[A] ELECTRIFICATION WORK	Supply installation testing and commissioning of Elect. Power IP42 Protection distribution boards of 18 G CRCA sheet steel mounted on angle iron frame grouted on wall, complete with copper busbars for phase neutral and earth DIN rails for MCS/ELCB and connector, terinal blocks mounting, dulty wired with suitable size PVC insulated copper wire, terminations with lugs and chrome plated brass compression glands for incoming and out going wires and cable as under. al SPN, MCB DB Double Door for UPS. Input 1 NO incoming 1 NO 63 A 4 - Pole MCB-1 No 0 0 Outgoing 2 Pole 10 KA MCB 25 A - 3 Nos. 1 NO c) SPN MCB DB Double Door for computer. 1 NO incoming 1 NO 1 0 2 Pole 10 KA MCB 25 A - 3 Nos. 2 2 Pole MCB-4 Nos. 2 c) SPN MCB DB Double Door for computer. 1 NO 1 Incoming 10 A SP MCB - 4 Nos. 2 2 Pole RCCB 100 mA sensitivity - 1 No. 2 c) MCB DB for Lighting as part of Main panel 1 NO 1 Incoming 1 NO 1 1 NO g) MCB DB for Lighting as part o	.No.	Description	Qty	Rate	Unit	Amount
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Outgoing Image: Constraint of the second	Outgoing						
25 Å SP MCB G 12 KA - 10 Nos. Image: Constraint of the second	25 Å SP MCB G 12 KA - 10 Nos. Incoming d] MCB DB for Lighting as part of Main panel 1 NO Incoming 1 NO 40 A 4 Pole RCCB 100 mA sensitivity - 1 No. Incoming Incoming 0utgoing 10 A SP MCB 10 KA - 10 Nos. Incoming Incoming 10 A SP MCB 10 KA - 10 Nos. Incoming Incoming Incoming e] Supply an installation of 24 Hr, 7 days A/C timer with 2 nos power contector of M.D.S, L & T, SEIMENS,THEBEN (indoasian) Make. All enclosed in sheet steel powder coated enclosure complete with all necessary termination for UPS /SERVER Incoming Incoming		63 A 4 Pole RCCB 100 mA sensitivity - 1 No.				
[d] MCB DB for Lighting as part of Main panel 1 NO Incoming 40 A 4 Pole RCCB 100 mA sensitivity - 1 No. - - Outgoing 0 - - - 10 A SP MCB 10 KA - 10 Nos. - - - - [e] Supply an installation of 24 Hr, 7 days A/C timer with 2 nos power contector of M.D.S, L & T, SEIMENS,THEBEN (indoasian) Make. All enclosed in sheet steel powder coated enclosure complete with all necessary termination for UPS /SERVER ROOM A.C 0 NO	d] MCB DB for Lighting as part of Main panel 1 NO Incoming 1 NO 40 A 4 Pole RCCB 100 mA sensitivity - 1 No. 1 1 Outgoing 1 1 1 10 A SP MCB 10 KA - 10 Nos. 1 1 1 e] Supply an installation of 24 Hr, 7 days A/C timer with 2 nos power contector of M.D.S, L & T, SEIMENS, THEBEN (indoasian) Make. All enclosed in sheet steel powder coated enclosure complete with all necessary termination for UPS /SERVER 10		Outgoing				
Incoming 40 A 4 Pole RCCB 100 mA sensitivity - 1 No. Outgoing 10 A SP MCB 10 KA - 10 Nos. Incoming 10 A SP MCB 10 KA - 10 Nos. Image: Supply an installation of 24 Hr, 7 days A/C timer with 2 nos power contector of M.D.S, L & T , SEIMENS, THEBEN (indoasian) Make. All enclosed in sheet steel powder coated enclosure complete with all necessary termination for UPS /SERVER ROOM A.C Image: Room A.C 0	Incoming 40 A 4 Pole RCCB 100 mA sensitivity - 1 No. Outgoing 10 A SP MCB 10 KA - 10 Nos. 10 Supply an installation of 24 Hr, 7 days A/C timer with 2 nos power contector of M.D.S, L & T, SEIMENS,THEBEN (indoasian) Make. All enclosed in sheet steel powder coated enclosure complete with all necessary termination for UPS /SERVER		25 A SP MCB G 12 KA - 10 Nos.				
Incoming Incoming 40 A 4 Pole RCCB 100 mA sensitivity - 1 No. Incoming Outgoing Incoming 10 A SP MCB 10 KA - 10 Nos. Incoming Image: Supply an installation of 24 Hr, 7 days A/C timer with 2 nos power contector of M.D.S, L & T Image: Supply an installation of 24 Hr, 7 days A/C timer with 2 nos power contector of M.D.S, L & T Image: Supply an installation of 24 Hr, 7 days A/C timer with 2 nos power contector of M.D.S, L & T Image: Supply an installation of 24 Hr, 7 days A/C timer with 2 nos power contector of M.D.S, L & T Image: Supply an installation of 24 Hr, 7 days A/C timer with 2 nos power contector of M.D.S, L & T Image: Supply an installation of 24 Hr, 7 days A/C timer with 2 nos power contector of M.D.S, L & T Image: Supply an installation of 24 Hr, 7 days A/C timer with 2 nos power contector of M.D.S, L & T Image: Supply an installation of 24 Hr, 7 days A/C timer with 2 nos power contector of M.D.S, L & T Image: Supply an installation of 24 Hr, 7 days A/C timer with 2 nos power contector of M.D.S, L & T Image: Supply an installation of 24 Hr, 7 days A/C timer with 2 nos power contector of M.D.S, L & T Image: Supply an installation of 24 Hr, 7 days A/C timer with 31 nocessary termination for UPS /SERVER Image: Supply an installation of 24 Hr, 7 days A/C timer with 31 nocessary termination for UPS /SERVER Image: Supply an installation of the tot of the tot of the tot of t	Incoming 40 A 4 Pole RCCB 100 mA sensitivity - 1 No. Outgoing 10 A SP MCB 10 KA - 10 Nos. 10 Supply an installation of 24 Hr, 7 days A/C timer with 2 nos power contector of M.D.S, L & T, SEIMENS,THEBEN (indoasian) Make. All enclosed in sheet steel powder coated enclosure complete with all necessary termination for UPS /SERVER	[d]	MCB DB for Lighting as part of Main panel	1		NO	
40 A 4 Pole RCCB 100 mA sensitivity - 1 No.	40 A 4 Pole RCCB 100 mA sensitivity - 1 No. Outgoing 10 A SP MCB 10 KA - 10 Nos. e] Supply an installation of 24 Hr, 7 days A/C timer with 2 nos power contector of M.D.S, L & T ,SEIMENS,THEBEN (indoasian) Make. All enclosed in sheet steel powder coated enclosure complete with all necessary termination for UPS /SERVER	[4]					
10 Å SP MCB 10 KA - 10 Nos.	10 Å SP MCB 10 KA - 10 Nos.						
10 Å SP MCB 10 KA - 10 Nos. Image: Constraint of the state of t	10 Å SP MCB 10 KA - 10 Nos.		Outgoing				
2 nos power contector of M.D.S, L & T ,SEIMENS,THEBEN (indoasian) Make. All enclosed in sheet steel powder coated enclosure complete with all necessary termination for UPS /SERVER ROOM A.C 0 NO	2 nos power contector of M.D.S, L & T ,SEIMENS,THEBEN (indoasian) Make. All enclosed in sheet steel powder coated enclosure complete with all necessary termination for UPS /SERVER		10 Å SP MCB 10 KA - 10 Nos.				
2 nos power contector of M.D.S, L & T ,SEIMENS,THEBEN (indoasian) Make. All enclosed in sheet steel powder coated enclosure complete with all necessary termination for UPS /SERVER ROOM A.C 0 NO	2 nos power contector of M.D.S, L & T ,SEIMENS,THEBEN (indoasian) Make. All enclosed in sheet steel powder coated enclosure complete with all necessary termination for UPS /SERVER	[0]	Supply an installation of 24 Hz 7 days A/C times with				
,SEIMENS,THEBEN (indoasian) Make. All enclosed in sheet steel powder coated enclosure complete with all necessary termination for UPS /SERVER ROOM A.C 0 NO	,SEIMENS,THEBEN (indoasian) Make. All enclosed in sheet steel powder coated enclosure complete with all necessary termination for UPS /SERVER	[e]					
in sheet steel powder coated enclosure complete with all necessary termination for UPS /SERVER ROOM A.C 0 NO	in sheet steel powder coated enclosure complete with all necessary termination for UPS /SERVER						
with all necessary termination for UPS /SERVER 0 NO	with all necessary termination for UPS /SERVER						
ROOM A.C 0 NO							
2 MAIN PENAL BOARD CAMPLIT(OLD SHIIFFTING) 1 NO				0		NO	
Z IMAIN PENAL BOARD CAMPLII (OLD SHIIFF IING) I NO				1			
	MAIN PENAL BOARD CAMPLIT(OLD SHIFFTING)	2	IMAIN PENAL BOARD CAMPLIT(OLD SHIFFTING)	I			

4 Supply and installation of stranded alluminium conductor. XLPE Insulated 1.1 KP groeved and marked sheathed and insulated 1.1 KP grade armoured cable on wall with saddles on 20 x 3 mm M.S strips goured on Wall, spaced one mt. [a] - Do - but 3.50 x 35 Sq.mm Aluminium cable. [From Meter To Main Panel Board] 0 RMT [b] - Do - but 4 x 10 Sq.mm Aluminium cable. [From Main Panel to UPS DB and ATM Room] 0 RMT 5 Cable end terminations of aluluminium armoured cable, with compression type cable gladns and lugs. 20 RMT 6 Providing circuit wiring of following sizes of PVC insulated 650 V Gd. Stranded copper conductor flexible type wires in 1.5 mm thick MMS rigid PVC pipes, 25 mm/20mm dia including terminal juction box and installing pipe with saddles spaced 60 cm and making connection with lugs. FIA FRLS wires and FIA pipes ISI marked to be used. 1 NO 7 Providing testing and 1 No. of 2.5 Sq.mm for eath PVC insulated copper wires. Including making connection with suitable saddles spaced 60 cm and making connection with suitable gladns and file making connection with suitable saddles spaced 60 cm and making connection with lugs. FIA FRLS wires and FIA pipes ISI marked to be used. 12 RMT 7 Providing instaling testing and commissioning of 1.5 mm thick MMS ISI marked rigd PVC pipe for wing, on wall, roof ceiling under floor WT suitable saddles spaced 60 cm and making reconnections with suitable saddles spaced 60 cm and making connections (For UPS Inpit and Out PUI) 12 RMT 7	3	Providing and Installing of 100 A MCCB TPN Unit 25KA With variable thermal and magnetic release compartment with hinged door & locking arrangement duly fabricated from 18 SWG sheet metal box duly painted with one coat of red-oxide paint and two coats of approved enamell paints with Phase indicator lamps phase wise , control fuses & wooden back complete. THIS WILL BE INSTALLED NEAR MAIN DOOR - INSIDE OR OUTSIDE - OF THE BANK. (first ask to BM / Consultant / Architect / Bank Authority.) with earth fault protection by ELR 200m A 2.04 adjustable		NO	
Meter To Main Panel Board] 0 RMT [b] - Do - but 4 x 10 Sq.mm Aluminium cable. [From Main Panel to UPS DB and ATM Room] 20 RMT [b] - Do - but 4 x 10 Sq.mm Aluminium cable. [From Main Panel to UPS DB and ATM Room] 20 RMT 5 Cable end terminations of aluluminium armoured cable, with compression type cable gladns and lugs. - - [a] SINTEX BOX 2 NO - [b] ATM DISTRUBUTION 1 NO - 6 Providing circuit wiring of following sizes of PVC insulated 650 V Gd. Stranded copper conductor flexible type wires in 1.5 mm thick MMS rigid PVC pipes, 25 mm/20mm dia including terminal juction box and installing pipe with saddles spaced 60 cm and making connection with lugs. FIA FRLS wires and FIA pipes ISI marked to be used. - - Note: Use Black for Neutral and Green for Earth - - - [a] 2 Nos. of 6 Sq.mm and 1 No. of 2.5 Sq.mm for eath PVC insualted copper wires. Including making connections [For UPS Inpit and Out Put] 12 RMT 7 Providing, installing testing and commissioning of 1.5 mm thick MMS ISI marked rigid PVC pipe for wiring, on wall, roof ceiling under floor with suitable saddles spaced 60 cm including inserting the existing hanging wires and making reconnections with suitable suddles space for following sizes. FIA FRLS ISI marked rigid PVC pipe for wiring, on		conductor. XLPE Insuleted IS approved and marked sheathed and insulated 1.1 KV grade armoured cable on wall with saddles on 20 x 3 mm M.S strips gourted on wall, spaced one mt.			
0 RMT [b] - Do - but 4 x 10 Sq.mm Aluminium cable. [From Main Panel to UPS DB and ATM Room] 20 20 RMT 5 Cable end terminations of aluluminium armoured cable, with compression type cable gladns and lugs. 20 [a] SINTEX BOX 2 [b] ATM DISTRUBUTION 1 6 Providing circuit wiring of following sizes of PVC insulated 650 V Gd. Stranded copper conductor flexible type wires in 1.5 mm thick MMS rigid PVC pipes, 25 mm/20mm dia including terminal juction box and installing pipe with saddles spaced 60 cm and making connection with lugs. FIA FRLS wires and FIA pipes ISI marked to be used. Note: Use Black for Neutral and Green for Earth [a] 2 Nos. of 6 Sq.mm and 1 No. of 2.5 Sq.mm for eath PVC insualted copper wires. Including making connections [For UPS Inpit and Out Put] 7 Providing, installing testing and commissioning of 1.5 mm thick MMS ISI marked rigid PVC pipe for wiring, on wall, roof ceiling under floor with suitable saddles spaced 60 cm including inserting the existing hanging wires and making reconnections with suitable lugs or thimbles of following sizes. FIA FRLS ISI marked.MMS conduits	[a]	-			
Main Panel to UPS DB and ATM Room] 20 RMT 20 RMT 5 Cable end terminations of aluluminium armoured cable, with compression type cable gladns and lugs.			0	RMT	
Main Panel to UPS DB and ATM Room] 20 RMT 20 RMT 5 Cable end terminations of aluluminium armoured cable, with compression type cable gladns and lugs.	[b]	- Do - but 4 x 10 Sq.mm Aluminium cable. IFrom			
5 Cable end terminations of aluluminium armoured cable, with compression type cable gladns and lugs. [a] SINTEX BOX 2 NO [b] ATM DISTRUBUTION 1 NO 6 Providing circuit wiring of following sizes of PVC insulated 650 V Gd. Stranded copper conductor flexible type wires in 1.5 mm thick MMS rigid PVC pipes, 25 mm/20mm dia including terminal juction box and installing pipe with saddles spaced 60 cm and making connection with lugs. FIA FRLS wires and FIA pipes ISI marked to be used. Image: Connection with lugs. FIA FRLS wires and FIA pipes ISI marked to be used. Note: Use Black for Neutral and Green for Earth Image: Connections [For UPS Inpit and Out Put] 12 7 Providing, installing testing and commissioning of 1.5 mm thick MMS ISI marked rigid PVC pipe for wiring, on wall, roof ceiling under floor with suitable saddles spaced 60 cm including inserting the existing hanging wires and making reconnections with suitable saddles spaced floor with suitable saddles spaced floor with suitable saddles spaced floor including making connections [For UPS Inpit and Out Put] 12 RMT					
cable, with compression type cable gladns and lugs. Image: Compression type cable gladns and lugs. [a] SINTEX BOX 2 NO [b] ATM DISTRUBUTION 1 NO [b] ATM DISTRUBUTION 1 NO 6 Providing circuit wiring of following sizes of PVC insulated 650 V Gd. Stranded copper conductor flexible type wires in 1.5 mm thick MMS rigid PVC pipes, 25 mm/20mm dia including terminal juction box and installing pipe with saddles spaced 60 cm and making connection with lugs. FIA FRLS wires and FIA pipes ISI marked to be used. Image: Compression for the type wires and FIA pipes ISI marked to be used. Note: Use Black for Neutral and Green for Earth Image: Compression for the type wires. Including making connections [For UPS Inpit and Out Put] 12 RMT 7 Providing, installing testing and commissioning of 1.5 mm thick MMS ISI marked rigid PVC pipe for wiring, on wall, roof ceiling under floor with suitable saddles spaced 60 cm including inserting the existing hanging wires and making reconnections with suitable lugs or thimbles of following sizes. FIA FRLS ISI marked.MMS conduits Image: Conduits Image: Conduits			20	RMT	
[b] ATM DISTRUBUTION 1 NO 6 Providing circuit wiring of following sizes of PVC insulated 650 V Gd. Stranded copper conductor flexible type wires in 1.5 mm thick MMS rigid PVC pipes, 25 mm/20mm dia including terminal juction box and installing pipe with saddles spaced 60 cm and making connection with lugs. FIA FRLS wires and FIA pipes ISI marked to be used. Image: Connection with lugs. FIA FRLS wires and FIA pipes ISI marked to be used. Note: Use Black for Neutral and Green for Earth Image: Connections [For UPS Inpit and Out Put] 12 7 Providing, installing testing and commissioning of 1.5 mm thick MMS ISI marked rigid PVC pipe for wiring, on wall, roof ceiling under floor with suitable saddles spaced 60 cm including inserting the existing hanging wires and making reconnections with suitable lugs or thimbles of following sizes. FIA FRLS ISI marked.MMS conduits Image: Connection size.	5				
[b] Animolection 6 Providing circuit wiring of following sizes of PVC insulated 650 V Gd. Stranded copper conductor flexible type wires in 1.5 mm thick MMS rigid PVC pipes, 25 mm/20mm dia including terminal juction box and installing pipe with saddles spaced 60 cm and making connection with lugs. FIA FRLS wires and FIA pipes ISI marked to be used. Note: Use Black for Neutral and Green for Earth [a] 2 Nos. of 6 Sq.mm and 1 No. of 2.5 Sq.mm for eath PVC insualted copper wires. Including making connections [For UPS Inpit and Out Put] 7 Providing, installing testing and commissioning of 1.5 mm thick MMS ISI marked rigid PVC pipe for wiring, on wall, roof ceiling under floor with suitable saddles spaced 60 cm including inserting the existing hanging wires and making reconnections with suitable lugs or thimbles of following sizes. FIA FRLS ISI marked.MMS conduits	[a]	SINTEX BOX	2	NO	
6 Providing circuit wiring of following sizes of PVC insulated 650 V Gd. Stranded copper conductor flexible type wires in 1.5 mm thick MMS rigid PVC pipes, 25 mm/20mm dia including terminal juction box and installing pipe with saddles spaced 60 cm and making connection with lugs. FIA FRLS wires and FIA pipes ISI marked to be used. Note: Use Black for Neutral and Green for Earth [a] 2 Nos. of 6 Sq.mm and 1 No. of 2.5 Sq.mm for eath PVC insualted copper wires. Including making connections [For UPS Inpit and Out Put] 12 7 Providing, installing testing and commissioning of 1.5 mm thick MMS ISI marked rigid PVC pipe for wiring, on wall, roof ceiling under floor with suitable saddles spaced 60 cm including inserting the existing hanging wires and making reconnections with suitable lugs or thimbles of followiong sizes. FIA FRLS ISI marked.MMS conduits	[b]	ATM DISTRUBUTION	1	NO	
insulated 650 V Gd. Stranded copper conductor flexible type wires in 1.5 mm thick MMS rigid PVC pipes, 25 mm/20mm dia including terminal juction box and installing pipe with saddles spaced 60 cm and making connection with lugs. FIA FRLS wires and FIA pipes ISI marked to be used. Note: Use Black for Neutral and Green for Earth [a] 2 Nos. of 6 Sq.mm and 1 No. of 2.5 Sq.mm for eath PVC insualted copper wires. Including making connections [For UPS Inpit and Out Put] 12 7 Providing, installing testing and commissioning of 1.5 mm thick MMS ISI marked rigid PVC pipe for wiring, on wall, roof ceiling under floor with suitable saddles spaced 60 cm including inserting the existing hanging wires and making reconnections with suitable lugs or thimbles of followiong sizes. FIA FRLS ISI marked.MMS conduits					
[a] 2 Nos. of 6 Sq.mm and 1 No. of 2.5 Sq.mm for eath PVC insualted copper wires. Including making connections [For UPS Inpit and Out Put] 12 RMT 7 Providing, installing testing and commissioning of 1.5 mm thick MMS ISI marked rigid PVC pipe for wiring, on wall, roof ceiling under floor with suitable saddles spaced 60 cm including inserting the existing hanging wires and making reconnections with suitable lugs or thimbles of followiong sizes. FIA FRLS ISI marked.MMS conduits Image: Comparison of the section of the sectin of the section of the sectin of the section	6	insulated 650 V Gd. Stranded copper conductor flexible type wires in 1.5 mm thick MMS rigid PVC pipes, 25 mm/20mm dia including terminal juction box and installing pipe with saddles spaced 60 cm and making connection with lugs. FIA FRLS wires and FIA			
PVC insualted copper wires. Including making connections [For UPS Inpit and Out Put] 12 RMT 7 Providing, installing testing and commissioning of 1.5 mm thick MMS ISI marked rigid PVC pipe for wiring, on wall, roof ceiling under floor with suitable saddles spaced 60 cm including inserting the existing hanging wires and making reconnections with suitable lugs or thimbles of followiong sizes. FIA FRLS ISI marked.MMS conduits Image: Content of the provide the provided the provi	Note:	Use Black for Neutral and Green for Earth			
mm thick MMS ISI marked rigid PVC pipe for wiring, on wall, roof ceiling under floor with suitable saddles spaced 60 cm including inserting the existing hanging wires and making reconnections with suitable lugs or thimbles of followiong sizes. FIA FRLS ISI marked.MMS conduits	[a]	PVC insualted copper wires. Including making	12	RMT	
[a] 25 mm dia 0 RMT		mm thick MMS ISI marked rigid PVC pipe for wiring, on wall, roof ceiling under floor with suitable saddles spaced 60 cm including inserting the existing hanging wires and making reconnections with suitable lugs or thimbles of followiong sizes. FIA FRLS ISI marked.MMS conduits			
	[a]	25 mm dia	0	RMT	

				[
8	Suppy and installing GI earth strip and wires and			
	making connections with panels, switch, equipment			
	etc. Stranded insulated wire not to be used for body			
	earthing. Earthing should be visible without any joint.			
	Use Lead washers at strip joints and terminations.	45		
[a]	GI wire 8 SWG	15	RMT	
[b]	10 SWG copper	15	RMT	
9	Providing, installing, testing and commissioning funnel			
Ŭ				
	type plate earthing with all necessary materials is &I			
	Nut bolts, washers, clamps, 1" dia PVC watering pipe			
	with plug earth strip connected to the earth electrode,			
	protection GI pipe etc. as per IS code without brick			
	masonary chamber.			
	Note:Please show the earth pit and earthing			
	Electrode before installation		 	
[a]	JEF Eco safe T-193 Hot DP galvanised with 50 mm			
	dia outer & 25 mm inner dia P/P length 3 meters.			
	Earthing chemical filling 2 Bags of 20KG each			
	(Chemical GI Earthing) ETP MAKE or ASHLOK			
	MAKE With 3 years Manufacturer			
	warranty	0	NO	
	wairanty	0	 NO	
[b]	Safe erthing electrode certified for use upto 11kv with			
	3.00 m pipe back filling comound 2 bag of 25 Kg. with			
	outer pipe 50mm dia and inner 25 mm dia pipe and			
	compund filling as per UL 476 as approved by PWD			
	(Chemical Copper Earthing) ETP MAKE or			
	ASHLOK MAKE With 3 years			
	Manufacturer warranty	0	NO	
		•		
10			 	
10	GENERAL POINT WIRING		 	
	Providing, commissioning point wiring (Light point,			
	plug point, monitor power plug point etc.) in PVC			
	FRLS rigid conduit pipe 1.5 mm thick (Concealed)			
	system or on slab/wall, false ceiling running open in			
	counter in top and bottom and partition by using			
	650/1100 Volt grade P.V.C insulated copper wire with			
	I.S.I approved of 1.5 Sq.mm along with PVC insulated			
	FRLS 1.5 Sq.mm copper earth wire for light, fan, 5A			
	socket point and 4.0 Sq.mm (Also with 2.5 Sq.mm			
	PVC insulated copper earthing wire) for 15 Amp point			
	with colour code system as per I.E Rules/Regulations.			
	All the wires to be drawn in rigid PVC conduit pipe of			
	1.5 mm thickness MMS 20/25/32mm dia size with all			
	necessary accessories such as bends, Junction box			
1	etc. 18 Guage M.S switch boxes shall be used.			
				1

					1
	The top cover of the switch box shall be 3mm thick				
	hylam plate type. The switch box size shall suitable to				
	contain 5 Amp/15 Amp switches. 5/15 Amp socket				
	outlet. M.S ready made junction boxes shall be				
	permitted in pipe laying. All the pipes shall be fixed				
	with G.I sadles clamps and wherever required to be				
	embeded in wall. The point wiring shall mean the				
	wiring from switch board to outlet box by including				
	supply of 5/15 A SP control swich ceiling rose/lamp				
	holder, 5A/15A socket 5/6 pin type. Modular switch,				
	socket, plug, M.S box and plate cover to be used. FIA				
	FRLS wires and FIA FRLS pipes, ISI marked to be				
	used.Use Moduler MS Box for flush mounting and				
	Moduler moulded box for surface mounting 15/16A				
	switches to be with indicator				
	The point wiring will include circuit wiring 2 x 2.5				
	sqmm + 1 x 1.5 sqmm for earth from MCB DB to				
	lighting switch board and switch board to switch				
	board. The no. of points will be limited to 8 point				
	per circuit. No extra rate shall be paid for any				
	circuit and subcircuit mains. Earth and Neutral				
	wires should be take from the correspounding				
	Lighting switch Roard				
	The wiring is to be concealed type which includes				
	cutting of groove in wall or floor laying conduit,				
	replastering the cut part with good finish and colouring				
	to match the wall, floor colour. Do not use casing				
	caping if necessary use white oval pipe on surface.				
	LIGHT POINT				
	Note : Use Black for Neutral and Green for earth.				
[a]	- Do - as per Item No. 10 for 1 Nos. of light point				
	controlled by 1 No. of 5 Amp modular switch and plate				
	with phase Neutral & earth wires.				
		30		NO	
[b]	Extension light point without control switch.	10		NO	
	Exceloion light point without control switch.	-		-	
[c]	- Do - for Fan point including SP modular switch, 5				
	Step humfree Electronic regulator, terminal box with				
	hook for fan suspension from roof and plastering the	2		NO	
	opining. Existing fan hooks to be used.	۷		NU	
		7		NO	
[d]	- Do - for wall_fan.	1		NO	
					ļ
[e]	- Do - for Exhaust fan.	2		NO	ļ
L					ļ
[f]	Bell point with bell push and ding dong bell.				
		1		NO	
[g]	Sign board point with 2 x 2.50 sq.mm + 1 x 1.5				
	sqmm earth wire circuit from main panel to sing				
	board at entrance with suitable junction box and 3				
1	-	1		NO	
1	point connector.	•			
	point connector.	•			
	PLUG POINT	•			

				1
11	- Do - as per Item No. 10 for 1 No. 5 pin 5 Amp socket			
	controlled by 5 Amp SP switch. Both are mounted on			
	the same Lighting switch board with necessary inter			
	connection & earthing the earth pin.	10	NO	
12	Providing and fixing computer Terminal Board			
	providing 3 No 5 pin 6 Amp plug socket outlet			
	controlled by 1 Nos. 16 Amp modular SP switche with			
	light indicator as switch board with independent			
	power supply from UPS unit, [Fixing 15 A switch			
	above Table on Side partition/Wall and 3 Nos			
	-			
	Socket Below Table] including internal wiring with 1.5			
	Sq.mm PVC copper wire. Moduler Switch, Socket			
	Plug, Plate Cover, Box etc. complete as diercted.			
	Including 2 x 2.5 sqmm + 1 x 1.5 sqmm earth circuit			
	from DB for computer power. (Three boards in one			
	circuit)	14	NO	
13	- Do - as per Item No. 12 for 1 No. 5 pin 6 Amp power			
	socket with modular SP switch and 1 No 16 Amp			
	Power socket outlet controlled by 1 No 16 Amp			
1	modular switch with indicator including circuit wiring.			
1	Six boards in one circuit for raw power.	8	NO	
14	- Do - as per Item No. 12 for 1 No. 3 pin 15 Amp			
14				
	power socket outlet controlled by 15 Amp modular			
	switch with indicator including circuit wiring 2 x 2.5			
	sqmm + 1 x 1.5 sqmm for earth from TPN DB.	2	NO	
15	Proviidng metal clad 20 A plug socket for A/C point			
10	including 20 A SP MCB -G in M.S Box painted			
	powder coated and polished wooden baord mounted			
	on wall. Including circuit wiring from AC MCB DB to			
	AC point. 2 x 4 sqmm + 1 x 2.5 sqmm circuit.	6	NO	
40	Fixing of Fixtures			
16				
	Labour charges for fixing, connecting & commissioning			
	twin flourescent lamp fittings in false ceiling and			
	pannelling with necessary material. Fixture will			
	supplied by Bank.			
[a]	4 x 20 W or 2 x 40 W Mirror optic./LED	9	NO	
[b]	1 x 20 W LED fixtures/ mirror optic type.			
		11	NO	
L				
[c]	LED Downligher on ceiling.	12	NO	
[d]	Fixing Fan including road/clamp on ceiling	2	NO	
[e]	1X7 watt LED Tube	0	NO	
[f]	Exhaust Fan	2	NO	
1 11	Exhauoti un			+
		i i		
	Wall Fan	5	NO	
[g]	Wall Fan	5	NO	

17	Supply and installation of Telephone terminal with jack socket RJ 11 connection on suitable modular junction box. Including 2 pair telephone wire in FIA rigid PVC conduit concealed in wall/floor from Krone to Telephone point, including necessary junction boxes etc. complete as directed. Make connection in krone				
	box.	3		NO	
18	Supply and installation of Krone tag block in suitable covered M.S Box installed on angle iron frame grounted on wall of size as under.			NO	
[a]	20 Pair				
19	Supply and installation of Telephone cable armoured PVC insulated cable of tinned high grade electrolytic copper wires in PVC Pipe, on wall with proper saddles of following size. Delton make.	0		RMT	
[a]	10 Pair 0.5 mm insulated.				
		TOTAL CO	OST OF 'A'		
	NOTE :				
[1]	Work is to be carried out as per code of practice confirming to I.E Rules and PWD specification.				
[2]	All Electrical materials are to be of ISI marked/approved makde as per list.				
[3]	Payments will be for actual quantities used.				
[4]	All holes and cuttings to be made with Electrical tools.				
[5]	Carry out wiring as per given plan.				
[6]	Deductions will be made for improper work				
[7]	Cost of floor junction Boxes is included in respective items No separate payment shall be mabe for this				
[B]	SUPPLYING OF LIGHTING FIXTURES				
1	Supplying and providing 'LED 1*36 watt (2'*2')				
	RECESS MOUNTED LUMINAIRE with making earthing connection complete to be recessed in false ceiling with all necessory hardwares, hanging frame arrangement, chains, hook etc., complete. (WIPRO MAKE LED CRCO 10R038HP57 or CROMPTON /PHILIPS/ Havelles (with 3 Year warranty)	10		NO	
2	Supplying and providing '12 W LED Downleighter to				
	be recessed in false ceiling with all necessory hardwares, chains, hook etc., complete. (WIPRO MAKE LD71-121-XXX-65-RF or PHILIPS / CROMPTON / BAJAJ /Havelles (with 3 Year Warranty)			NO	
1					

3	Supplyling and providing LED Tube light 4'-0" long decorative box type surface fitting of CROMPTON Make Model No DMLN 1LT8 -16 with LTT8-20 LED Tube or Wpro Model GARNET LED TUBE BATTEN 18/20 W.etc complete or equivalent Wipro / Philips/Havells/Crompton make. (with 3 Year				
	Warrantv)	10		NO	
3[a]	LED tube light surface mounting type with tube, 1 x 7 Watt, complete Crompton Model : LINNET; CAT Ref No: LCL-07-CDL or equivalent Philips or Wipro/Bajaj/C&S/ Orient/ Syska make .	0		NO	
4	Supplying and providing Ceilling Fans 48" dia of Crompton/Bajaj make or Equivalent make .	0		NO	
5	Supplying and providing Exhuast Fan 9" dia with Crompton/Bajaj make or Equivalent make .	0		NO	
6	Supplying and providing Wall Fans 16" dia of Crompton/Bajaj make or Equivalent make .	0		NO	
6[a]	Removing and Reinstalltion of Existing Wall fan etc complete. Rate including Transporting from Existing Premises to New premisses	0		NO	
			TOTAL OF '	В'	
[C]	DATA CABELLING WORK				
1	Providing data cable information out let AT & T, lucent, D Link Brand, Molex make point connection with RJ- 45 connector, junction box with cover in making connection etc complete as directed. Including 'Supply and installation of computer data cable CAT-6 of AT & T, lucent, D Link Brand , Molex make including PVC pipe 25mm dia 1.5 mm thick, recessed in counter necessary, ceiling, wall .include RJ 45 connector on both end etc complete as directedThe conduit to be concealed in wall or floor by cutting , laying conduit replastering and colouring to match the wall or floor colour				
		12		NO	
2	Supply and providing Cat-6 patch cord wire of AT & T, Lucent, D Link ,Molex Make with RJ-45 connection on both and connector (2.0 mt. Long). Factory built	0		NO	
	Patch cord shall be company made. Patch cord must be handed over to Bank official and Reciept must be optained and enclosed along with bill				

			I		
4	Supplying of 24 port Cat - 6 patch panel of 'D' Link make complete as directed.	0		NO	
5	Supplying of 9U Rack with lockable door of 'D' Link or Equivalent make complete as directed.	1		NO	
6	Supplying Istallation & Testing of 24 port unmanaged 10/100 mbh switch of 'D' Link Make	0		NO	
7		0		RMT	
8	New Installation of Rack, Patch panel , 24 port switch including patch panel connection inspection and testing and commissioning complete as directed.				
		0		JOB	
			TOTAL OF	C'	
	S U M M A R Y				
[A]	ELECTRIFICATION WORK				
<u> </u>					
[B]	SUPPLYING OF LIGHTING FIXTURES				
					
[0]	DATA CABELLING WORK				
[1]		тот	AL OF [A+	B +C]	

Tender Amount(In Words) Rupees:

(SIGNATURE OF TENDERER/FIRM)

NAME OF TENDERER

(SEAL OF FIRM) PLACE: DATE: