	STATE BANK OF INDIA PRICE BID FOR ELECTRICAL WORKS OF MUDG	AL BR4	ANCH		
	Particulars : Detailed Specifications -A: ELECTRICAL WIRING WORKS		uantit	Rate	Amount
1	ENERGY METER CUBICLE: Fabrication, Supply, Installation, testing	Set			
	3 Nos. 63A Open Type bakelite cutout fuse unit with 63A HRC 1 no. 63A 4 pole SFU with 63A HRC fuse (HPL/C&S/Indoasian) Complete with all inter connections and powder coated painting-				
2	BUILDING MAIN PANEL: MAINS CHANGE OVER PANEL Supply and installation of 63A 4pole ON Load Change over switch with suitable metallic enclosure with cable entry Box and Powder coated painted with 6nos of 2A SP MCB and LED (R,Y,B) indicators for the identification of EB/ DG Set — ON & neat marking thereof: (GA drawing to be got approved from consultant/Engineer before fabrication & supply) a. Change over switch: 63A On-Load COS b. MFM - (c 0.5) to show the V,A,pf,kW,kVA,etc details (L&T or Schnider) c. SPD - Type-1+2 d. R,Y,B Indicators for EB & DG supply (6nos) e. 1A SP MCB - 6 nos Complete with all inter connections and powder coated painting-RAL 7032 siemens grey.	Set	1		
3	Supply & Installation of 20 KVAR automatic capacitor panel cubical Incoming 62A 25kA AD MCCR with capader 0.100A ammater with calector switch BVR indicating lamn 0.500 Volts Voltmater 6 Stage A D F C Relay Outgoing 62A TDMCR Capacitor duty contactor 5KVAr Resin Capacitor with Harmonic fitter ONLOGE push button & Ind Lamn	Set	0		
4	Main DB — (VTPN - DB): Supply, Installation, testing and Commissioning of Double Door TPN DB consisting of the following.  Double door 4-way VTPN MCB VDB Incomer  63A, 25kA, 4P MCCB Outgoings:  63A, TP MCB (C-series) -0nos 40A, TP MCB (C-series) -1nos 32A, TP MCB (C-series) -1nos 25A, TP MCB (C-series) -2nos 16A, SP MCB (C-series) -2nos 10A, SP MCB (C-series) -1nos 160A COPPER Bus-bar for 3 phase Complete with all inter connections.	Set	1		

5	ACDB – (TPN - DB): Supply, Installation, testing and	Cat	1	
	Commissioning of Double door (4-way) TPN MCB DB consisting of	Set	1	
	Double door 4 way TPN MCB DB			
	Incomer			
	32A,300mA 4P RCCB +32A MCB C-series			
	Outgoings :			
	25A, TP MCB (C-series) -0nos			
	16A, TP MCB (C-series) -1nos			
	16A, SP MCB (C-series) -3nos			
	10A, SP MCB (C-series) -3nos			
	80A COPPER Bus-bar for 3 phase			
	Complete with all inter connections.			
	·			
6	LDB: Supply, Installation, testing and commissioning of Double	Set	1	
	door TPN MCB DB consisting of the following.	Set	1	
	Double Door 4-way TPN MCB DB			
	Incomer:			
	25A,30mA 4P RCCB +25A MCB B-series			
	Outgoings :			
	25A,30mA DP RCCB - Onos For lighting circuit			
	10A, SP MCB (B-series) -6nos			
	6A, SP MCB (B-series) - 6nos			
	Complete with all inter connections			
7	RPDB: Supply, Installation, testing and commissioning of Double	Set	1	
	door TPN MCB DB consisting of the following.	Set	_	
	Double Door 4-way TPN MCB DB			
	Incomer:			
	25A,100mA 4P RCCB +25A MCB C-series			
	Outgoings :			
	25A,30mA DP RCCB - 0nos			
	10A, SP MCB (C-series) -8nos			
	6A, SP MCB (C-series) - 4nos			
	Complete with all inter connections			
8	ESSENTIAL DB: Supply, Installation, testing and Commissioning of	Set	1	
	Double door SPN MCB DB consisting of the following.	Jet	_	
	Double door 6-way TPN MCB DB			
	Incomer :			
	32A TP MCB (C-series)			
	Outgoings :			
	25A MCB TP (C-series) - 3Nos UPS INPUT & ATM DB			
	6A, SP MCB (C-series)-2 nos UPS exhaust fan			
	16A, SP MCB (B-series) -0 nos signage boards			
	24hr digital timer 1NO,1NC - 2 nos			
	Complete with all inter connections.			

1				
	ATM DB: Supply, Installation, testing and commissioning of Double door (8+4way) TPN MCB DB consisting of the following.	Set	1	
	Double Door 4-way TPN MCB DB			
	Incomer:			
	25A,300mA 4P RCCB +25A MCB C-series			
	Outgoings :			
	32A, TP MCB (C-series)- 0			
	16A, SP MCB (C-series) -1 nos AC			
	16A, SP MCB (B-series) -0 nos signage boards			
	6A, SP MCB (B-series) - 4 nos - ATM signage board and ATM			
	lighting ckt,			
	24hr digital timer 1NO,1NC - 2 nos			
	Complete with all inter connections.			
10	BUS BAR Box – Supply, Installation, testing and Commissioning of			 
	single door Bus bar box with following .			
a.	100A Copper bus bars-25mmX3mm X150mm -4nos with insulators	Set	0	
	mounted on insulator bushes. \ / for remote UPS Rooms	Jet		
b.	200A Copper bus bars-25mmX4mm X150mm -4nos with insulators	Set	0	
	mounted on insulator bushes. \ / for remote UPS Rooms	set	U	
c.	100A 4P Isolator enclusure At banking hala entrance	Set	1	
11.a	UPS IN PUT DB Supply and installation of 40 A FP MCB ISOLATOR	Set	2	
	in suitable metallic enclosure for UPS Input.	300		
	UPS OUT PUT DB Supply and installation of 32A DP MCB ISOLATOR	Set	2	
	in suitable metallic enclosure for UPS Input.			
42	LIDS CHANGE OVER DANIEL S and a service desired			
	UPS CHANGE OVER PANEL: Supply erection testing and			
	commissioning of 2 Nos. 32A rotary type change over switch in			
	suitable metal box with 4 Nos. LED indicator for input / output	Set	0	
	identification. UPS Output change over switch board. Complete			
$\longrightarrow$	with all inter			
13	COMPLITER DR: Supply exection testing and commissioning of			
			2	
		Jet	_	
	,			
$\longrightarrow$	Complete with an inter connections.			
	COMPUTER DB: Supply, erection, testing and commissioning of wall mounted type double door dust and vermin proof SPN MCB DB fixed on wall comprising the following:  SPN MCB DB -8Way Incomer :  20A, DP MCB (C-series) -1  Outgoings:  10A, SP MCB (C-series) -6  6A, SP MCB (C-series) -4  Complete with all inter connections.		2	

14 Supply and installation of suitable weather proof enclosure for local control of 3ph/1ph air conditioners. a. Supply and installation of 64A FP MCB (D-series) in suitable weather proof enclosure(IP65) for local control of 3ph/1ph air conditioners. b. Supply and installation of 20/32A DP MCB in suitable weather proof enclosure(IP65) for local control of 3ph/1ph air conditioners.  5 Supply and installation of 20/32A TP MCB in suitable weather proof enclosure(IP65) for local control of 3ph/1ph air conditioners.  5 Supply and installation of 20/32A TP MCB in suitable weather proof enclosure(IP65) for local control of 3ph air conditioners.  5 Set 2  15 Supply and installation of DOL starter for PUMP motor with thermal overload protection, for 2kW motor  16 CABLE LAYING AND TERMINATIONS: Supply, laying and dressing of the following size of 1.1 KV grade XLPE insulated armoured cable with aluminium conductor concealed or clamped on wall / ceiling / trench / cable tray if necessary.  10 4x20 Sq.mm AYFY 11 4x20 Sq.mm AYFY 12 4x35 Sq.mm AYFY 13 4x35 Sq.mm AYFY 14 4x35 Sq.mm AYFY 15 4x35 Sq.mm AYFY 16 4x36 Sq.mm AYFY 17 4x35 Sq.mm AYFY 18 45 Sq.mm AYFY 18 45 Sq.mm AYFY 19 4x240 Sq.mm AYFY 10 4x240 Sq.mm AYFY 10 4x240 Sq.mm AYFY 11 4x240 Sq.mm AYFY 12 Find termination of the following size of cables using flange type cable glands and heavy duty tinned aluminium crimping type cable sockets including gland earthing. 10 4x240 Sq.mm AYFY 11 4x25 Sq.mm AYFY 12 4x25 Sq.mm AYFY 13 4x35 Sq.mm AYFY 14 4x35 Sq.mm AYFY 15 4x40 Sq.mm AYFY 16 4x35 Sq.mm AYFY 17 4x35 Sq.mm AYFY 18 4x10 Sq.mm AYFY 19 4x25 Sq.mm AYFY 20 4x35 Sq.mm AYFY 21 4x25 Sq.mm AYFY 22 5q.mm AYFY 23 5q.mm AYFY 24 5q.mm AYFY 25 5q.mm AYFY 26 5q.mm AYFY 27 5q.mm AYFY 28 5q.mm AYFY 29 5q.mm AY					
a Supply and installation of 64A FP MCB (D-series) in suitable weather proof enclosure(IP65) for local control of 3ph/1ph air conditioners.  b. Supply and installation of 20/32A DP MCB in suitable weather proof enclosure(IP65) for local control of 3ph/1ph air conditioners.  C. Supply and installation of 20/32A TP MCB in suitable weather proof enclosure(IP65) for local control of 3ph air conditioners.  Set 2  The supply and installation of DOL starter for PUMP motor with termal overload protection, for 2kW motor  Set 0  CABLE LAYING AND TERMINATIONS: Supply, laying and dressing of the following size of 1.1 KV grade XLPE insulated armoured cable with aluminium conductor concealed or clamped on wall / celling / trench / cable tray if necessary.  1) 4x240 Sq.mm AYFY  1) 4x25 Sq.mm AYFY  1) 4x35 Sq.mm AYFY  1) 4x35 Sq.mm AYFY  2) 4x35 Sq.mm AYFY  2) 4x35 Sq.mm AYFY  3) 4x16 Sq.mm AYFY  3) 4x10 Sq.mm AYFY  3) 4x10 Sq.mm AYFY  4) 50 5q.mm AYFY  4) 50 5q.mm AYFY  5) 50 5q.mm AYFY  6) 60 70 70 70 70 70 70 70 70 70 70 70 70 70	14	Supply and installation of suitable weather proof enclosure for			
weather proof enclosure(IP65) for local control of 3ph/1ph air conditioners.  Supply and installation of 20/32A DP MCB in suitable weather proof enclosure(IP65) for local control of 3ph/1ph air conditioners.  Set 2  Supply and installation of 20/32A TP MCB in suitable weather proof enclosure(IP65) for local control of 3ph air conditioners.  Set 2  Supply and installation of DOL starter for PUMP motor with thermal overload protection, for 2kW motor  Set 0  ABLE LAYING AND TERMINATIONS: Supply, laying and dressing of the following size of 1.1 KV grade XLPE insulated armoured cable with aluminium conductor concealed or clamped on wall / ceiling / trench / cable tray if necessary.  i) 4x240 Sq.mm AYFY  ii) 4x95 Sq.mm AYFY  v) 4x35 Sq.mm AYFY  v) 4x35 Sq.mm AYFY  v) 4x35 Sq.mm AYFY  vi) 4x16 Sq.mm AYFY  vii) 3x6 Sq.mm AYFY  viii) 3x6 Sq.mm AYFY  viii) 3x6 Sq.mm AYFY  viii) 3x6 Sq.mm AYFY  viii) 4x20 Sq.mm AYFY  viii) 4x20 Sq.mm AYFY  viii) 4x20 Sq.mm AYFY  viii) 4x20 Sq.mm AYFY  viii) 4x25 Sq.mm AYFY  viv) 4x35 Sq.mm AYFY  viv) 4x35 Sq.mm AYFY  set 0  GI - CABLE TRAY: Suppy and installation of medium duty Gl Ladder type cable tray of following size. (Rate shall be inclusive of all bends supports, etc. And supports to be not more than 1000mm apart)  i) 650mmx50mm(WxH)  ii) 650mmx50mm(WxH)  iii) 650mmx50mm(WxH)  iii) 650mmx50mm(WxH)		local control of 3ph/1ph air conditioners.			
b. Supply and installation of 20/32A DP MCB in suitable weather proof enclosure(IP65) for local control of 3ph/1ph air conditioners.  c. Supply and installation of 20/32A TP MCB in suitable weather proof enclosure(IP65) for local control of 3ph air conditioners.  Set 2  15 Supply and installation of DOL starter for PUMP motor with thermal overload protection, for 2kW motor  CABLE LAYING AND TERMINATIONS: Supply, laying and dressing of the following size of 1.1 KV grade XLPE insulated armoured cable with aluminium conductor concealed or clamped on wall / celling / trench / cable tray if necessary.  i) 4x280 Sq.mm AYFY  ii) 4x95 Sq.mm AYFY  iii) 4x95 Sq.mm AYFY  iv) 4x35 Sq.mm AYFY  vi 4x16 Sq.mm AYFY  vii) 4x10 Sq.mm AYFY  m 0  m 50  m 60  m 50  m 60  m	a.	Supply and installation of 64A FP MCB (D-series) in suitable			
b. Supply and installation of 20/32A DP MCB in suitable weather proof enclosure(IP65) for local control of 3ph/1ph air conditioners.  c. Supply and installation of 20/32A TP MCB in suitable weather proof enclosure(IP65) for local control of 3ph air conditioners.  Set 2  15 Supply and installation of DOL starter for PUMP motor with thermal overload protection, for 2kW motor  16 CABLE LAYING AND TERMINATIONS: Supply, laying and dressing of the following size of 1.1 KV grade XLPE insulated armoured cable with aluminium conductor concealed or clamped on wall / ceiling / trench / cable tray if necessary.  1) 4x240 Sq.mm AYFY  1) 4x240 Sq.mm AYFY  1) 4x50 Sq.mm AYFY  2) 4x35 Sq.mm AYFY  3) 4x50 Sq.mm AYFY  3) 4x50 Sq.mm AYFY  3) 4x10 Sq.mm AYFY  4) 4x10 Sq.mm AYFY  4) 1 4x10 Sq.mm AYFY  50		weather proof enclosure(IP65) for local control of 3ph/1ph air	Set	0	
proof enclosure(IP65) for local control of 3ph/1ph air conditioners.  C. Supply and installation of 20/32A TP MCB in suitable weather proof enclosure(IP65) for local control of 3ph air conditioners.  Set 2  15 Supply and installation of DOL starter for PUMP motor with thermal overload protection, for 2kW motor  16 CABLE LAYING AND TERMINATIONS: Supply, laying and dressing of the following size of 1.1 kV grade XLPE insulated armoured cable with aluminium conductor concealed or clamped on wall / ceiling / trench / cable tray if necessary.  1) 4x240 Sq.mm AYFY  1) 4x240 Sq.mm AYFY  1) 4x35 Sq.mm AYFY  2) 4x35 Sq.mm AYFY  3) 4x36 Sq.mm AYFY  3) 4x10 Sq.mm AYFY  4) 4x10 Sq.mm AYFY  50 m 0 m 0 m 0 m 0 m 0 m 0 m 0 m 0 m 0 m		conditioners.			
c. Supply and installation of 20/32A TP MCB in suitable weather proof enclosure(IP65) for local control of 3ph air conditioners.  Set 2  Supply and installation of DOL starter for PUMP motor with thermal overload protection, for 2kW motor  16 CABLE LAYING AND TERMINATIONS: Supply, laying and dressing of the following size of 1.1 KV grade XLPE insulated armoured cable with aluminium conductor concealed or clamped on wall / ceiling / trench / cable tray if necessary.  i) 4x240 Sq.mm AYFY  ii) 4x95 Sq.mm AYFY  iii) 4x70 Sq.mm AYFY  v) 4x35 Sq.mm AYFY  v) 4x35 Sq.mm AYFY  vi) 4x16 Sq.mm AYFY  vii) 3x16 Sq.mm AYFY  iii) 4x10 Sq.mm AYFY  iii) 3x6 Sq.mm AYFY  iii) 4x20 Sq.mm AYFY  iii) 4x20 Sq.mm AYFY  iii) 4x30 Sq.mm AYFY  iv) 4x35 Sq.mm AYFY  iv) 4x35 Sq.mm AYFY  iv) 4x35 Sq.mm AYFY  iv) 4x35 Sq.mm AYFY  iv) 4x30 Sq.mm AYFY  iv)	b.	Supply and installation of 20/32A DP MCB in suitable weather			
proof enclosure(IP65) for local control of 3ph air conditioners.    Supply and installation of DOL starter for PUMP motor with thermal overload protection, for 2kW motor		proof enclosure(IP65) for local control of 3ph/1ph air conditioners.	Set	2	
proof enclosure(IP65) for local control of 3ph air conditioners.    Supply and installation of DOL starter for PUMP motor with thermal overload protection, for 2kW motor					
proof enclosure(IP65) for local control of 3ph air conditioners.    Supply and installation of DOL starter for PUMP motor with thermal overload protection, for 2kW motor	C.	Supply and installation of 20/32A TP MCB in suitable weather	<u> </u>		
Supply and installation of DOL starter for PUMP motor with thermal overload protection, for 2kW motor  16 CABLE LAYING AND TERMINATIONS: Supply, laying and dressing of the following size of 1.1 KV grade XLPE insulated armoured cable with aluminium conductor concealed or clamped on wall / ceiling / trench / cable tray if necessary.  i) 4x240 Sq.mm AYFY  ii) 4x50 Sq.mm AYFY  iii) 4x50 Sq.mm AYFY  v) 4x35 Sq.mm AYFY  v) 4x35 Sq.mm AYFY  vi) 4x16 Sq.mm AYFY  iii) 4x95 Sq.mm AYFY  iii) 4x95 Sq.mm AYFY  viii) 3x6 Sq.mm AYFY  viii) 3x6 Sq.mm AYFY  iii) 4x10 Sq.mm AYFY  iii) 4x20 Sq.mm AYFY  iii) 4x20 Sq.mm AYFY  iii) 4x20 Sq.mm AYFY  iii) 4x20 Sq.mm AYFY  iv) 4x35 Sq.mm AYFY  iv) 4x35 Sq.mm AYFY  set 0  set		proof enclosure(IP65) for local control of 3ph air conditioners.	Set	2	
thermal overload protection, for 2kW motor  CABLE LAYING AND TERMINATIONS: Supply, laying and dressing of the following size of 1.1 KV grade XLPE insulated armoured cable with aluminium conductor concealed or clamped on wall / ceiling / trench / cable tray if necessary.  i) 4x240 Sq.mm AYFY  ii) 4x250 Sq.mm AYFY  iii) 4x50 Sq.mm AYFY  iv) 4x50 Sq.mm AYFY  v) 4x35 Sq.mm AYFY  v) 4x35 Sq.mm AYFY  vi) 4x16 Sq.mm AYFY  vii) 4x10 Sq.mm AYFY  iii) 3x6 Sq.mm AYFY  iii) 3x6 Sq.mm AYFY  viii) 3x6 Sq.mm AYFY  viii) 4x240 Sq.mm AYFY  iii) 4x25 Sq.mm AYFY  iii) 4x25 Sq.mm AYFY  set 0  iii) 4x26 Sq.mm AYFY  iii) 4x35 Sq.mm AYFY  iv) 4x35 Sq.mm AYFY  iv) 4x35 Sq.mm AYFY  set 0  iv) 4x35 Sq.mm AYFY  viii) 4x10 Sq.mm AYFY  set 0  iv) 4x35 Sq.mm AYFY  viii) 4x30 Sq.mm AYFY  viii) 4x50 Sq.mm AYFY  set 0  iv) 4x50 Sq.mm AYFY  viii) 4x50 Sq.mm AYFY  viii) 4x50 Sq.mm AYFY  viii) 4x50 Sq.mm AYFY  set 0  iv) 4x50 Sq.mm AYFY  viii) 4x10 Sq.mm AYFY  viii) 4x10 Sq.mm AYFY  set 0  iv) 4x25 Sq.mm AYFY  viii) 4x10 Sq.mm AYFY  viiii) 4x10 Sq.mm AYFY  viiii) 4x10 Sq.mm AYFY  viiii) 4x10 Sq.mm AYFY  viiii) 4x10 Sq.mm AYFY  viiiii) 4x10 Sq.mm AYFY  viiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii					
thermal overload protection, for 2kW motor  CABLE LAYING AND TERMINATIONS: Supply, laying and dressing of the following size of 1.1 KV grade XLPE insulated armoured cable with aluminium conductor concealed or clamped on wall / ceiling / trench / cable tray if necessary.  i) 4x240 Sq.mm AYFY  ii) 4x29 Sq.mm AYFY  iii) 4x70 Sq.mm AYFY  iii) 4x70 Sq.mm AYFY  iv) 4x35 Sq.mm AYFY  v) 4x35 Sq.mm AYFY  vi) 4x16 Sq.mm AYFY  vii) 4x10 Sq.mm AYFY  iii) 3x6 Sq.mm AYFY  iii) 3x6 Sq.mm AYFY  iii) 3x6 Sq.mm AYFY  iii) 4x20 Sq.mm AYFY  iii) 4x20 Sq.mm AYFY  iii) 4x20 Sq.mm AYFY  iii) 4x20 Sq.mm AYFY  iii) 4x30 Sq.mm AYFY  iii) 4x30 Sq.mm AYFY  iii) 4x30 Sq.mm AYFY  iv) 4x35 Sq.mm AYFY  iv) 4x35 Sq.mm AYFY  set 0  iv) 4x25 Sq.mm AYFY  iv) 4x35 Sq.mm AYFY  set 0  iv) 4x26 Sq.mm AYFY  iv) 4x35 Sq.mm AYFY  set 0  iv) 4x35 Sq.mm AYFY  iv) 4x35 Sq.mm AYFY  set 0  iv) 4x26 Sq.mm AYFY  iv) 4x35 Sq.mm AYFY  set 0  iv) 4x36 Sq.mm AYFY  iii) 4x30 Sq.mm AYFY  set 0  iv) 4x36 Sq.mm AYFY  iii) 4x30 Sq.mm AYFY  iiii) 4x30 Sq.mm AYFY  iiii 4x30 Sq.mm AYFY  iiii 4	15	Supply and installation of DOL starter for PUMP motor with			
16 CABLE LAYING AND TERMINATIONS: Supply, laying and dressing of the following size of 1.1 KV grade XLPE insulated armoured cable with aluminium conductor concealed or clamped on wall / ceiling / trench / cable tray if necessary.  i) 4x240 Sq.mm AYFY  ii) 4x50 Sq.mm AYFY  iii) 4x50 Sq.mm AYFY  iv) 4x55 Sq.mm AYFY  v) 4x35 Sq.mm AYFY  v) 4x35 Sq.mm AYFY  vi 4x16 Sq.mm AYFY  viii) 4x10 Sq.mm AYFY  iii) 3x6 Sq.mm AYFY  iii) 4x50 Sq.mm AYFY  viii) 3x6 Sq.mm AYFY  iii) 4x240 Sq.mm AYFY  iii) 4x240 Sq.mm AYFY  iii) 4x240 Sq.mm AYFY  iii) 4x25 Sq.mm AYFY  iii) 4x25 Sq.mm AYFY  iii) 4x25 Sq.mm AYFY  iii) 4x26 Sq.mm AYFY  iv) 4x35 Sq.mm AYFY  iv) 4x35 Sq.mm AYFY  vi) 4x36 Sq.mm AYFY  vii) 4x10 Sq.mm AYFY  set 0  3 Set 0  3 Set 0  4 Set 0  4 Set 0  5 Set 0  6 Set 0  6 Set 0  7 Set 0  8 Set 0  9 Set 0		····	Set	0	
of the following size of 1.1 KV grade XIPE insulated armoured cable with aluminium conductor concealed or clamped on wall / ceiling / trench / cable tray if necessary.  i) 4x240 Sq.mm AYFY ii) 4x95 Sq.mm AYFY iii) 4x95 Sq.mm AYFY iv) 4x50 Sq.mm AYFY v) 4x35 Sq.mm AYFY v) 4x35 Sq.mm AYFY vi) 4x16 Sq.mm AYFY vii) 4x10 Sq.mm AYFY viii) 3x6 Sq.mm AYFY viii) 3x6 Sq.mm AYFY viii) 3x6 Sq.mm AYFY viii) 4x240 Sq.mm AYFY set 0 sockets including gland earthing. i) 4x240 Sq.mm AYFY ii) 4x95 Sq.mm AYFY set 0 vi) 4x35 Sq.mm AYFY viii) 4x70 Sq.mm AYFY set 0 vi) 4x35 Sq.mm AYFY set 0 vi) 4x35 Sq.mm AYFY set 0					
of the following size of 1.1 KV grade XIPE insulated armoured cable with aluminium conductor concealed or clamped on wall / ceiling / trench / cable tray if necessary.  i) 4x240 Sq.mm AYFY ii) 4x95 Sq.mm AYFY iii) 4x95 Sq.mm AYFY iv) 4x50 Sq.mm AYFY v) 4x35 Sq.mm AYFY v) 4x35 Sq.mm AYFY vi) 4x16 Sq.mm AYFY vii) 4x10 Sq.mm AYFY viii) 3x6 Sq.mm AYFY viii) 3x6 Sq.mm AYFY viii) 3x6 Sq.mm AYFY viii) 4x240 Sq.mm AYFY set 0 sockets including gland earthing. i) 4x240 Sq.mm AYFY ii) 4x95 Sq.mm AYFY set 0 vi) 4x35 Sq.mm AYFY viii) 4x70 Sq.mm AYFY set 0 vi) 4x35 Sq.mm AYFY set 0 vi) 4x35 Sq.mm AYFY set 0	16	CABLE LAYING AND TERMINATIONS: Supply, laying and dressing			
cable with aluminium conductor concealed or clamped on wall / ceiling / trench / cable tray if necessary.  i) 4x240 Sq.mm AYFY  ii) 4x95 Sq.mm AYFY  iii) 4x70 Sq.mm AYFY  v) 4x50 Sq.mm AYFY  v) 4x50 Sq.mm AYFY  vi 4x16 Sq.mm AYFY  iii) 4x70 Sq.mm AYFY  viii) 3x6 Sq.mm AYFY  m 0  45  cable glands and heavy duty tinned aluminium crimping type cable sockets including gland earthing.  i) 4x240 Sq.mm AYFY  ii) 4x95 Sq.mm AYFY  iii) 4x95 Sq.mm AYFY  iii) 4x95 Sq.mm AYFY  set 0  iii) 4x70 Sq.mm AYFY  vi 4x35 Sq.mm AYFY  set 0  iii) 4x70 Sq.mm AYFY  vi 4x35 Sq.mm AYFY  set 0  iii) 4x70 Sq.mm AYFY  set 0  iii) 4x70 Sq.mm AYFY  set 0  iii) 4x10 Sq.mm AYFY  iiii) 4x10 Sq.mm AYFY  iiii 4x10 Sq.mm AYFY  iiiii 4x10 Sq.mm AYFY  iiii 4x10 Sq.mm AYFY  iiii 4x10 Sq.mm AYFY  iiii 5x10 MY AYIO Sq.mm AYFY  iiii 5x10 MY AYIO Sq.mm AYFY  iiii 5x10 MY AYIO Sq.mm AYFY  iiii 6x10 MY AYIO Sq.mm AYFY  iiii 6x10		1			
ceiling / trench / cable tray if necessary. i) 4x240 Sq.mm AYFY ii) 4x95 Sq.mm AYFY iii) 4x95 Sq.mm AYFY iii) 4x70 Sq.mm AYFY v) 4x35 Sq.mm AYFY v) 4x35 Sq.mm AYFY vi) 4x16 Sq.mm AYFY vii) 4x16 Sq.mm AYFY viii) 3x6 Sq.mm AYFY viii) 3x6 Sq.mm AYFY viii) 4x10 Sq.mm AYFY viii) 4x20 Sq.mm AYFY set 0 ii) 4x240 Sq.mm AYFY iii) 4x95 Sq.mm AYFY iii) 4x95 Sq.mm AYFY set 0 iii) 4x95 Sq.mm AYFY viii) 4x10 Sq.mm AYFY set 0 iii) 4x10 Sq.mm AYFY viii) 4x10 Sq.mm AYFY set 0 iii) 4x20 Sq.mm AYFY set 0 iii) 4x20 Sq.mm AYFY set 0 iii) 4x10 Sq.mm AYFY set 0 iii) 4x10 Sq.mm AYFY viii) 4x10 Sq.mm AYFY set 0 iii) 4x20 Sq.mm AYFY set 0 iii) 4x10 Sq.mm AYFY set 0 iii) 4x10 Sq.mm AYFY set 0 iii) 4x10 Sq.mm AYFY set 6 iiii) 4x10 Sq.mm AYFY set 6 iiii) 4x10 Sq.mm AYFY set 6 iiii) 4x10 Sq.mm AYFY iiii) 4x10 Sq.mm AYFY set 6 iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii					
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iii) 4x70 Sq.mm AYFY iv) 4x50 Sq.mm AYFY v) 4x35 Sq.mm AYFY v) 4x25 Sq.mm AYFY vii) 4x16 Sq.mm AYFY viii) 3x6 Sq.mm AYFY viii) 3x6 Sq.mm AYFY iii) 4x240 Sq.mm AYFY iii) 4x240 Sq.mm AYFY iii) 4x25 Sq.mm AYFY set 0 iv) 4x35 Sq.mm AYFY set 6 iv) 4x10 Sq.mm AYFY set 6 iv) 4x10 Sq.mm AYFY set 6 iv) 4x10 Sq.mm AYFY iii) 4x10 Sq.mm AYFY iiii) 4x10 Sq.mm AYFY iiiii 4x10 Sq.mm AYFY iiii 4x10 Sq.mm AYF					
iv) 4x50 Sq.mm AYFY v) 4x35 Sq.mm AYFY v) 4x25 Sq.mm AYFY vi) 4x16 Sq.mm AYFY vii) 4x16 Sq.mm AYFY viii) 3x6 Sq.mm AYFY viii) 3x6 Sq.mm AYFY  The cable glands and heavy duty tinned aluminium crimping type cable sockets including gland earthing. i) 4x240 Sq.mm AYFY ii) 4x95 Sq.mm AYFY ii) 4x95 Sq.mm AYFY iv) 4x50 Sq.mm AYFY iv) 4x50 Sq.mm AYFY set 0 iv) 4x50 Sq.mm AYFY vi) 4x55 Sq.mm AYFY set 0 iv) 4x55 Sq.mm AYFY set 0 iv) 4x55 Sq.mm AYFY set 0 iv) 4x35 Sq.mm AYFY set 0 iv) 4x16 Sq.mm AYFY vii) 4x16 Sq.mm AYFY set 6 iii 6i - CABLE TRAY: Suppy and installation of medium duty Glader type cable tray of following size. (Rate shall be inclusive of all bends supports,etc. And supports to be not more than 1000mm apart) ii) 450mmx50mm(WxH) ii) 650mmx50mm(WxH) iii) 650mmx50mm(WxH) iii) 650mmx50mm(WxH) iii) 650mmx50mm(WxH)					
v) 4x35 Sq.mm AYFY v) 4x25 Sq.mm AYFY vi) 4x16 Sq.mm AYFY vii) 4x10 Sq.mm AYFY viii) 3x6 Sq.mm AYFY The cable glands and heavy duty tinned aluminium crimping type cable sockets including gland earthing. i) 4x240 Sq.mm AYFY ii) 4x95 Sq.mm AYFY set 0 iii) 4x95 Sq.mm AYFY set 0 iv) 4x50 Sq.mm AYFY vi) 4x35 Sq.mm AYFY set 0 vi) 4x35 Sq.mm AYFY set 0 set 0 sockets including gland earthing. i) 4x940 Sq.mm AYFY set 0 set 0 sockets including gland earthing. ii) 4x95 Sq.mm AYFY set 0 set 0 sockets including gland earthing. iii) 4x95 Sq.mm AYFY set 0 set 0 sockets including gland earthing. iii) 4x10 Sq.mm AYFY set 0 set 0 sockets including gland earthing. iii) 4x10 Sq.mm AYFY set 0 set 0 sockets including gland earthing. ii) 450mm AYFY set 0 set 0 sockets including gland earthing. ii) 450mm AYFY set 0 set 0 sockets including gland earthing. ii) 450mmx50mm(WxH) iii) 650mmx50mm(WxH) iii) 650mmx50mm(WxH) iii) 650mmx50mm(WxH) iii) 650mmx50mm(WxH) iii) 650mmx50mm(WxH)		·			
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vi) 4x16 Sq.mm AYFY vii) 4x10 Sq.mm AYFY viii) 3x6 Sq.mm AYFY viii) 3x6 Sq.mm AYFY  The cable glands and heavy duty tinned aluminium crimping type cable sockets including gland earthing. i) 4x240 Sq.mm AYFY ii) 4x95 Sq.mm AYFY iii) 4x70 Sq.mm AYFY iv) 4x50 Sq.mm AYFY vi) 4x50 Sq.mm AYFY vi) 4x50 Sq.mm AYFY set vi) 4x16 Sq.mm AYFY viii) 4x16 Sq.mm AYFY set viii) 4x10 Sq.mm AYFY set o set d ast					
vii) 4x10 Sq.mm AYFY m 45   viii) 3x6 Sq.mm AYFY m 0   17 End termination of the following size of cables using flange type cable glands and heavy duty tinned aluminium crimping type cable sockets including gland earthing. set 0   i) 4x240 Sq.mm AYFY set 0   ii) 4x95 Sq.mm AYFY set 0   iii) 4x70 Sq.mm AYFY set 0   iv) 4x50 Sq.mm AYFY set 0   v) 4x35 Sq.mm AYFY set 0   vi) 4x25 Sq.mm AYFY set 4   vi) 4x16 Sq.mm AYFY set 6   viii) 4x10 Sq.mm AYFY set 6   Ia GI - CABLE TRAY: Suppy and installation of medium duty Gl Ladder type cable tray of following size. (Rate shall be inclusive of all bends supports,etc. And supports to be not more than 1000mm apart) i) 450mmx50mm(WxH) m 0   ii) 650mmx50mm(WxH) m 0					
viii) 3x6 Sq.mm AYFY  End termination of the following size of cables using flange type cable glands and heavy duty tinned aluminium crimping type cable sockets including gland earthing.  i) 4x240 Sq.mm AYFY  ii) 4x95 Sq.mm AYFY  iii) 4x70 Sq.mm AYFY  iv) 4x50 Sq.mm AYFY  v) 4x35 Sq.mm AYFY  vi) 4x25 Sq.mm AYFY  vi) 4x16 Sq.mm AYFY  vii) 4x10 Sq.mm AYFY  Set 6   GI - CABLE TRAY: Suppy and installation of medium duty Gl Ladder type cable tray of following size. (Rate shall be inclusive of all bends supports,etc. And supports to be not more than 1000mm apart) i) 450mmx50mm(WxH)  ii) 650mmx50mm(WxH)  m 0		'			
17 End termination of the following size of cables using flange type cable glands and heavy duty tinned aluminium crimping type cable sockets including gland earthing.  i) 4x240 Sq.mm AYFY  ii) 4x95 Sq.mm AYFY  iii) 4x70 Sq.mm AYFY  set 0  iii) 4x50 Sq.mm AYFY  v) 4x35 Sq.mm AYFY  vi) 4x25 Sq.mm AYFY  vi) 4x25 Sq.mm AYFY  set 6  IIII  18 GI - CABLE TRAY: Suppy and installation of medium duty Gl Ladder type cable tray of following size. (Rate shall be inclusive of all bends supports, etc. And supports to be not more than 1000mm apart)  i) 450mmx50mm(WxH)  ii) 650mmx50mm(WxH)  m 0					
cable glands and heavy duty tinned aluminium crimping type cable sockets including gland earthing.  i) 4x240 Sq.mm AYFY  ii) 4x95 Sq.mm AYFY  iii) 4x70 Sq.mm AYFY  set 0  iv) 4x50 Sq.mm AYFY  v) 4x35 Sq.mm AYFY  vi) 4x25 Sq.mm AYFY  vii) 4x16 Sq.mm AYFY  set 6  viii) 4x10 Sq.mm AYFY  set 6  viii) 4x10 Sq.mm AYFY  set 6  IB GI - CABLE TRAY: Suppy and installation of medium duty GI Ladder type cable tray of following size. (Rate shall be inclusive of all bends supports,etc. And supports to be not more than 1000mm apart)  i) 450mmx50mm(WxH)  m 0  ii) 650mmx50mm(WxH)  m 0		VIII) 3x0 3q.111111 ATT 1	111	0	
cable glands and heavy duty tinned aluminium crimping type cable sockets including gland earthing.  i) 4x240 Sq.mm AYFY  ii) 4x95 Sq.mm AYFY  iii) 4x70 Sq.mm AYFY  set 0  iv) 4x50 Sq.mm AYFY  v) 4x35 Sq.mm AYFY  vi) 4x25 Sq.mm AYFY  vii) 4x16 Sq.mm AYFY  set 6  viii) 4x10 Sq.mm AYFY  set 6  viii) 4x10 Sq.mm AYFY  set 6  IB GI - CABLE TRAY: Suppy and installation of medium duty GI Ladder type cable tray of following size. (Rate shall be inclusive of all bends supports,etc. And supports to be not more than 1000mm apart)  i) 450mmx50mm(WxH)  m 0  ii) 650mmx50mm(WxH)  m 0	17	End termination of the following size of cables using flange type			
sockets including gland earthing. i) 4x240 Sq.mm AYFY set 0 iii) 4x95 Sq.mm AYFY set 0 iii) 4x70 Sq.mm AYFY set 0 v) 4x50 Sq.mm AYFY v) 4x35 Sq.mm AYFY vi) 4x25 Sq.mm AYFY vii) 4x16 Sq.mm AYFY set 6 viii) 4x10 Sq.mm AYFY set 6  18 GI - CABLE TRAY: Suppy and installation of medium duty GI Ladder type cable tray of following size. (Rate shall be inclusive of all bends supports,etc. And supports to be not more than 1000mm apart) i) 450mmx50mm(WxH) m 0 ii) 650mmx50mm(WxH) m 0	'	1			
i) 4x240 Sq.mm AYFY ii) 4x95 Sq.mm AYFY set 0 iii) 4x70 Sq.mm AYFY set 0 v) 4x50 Sq.mm AYFY v) 4x35 Sq.mm AYFY vi) 4x25 Sq.mm AYFY vii) 4x16 Sq.mm AYFY set 6 viii) 4x10 Sq.mm AYFY Set 6  18 GI - CABLE TRAY: Suppy and installation of medium duty GI Ladder type cable tray of following size. (Rate shall be inclusive of all bends supports,etc. And supports to be not more than 1000mm apart) i) 450mmx50mm(WxH) m 0 ii) 650mmx50mm(WxH) m 0					
ii) 4x95 Sq.mm AYFY set 0 iii) 4x70 Sq.mm AYFY set 0 iv) 4x50 Sq.mm AYFY v) 4x35 Sq.mm AYFY vi) 4x25 Sq.mm AYFY vii) 4x16 Sq.mm AYFY set 6 viii) 4x10 Sq.mm AYFY Set 6  I8 GI - CABLE TRAY: Suppy and installation of medium duty GI Ladder type cable tray of following size. (Rate shall be inclusive of all bends supports,etc. And supports to be not more than 1000mm apart) i) 450mmx50mm(WxH) m 0 ii) 650mmx50mm(WxH) m 0			cot	٨	
iii) 4x70 Sq.mm AYFY iv) 4x50 Sq.mm AYFY v) 4x35 Sq.mm AYFY vi) 4x25 Sq.mm AYFY vii) 4x16 Sq.mm AYFY viii) 4x10 Sq.mm AYFY Set 6  Set 6  It Gi - CABLE TRAY: Suppy and installation of medium duty Gl Ladder type cable tray of following size. (Rate shall be inclusive of all bends supports,etc. And supports to be not more than 1000mm apart) i) 450mmx50mm(WxH) m 0 ii) 650mmx50mm(WxH) m 0					
iv) 4x50 Sq.mm AYFY v) 4x35 Sq.mm AYFY vi) 4x25 Sq.mm AYFY vii) 4x16 Sq.mm AYFY viii) 4x10 Sq.mm AYFY set 6 viii) 4x10 Sq.mm AYFY set 6    18 GI - CABLE TRAY: Suppy and installation of medium duty Gl Ladder type cable tray of following size. (Rate shall be inclusive of all bends supports, etc. And supports to be not more than 1000mm apart) i) 450mmx50mm(WxH) m 0  ii) 650mmx50mm(WxH) m 0			_	_	
v) 4x35 Sq.mm AYFY vi) 4x25 Sq.mm AYFY vii) 4x16 Sq.mm AYFY set 6 viii) 4x10 Sq.mm AYFY  Set 6  It adder type cable tray of following size. (Rate shall be inclusive of all bends supports,etc. And supports to be not more than 1000mm apart) i) 450mmx50mm(WxH) m 0  ii) 650mmx50mm(WxH) m 0					
vi) 4x25 Sq.mm AYFY vii) 4x16 Sq.mm AYFY viii) 4x10 Sq.mm AYFY  set 6 viii) 4x10 Sq.mm AYFY  set 6   GI - CABLE TRAY: Suppy and installation of medium duty GI Ladder type cable tray of following size. (Rate shall be inclusive of all bends supports, etc. And supports to be not more than 1000mm apart) i) 450mmx50mm(WxH) ii) 650mmx50mm(WxH) m 0		· · · · · · · · · · · · · · · · · · ·			
vii) 4x16 Sq.mm AYFY set 6 viii) 4x10 Sq.mm AYFY  18 GI - CABLE TRAY: Suppy and installation of medium duty GI Ladder type cable tray of following size. (Rate shall be inclusive of all bends supports,etc. And supports to be not more than 1000mm apart) i) 450mmx50mm(WxH) m 0 ii) 650mmx50mm(WxH) m 0				_	
viii) 4x10 Sq.mm AYFY  Set 6   18 GI - CABLE TRAY: Suppy and installation of medium duty GI Ladder type cable tray of following size. (Rate shall be inclusive of all bends supports,etc. And supports to be not more than 1000mm apart) i) 450mmx50mm(WxH) m 0 ii) 650mmx50mm(WxH) m 0		l ' '		-	
18 GI - CABLE TRAY: Suppy and installation of medium duty GI Ladder type cable tray of following size. (Rate shall be inclusive of all bends supports,etc. And supports to be not more than 1000mm apart) i) 450mmx50mm(WxH) m 0 ii) 650mmx50mm(WxH) m 0		' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '			
Ladder type cable tray of following size. (Rate shall be inclusive of all bends supports,etc. And supports to be not more than 1000mm apart)  i) 450mmx50mm(WxH)  m 0  ii) 650mmx50mm(WxH)  m 0		VIII) 4x10 Sq.mm AYFY	set	6	
Ladder type cable tray of following size. (Rate shall be inclusive of all bends supports,etc. And supports to be not more than 1000mm apart)  i) 450mmx50mm(WxH)  m 0  ii) 650mmx50mm(WxH)  m 0	10	CL CARLE TRAVE Common and installation of modelines in the			
all bends supports,etc. And supports to be not more than 1000mm apart) i) 450mmx50mm(WxH) m 0 ii) 650mmx50mm(WxH) m 0	τρ				
apart) i) 450mmx50mm(WxH) ii) 650mmx50mm(WxH)  m 0  m 0		l			
i) 450mmx50mm(WxH) m 0 ii) 650mmx50mm(WxH) m 0					
ii) 650mmx50mm(WxH) m 0		' · ·			
[iii)300mmx50mm(WxH)   m   0			m		
		III)300mmx50mm(WxH)	m	0	J l

a.	EARTHING AND LIGHTING PROTECTION  Supply and providing ISI pipe earthing as per IS 3043 with 2.5m long 40mm dia B class G.I. pipe providing GI clamp at the top of the GI pipe test joint, filling around the GI pipe at the radius of 15cm with homogeneous mixture of charcoal, common salt and river sand up to height of 2.5m from the bottom and the rest of the portion with excavated soil, providing brick work masonries, plastering, fixing cast iron cover of 30x30cm size etc. complete.  Making of Copper plate(600mmx600mmx3mm) Earth-pit as per IS	Set	2	
	3043 complete with charcoal, funnel set etc., including making of $450 \times 450 \text{mm}$ brick masonary chamber with CI / stone / fabricated / RCC cover with lifting handles stone / fabricated / RCC cover with ligting handles etc., complete as required.	Set	2	
	EARTH CONDUCTORS Supply and laying of the following size of bare copper conductor along with above cables, for interconnections between panels, DBs, change over switches etc.and also for interconnections between earth pits. i) No.10 SWG	m	30	
	Supply and laying of 2 X No. 10 SWG copper conductor through 20mm PVC conduit for UPS earthing.	m	30	
	Supply and laying of 25x3mm GI strip/tape supported on porcelain insulator on every 1m distance for lighting arrester system — the strip shall be insulated from having any direct contact from the building -shall use UPVC conduits while crossing the wall etc.	m	0	
	Supply and installation of - Copper Lightning arrestor spike – of 1m supported over proper insulator and connected to GL strip using proper nut bolt system.	Nos	0	
	Supply & installation of 4m length 40mm dia C-class GI pipe to be fixed over the terace of the building to erect Copper lightning arrester spike. The pole shall be mounted on insulators.	Set	0	
	Supply and providing tinned copper earth bench using 25 x 3 mm copper strip (25 Cm in length)	Set	3	
	WIRING FOR LIGHT, FAN, PLUG, SOCKETS ETC: Point Wiring: Supply and wiring for light /fan/exhaust fan/calling bell/mirror lamp/ bulkhead light/ wall fans etc. With 3plate ceiling rose and by using 3x1.5 sqmm. (1.5sqmm). PVC insulated copper conductor wire in 20mm dia 1.5mm thick rigid PVC conduit, controlled by 5A modular switches with provision for modular type Ceiling fan regulator on separately fabricated MS Box. The M.S box should be earthed properly. One way point.			
	Single light point controlled by a 6 Amp switch.	Nos	60	
	each Secondary light point connected to the single light points controlled by a switch.	Nos	27	
	2-WAY controlled lighting point for staircase, bed switch etc.	Nos	1	

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d.	Wall fan / Exhaust fan point - 6A, 3 pin modular socket on suitable metal box for wall fan controlled by switch in common SB	Nos	12		
e.	Ceilingl fan point - controlled by 6A switch in common SB with modular stepped regulator.	Nos	5		
21	Supply and fixing of Modular type <b>5A</b> 3pin plug points controlled by 5A modular switch mounted on suitable box (on common switch board) only in Strong room, Record/ Stationary rooms &		6		
22	Supply and fixing of Modular type <b>5A</b> 3 pin plug points with <b>5A</b> modular type switch in separate location.	Nos	3		
23	Raw Power Switch Box: Same as above but for 2 Nos. modular type 5 A 3 pin plug points with 2 nos. 5A modular type switch in separate location. (both sides of cash cabin desk, nodes etc)	Nos	7		
24	Supply and fixing of modular type 15A plug socket with 15A modular type switch mounted on suitable Box(for Mgr cabin, Cash Cabin, Pantry, Water cooler, etc.).		3		
25	Supply and installation of combined 5A modular plug socket with 5A modular switch & 15A combined modular plug socket with 15A modular switch in single box.(for EB supply at cashier counters / Manager cabin/UPS for ATM)	Nos	2		
26	Supply and providing <b>16A</b> plug top and 1.5m long 3 core 2.5Sqmm flexible copper cable (FRLS Type) for taking incoming supply from 16A socket. (For UPS/EB supply to back office manager & EB supply to strong room, line printer and record/ stationary rooms)	Nos	3		
27	Supply and Installation of <b>25A</b> Modular type 3 pin plug socket with suitable metallic box for air curtain/ air conditioners.	Nos	3		
28	Supply and Installation of <b>20A /32A</b> Modular type <b>DP</b> switch having indicator with suitable metallic box for the local control of the air conditioners/air Curtain.		3		
29	<b>UPS Power Stations</b> ::: Supply install Test and commissioning of computer power stations with 3nos 5A modular type sockets with 1nos 15A modular type sockets controlled with( 1nos. 15A modular type single pole switch with indicator mounted on M/S Box.) / controlled by master switch ( item 39) The boxes should be Fixed on – wall/ partitions(wooden, concealed or open as required at site. Maximum 3 sets per Circuit.	Nos	14		
30	Same as above but for 3 Nos. modular type 5 A 3 pin plug points with 2 nos. 15A modular type switch in separate location.(for Data Kraft rack / I/O Rack/ Cash cabin)		2		
31	Same as above but for 2 Nos. modular type 6 A 3 pin plug points with 2 nos. 6A modular type switch with indicator in separate location.(for countrers, Head cashier, etc on wall panel/ partition - Above the tabe and on wall for token machine, CCTV, TV etc)		2		
32	Supply, install, test and commissioning of 16A modular type master switch with indicator with suitable PVC box for the main control of UPS stations in the counters.		14		

33	Supply & Installation of USB charger oulets controlled by 6A switch (in Privillage lounge/ Hall)	Nos	0	
34	CIRCUIT WIRING: Supply and wiring wall / floor etc. / recessed / surface as per colour code with 3 runs of 1.1KV grade 1.5 Sqmm PVC insulated flexible copper wire for phase neutral and earth conductor with standard colour coding, through ISI marked 20mm dia(medium) rigid PVC conduit with all accessories. The rate includes the cost of complete wiring from switch box to switch box. THE WIRING SHALL BE DONE CONSEALED.	m	70	
35	Same as above but with 3 x 2.5 Sq.mm PVC Insulated copper wire(FRLS Type).(for lighting main circuit, 15A plug points & UPS point wiring ) (power circuit to VRF IDUs)		650	
36	Same as above but with 3 X 4sqmm. PVC insulated copper wire(FRLS Type). (for 1.5 / 2 T AC and UPS Out put COS to computer DB and for the Name Boards if there are multiple name boards or extra ordinary lengthy—Name Boards)	m	90	
37	Same as above but with 3 x 6 Sq.mm PVC Insulated copper wire through rigid conduit (32mm) on wall and flexible conduit on floor for UPS Input.(4m length x 2 UPS), AC input $3Tr/4Tr$ inv AC	m	20	
38	Same as above but with $4 \times 2.5$ Sq.mm with $2 \times 1.5$ sq.mm (for 3ph 3T inverter AC units) in 32mm dia conduit	m	0	
39	Same as above but with $4 \times 4$ Sq.mm with $2 \times 2.5$ sq.mm (for 3ph 4T inverter AC units)	m	0	
40	Same as above but with $4 \times 6$ Sq.mm with $1 \times 4$ sq.mm (for3ph UPS input)	m	45	
41	Same as above but with $4 \times 10$ Sq.mm + $1 \times 6$ sqmmPVC Insulated copper wire through rigid conduit on wall of 38mm dia	m	0	
a. b.	PVC CONDUITS:Supply and Fixing of following sizes of FRLS PVC conduit along with the accessories in surface in ceilling/ recess in walls, flooring including cutting the wall / floor etc., and making		45 40 55	
	LIGHT FIXTURES & FANS			
	Supply and Installation of 36~40W 600mmx600mm Square recess mounting (gypsum board ceiling) LED type luminaire (including required fixing frame, chain for suspending fron RCC ceiling) - Wipro, HPL, Havells, Orcus, 595mmx595mm cut out		22	
b	Supply & installation of 20 $^{\sim}18$ Watts DLED type LED light fitiing with lamps and white reflector on false ceiling ( UPS Light points) $^{\sim}205$ mm cut out	Nos	9	

С	Supply & installation of $9^{10}$ Watts DLED type LED light fitiing with lamps and white reflector on false ceiling - $^{13}$ 5mm cut out	Nos	40		
d	Supply and Installation of minimum 5m lenght flexible LED strip lights of 22~24 watts in false ceiling coves of Blue / warm White shades with necessary LED driver of same make	m	0		
е	Supply and fixing of $2^3$ watts LED spot lamp / swivel downlight - warm light for photoframe / decor lighting	Nos	0		
f	Supply and fixing of 1 X 20W LED Batten light set on wall /ceiling. Slim with metal body	Nos	14		
	Supply and Installation of 20~40W 2'x2' suspended / (drop) ceiling hanging type Round luminaire decorative (including required fixing frame) -Wipro, HPL, Havells, Orcus, Philips	Nos	0		
h	Supply and Installation of 36~40W out door type street light fixture LED including required fixing frame/pipe, ) -Wipro, HPL, Havells, Orcus	Nos	0		
i	Supply & installation of 60 Watts LED light down lighter and on false ceiling (for double height area) - Wipro, HPL, Havells, Orcus,	Nos	0		
i	Supply & installation of calling bell	Nos	1		
-	Supply and installation of 9" size medium duty exhaust fan.				
	(Toilets/ dinning)	Nos	2		
I	Supply and installation of 12" size medium duty exhaust fan. (UPS Room)	Nos	2		
m	Supply and Installation of 400 mm sweep wall fan with metal body and blades	Nos	6		
n	Supply amd installation of 1200mm sweep ceiling fan. <b>5 star rated</b> . (High Speed)	Nos	5		
0	Supply and providing fan rod with painting (upto 1m length) (other than that supplied with fan and if required)	Nos	0		
р	Supply and providing fan hook on ceiling.	Nos	0		
q	Supply and installation of 9W LED bulb with suitable batten holder	Noc	2		
	(Toilets & UPS light points)	Nos			
r	Supply and Installation of step type modular electronic regulator, 100W	Nos	5		
S	24hr digital /Anolog timer 1NO,1NC - 1 nos UPS exhaust fans	Nos	1		
44	Electrical safety - RUBBER mats of 1.1kV grade 1.8mx.0.9m	Nos	1		
45	Supply and fixing of: 1nos First aid kit, Safety chart, Danger boards	Set	1		
	2nos , No Admission boards-1nos				
46	Marking of Panels, DBs, its switch and fuse ratings, cable size, location etc (Neat identification from top to extreme load end of both light and power distribution including EB / UPS plug sockets and generator switch boards) using white / black paint and stencil. (free hand writing not allowed). Good quality stickers may also be used.	L.S	1		
				1	ı

diagram of the whole electrical & LAN installations using AutoCAD, Lamination and displaying it inside the UPS room. (Size – A3 (A2/A1).  48 Service charges for liaison work with EB authorities on behalf of bank for getting sanction for additional load, getting order for statutory payments, shifting/replacements of suitable. Energy meter meter if necessary, submission of completion report, obtaining final load sanction from concerned EB and displaying it in the UPS room after lamination. Etc.  49 Arranging temporary wiring for counters and cabins during renovation work  50 Removing old and unwanted wirngs, panels, fixtures from the premises, and disposing the same.  PART - A TOTAL AMOUNT IN FIGURES  PART-B TELEPHONE WIRING  1 Supply and wiring using 2 pair telephone cable (0.5mm2) in 20mm PVC conduit from the KRONE Box to the individual points. One separate cable for each point. Number of cables in one conduit limited to 5.  a. 2 pair telephone cabling  b. 10 pair telephone cabling  c) Supply and fixing of RJ 11 type modular telephone socket on suitable PVC/ metal boxes.  a. Telephone socket - single (modular type)  b. Telephone socket - double (modular type)  c) Telephone socket - double (modular type)  c) Telephone socket - double (modular type)  d) Telephone socket - double (modular type)  ASupply and installation of KRONE connector telephone junction box of 20 pair.  PART - B TOTAL AMOUNT IN FIGURES  PART-C: PA & MUSIC SYSTEM  1 Supply and diving as per colour code transparent speaker cable modular conduction of the conduction of					
bank for getting sanction for additional load, getting order for statutory payments, shifting/replacements of suitable. Energy meter meter if necessary, submission of completion report, obtaining final load sanction from concerned EB and displaying it in the UPS room after lamination. Etc.  49 Arranging temporary wiring for counters and cabins during renovation work  50 Removing old and unwanted wirngs, panels, fixtures from the premises, and disposing the same.  PART - A TOTAL AMOUNT IN FIGURES  PART-B TELEPHONE WIRING  1 Supply and wiring using 2 pair telephone cable (0.5mm2) in 20mm PVC conduit from the KRONE Box to the individual points. One separate cable for each point. Number of cables in one conduit limited to 5.  a. 2 pair telephone cabling  b. 10 pair telephone cabling  2 Supply and fixing of RJ 11 type modular telephone socket on suitable PVC/ metal boxes.  a. Telephone socket - single (modular type)  b. Telephone socket - double (modular type)  Nos 1  3 Supply and installation of KRONE connector telephone junction box of 20 pair.  PART - B TOTAL AMOUNT IN FIGURES  PART - C: PA & MUSIC SYSTEM  1 Supply and laying as per colour code transparent speaker cable m 0  PART - C TOTAL AMOUNT IN FIGURES	47	diagram of the whole electrical & LAN installations using AutoCAD, Lamination and displaying it inside the UPS room. (Size $-$ A3		1	
renovation work  50 Removing old and unwanted wirngs, panels, fixtures from the premises, and disposing the same.  PART - A TOTAL AMOUNT IN FIGURES  PART-B TELEPHONE WIRING  1 Supply and wiring using 2 pair telephone cable (0.5mm2) in 20mm PVC conduit from the KRONE Box to the individual points. One separate cable for each point. Number of cables in one conduit limited to 5.  a. 2 pair telephone cabling m 250 b. 10 pair telephone cabling m 250 c. a. Telephone socket - single (modular type) b. Telephone socket - single (modular type) Nos 1  3 Supply and installation of KRONE connector telephone junction Set 0 4 Supply and installation of KRONE connector telephone junction box of 20 pair.  PART - B TOTAL AMOUNT IN FIGURES  PART-C: PA & MUSIC SYSTEM  1 Supply and wiring as per colour code transparent speaker cable m 0 2 Supply and providing 9W recessed type speakers on ceiling CS Nos 0  PART - C TOTAL AMOUNT IN FIGURES  PART - C TOTAL AMOUNT IN FIGURES  PART - D: DATA CABLING  1 Supply and laying of CAT 6 UTP cable through 25mm dia rigid PVC conduit with all accessories etc.(2 run for SBI Connect also)  2 Supply and fixing of 2nos of CAT 6 Modular Information outlet Nos 9	48	bank for getting sanction for additional load, getting order for statutory payments, shifting/replacements of suitable. Energy meter meter if necessary, submission of completion report, obtaining final load sanction from concerned EB and displaying it in	L.S	0	
premises, and disposing the same.  PART - A TOTAL AMOUNT IN FIGURES  PART-B TELEPHONE WIRING  1 Supply and wiring using 2 pair telephone cable (0.5mm2) in 20mm PVC conduit from the KRONE Box to the individual points. One separate cable for each point. Number of cables in one conduit limited to 5.  a. 2 pair telephone cabling m 250 b. 10 pair telephone cabling m 250 c. 2 Supply and fixing of RJ 11 type modular telephone socket on suitable PVC / metal boxes. a. Telephone socket - single (modular type) Nos 7 b. Telephone socket - double (modular type) Nos 1  3 Supply and installation of KRONE connector telephone junction box of 20 pair.  PART - B TOTAL AMOUNT IN FIGURES  PART-C: PA & MUSIC SYSTEM  1 Supply and wiring as per colour code transparent speaker cable m 0 2 Supply and providing 9W recessed type speakers on ceiling CS Nos 0  PART - C TOTAL AMOUNT IN FIGURES  PART - D: DATA CABLING  1 Supply and laying of CAT 6 UTP cable through 25mm dia rigid PVC conduit with all accessories etc.(2 run for SBI Connect also)  2 Supply and fixing of 2nos of CAT 6 Modular Information outlet Nos 0	49		L.S	0	
PART-B TELEPHONE WIRING  1 Supply and wiring using 2 pair telephone cable (0.5mm2) in 20mm PVC conduit from the KRONE Box to the individual points. One separate cable for each point. Number of cables in one conduit limited to 5.  a. 2 pair telephone cabling m 250 b. 10 pair telephone cabling m 250 b. 10 pair telephone cabling m 50 limited PVC / metal boxes.  a. Telephone socket - single (modular type) Nos 7 b. Telephone socket - double (modular type) Nos 1  3 Supply and installation of KRONE connector telephone junction box of 20 pair.  PART - B TOTAL AMOUNT IN FIGURES  PART - C: PA & MUSIC SYSTEM  1 Supply and providing 9W recessed type speakers on ceiling CS Nos 0  PART - C TOTAL AMOUNT IN FIGURES  PART - D: DATA CABLING  1 Supply and laying of CAT 6 UTP cable through 25mm dia rigid PVC conduit with all accessories etc.(2 run for SBI Connect also)  2 Supply and fixing of 2nos of CAT 6 Modular Information outlet Nos 9	50		L.S	0	
1 Supply and wiring using 2 pair telephone cable (0.5mm2) in 20mm PVC conduit from the KRONE Box to the individual points. One separate cable for each point. Number of cables in one conduit limited to 5.  a. 2 pair telephone cabling m 250 b. 10 pair telephone socket on suitable PVC / metal boxes.  a. Telephone socket - single (modular type) Nos 1 p. Telephone socket - double (modular type) Nos 1 p. Telephone socket - double (modular type) Nos 1 p. Telephone socket - double (modular type) Nos 1 p. Telephone socket - double (modular type) Nos 1 p. Telephone socket - double (modular type) Nos 1 p. Telephone socket - double (modular type) Nos 1 p. Telephone socket - double (modular type) Nos 1 p. Telephone socket - double (modular type) Nos 1 p. Telephone socket - double (modular type) Nos 1 p. Telephone socket - double (modular type) Nos 1 p. Telephone socket - double (modular type) Nos 1 p. Telephone socket - double (modular type) Nos 1 p. Telephone socket - double (modular type) Nos 1 p. Telephone socket - double (modular type) Nos 1 p. Telephone socket - double (modular type) Nos 1 p. Telephone socket - double (modular type) Nos 1 p. Telephone socket - double (modular type) Nos 1 p. Telephone socket on suitable PVC		PART - A TOTAL AMOUNT IN FIGURES			
1 Supply and wiring using 2 pair telephone cable (0.5mm2) in 20mm PVC conduit from the KRONE Box to the individual points. One separate cable for each point. Number of cables in one conduit limited to 5.  a. 2 pair telephone cabling m 250 b. 10 pair telephone cabling m 250 b. Telephone socket - single (modular type) Nos 7 b. Telephone socket - double (modular type) Nos 1 1 supply and installation of KRONE connector telephone junction box of 20 pair.  PART - B TOTAL AMOUNT IN FIGURES  PART-C: PA & MUSIC SYSTEM  1 Supply and wiring as per colour code transparent speaker cable m 0 Supply and providing 9W recessed type speakers on ceiling CS Nos 0 PART - C TOTAL AMOUNT IN FIGURES  PART - D: DATA CABLING  1 Supply and laying of CAT 6 UTP cable through 25mm dia rigid PVC conduit with all accessories etc. (2 run for SBI Connect also) m 500 Supply and fixing of 2nos of CAT 6 Modular Information outlet Nos 9	PART-	B TELEPHONE WIRING			
a. 2 pair telephone cabling b. 10 pair telephone cabling  Calcal Supply and fixing of RJ 11 type modular telephone socket on suitable PVC / metal boxes. a. Telephone socket - single (modular type) b. Telephone socket - double (modular type) Nos 1  Supply and installation of KRONE connector telephone junction Set 0  Supply and installation of KRONE connector telephone junction box of 20 pair.  PART - B TOTAL AMOUNT IN FIGURES  PART-C: PA & MUSIC SYSTEM  Supply and wiring as per colour code transparent speaker cable m 0 Supply and providing 9W recessed type speakers on ceiling CS Nos 0  PART - C TOTAL AMOUNT IN FIGURES  PART - C TOTAL AMOUNT IN FIGURES  PART - C TOTAL AMOUNT IN FIGURES  PART - D: DATA CABLING  Supply and laying of CAT 6 UTP cable through 25mm dia rigid PVC conduit with all accessories etc.(2 run for SBI Connect also)  Supply and fixing of 2nos of CAT 6 Modular Information outlet Nos Q	<b>—</b>	Supply and wiring using 2 pair telephone cable (0.5mm2) in 20mm PVC conduit from the KRONE Box to the individual points. One separate cable for each point. Number of cables in one conduit			
2 Supply and fixing of RJ 11 type modular telephone socket on suitable PVC / metal boxes. a. Telephone socket - single (modular type) b. Telephone socket - double (modular type) Nos 1  3 Supply and installation of KRONE connector telephone junction Set 0 4 Supply and installation of KRONE connector telephone junction box of 20 pair.  PART - B TOTAL AMOUNT IN FIGURES  PART-C: PA & MUSIC SYSTEM 1 Supply and wiring as per colour code transparent speaker cable m 0 2 Supply and providing 9W recessed type speakers on ceiling CS Nos 0  PART - C TOTAL AMOUNT IN FIGURES  PART - D: DATA CABLING 1 Supply and laying of CAT 6 UTP cable through 25mm dia rigid PVC conduit with all accessories etc.(2 run for SBI Connect also)  2 Supply and fixing of 2nos of CAT 6 Modular Information outlet Nos 9		2 pair telephone cabling	m	250	
suitable PVC / metal boxes. a. Telephone socket - single (modular type) b. Telephone socket - double (modular type) Nos 1  3 Supply and installation of KRONE connector telephone junction Set 0  4 Supply and installation of KRONE connector telephone junction box of 20 pair.  PART - B TOTAL AMOUNT IN FIGURES  PART-C: PA & MUSIC SYSTEM  1 Supply and wiring as per colour code transparent speaker cable m 0  2 Supply and providing 9W recessed type speakers on ceiling CS Nos 0  PART - C TOTAL AMOUNT IN FIGURES  PART - D: DATA CABLING  1 Supply and laying of CAT 6 UTP cable through 25mm dia rigid PVC conduit with all accessories etc.(2 run for SBI Connect also)  2 Supply and fixing of 2nos of CAT 6 Modular Information outlet Nos 9	b.	10 pair telephone cabling	m		
suitable PVC / metal boxes. a. Telephone socket - single (modular type) b. Telephone socket - double (modular type) Nos 1  3 Supply and installation of KRONE connector telephone junction Set 0  4 Supply and installation of KRONE connector telephone junction box of 20 pair.  PART - B TOTAL AMOUNT IN FIGURES  PART-C: PA & MUSIC SYSTEM  1 Supply and wiring as per colour code transparent speaker cable m 0  2 Supply and providing 9W recessed type speakers on ceiling CS Nos 0  PART - C TOTAL AMOUNT IN FIGURES  PART - D: DATA CABLING  1 Supply and laying of CAT 6 UTP cable through 25mm dia rigid PVC conduit with all accessories etc.(2 run for SBI Connect also)  2 Supply and fixing of 2nos of CAT 6 Modular Information outlet Nos 9					
b. Telephone socket - double (modular type)  3 Supply and installation of KRONE connector telephone junction Set 0  4 Supply and installation of KRONE connector telephone junction box of 20 pair.  PART - B TOTAL AMOUNT IN FIGURES  PART-C: PA & MUSIC SYSTEM  1 Supply and wiring as per colour code transparent speaker cable m 0  2 Supply and providing 9W recessed type speakers on ceiling CS Nos 0  PART - C TOTAL AMOUNT IN FIGURES  PART-D: DATA CABLING  1 Supply and laying of CAT 6 UTP cable through 25mm dia rigid PVC conduit with all accessories etc.(2 run for SBI Connect also)  2 Supply and fixing of 2nos of CAT 6 Modular Information outlet Nos 9	2				
b. Telephone socket - double (modular type)  3 Supply and installation of KRONE connector telephone junction Set 0  4 Supply and installation of KRONE connector telephone junction box of 20 pair.  PART - B TOTAL AMOUNT IN FIGURES  PART-C: PA & MUSIC SYSTEM  1 Supply and wiring as per colour code transparent speaker cable m 0  2 Supply and providing 9W recessed type speakers on ceiling CS Nos 0  PART - C TOTAL AMOUNT IN FIGURES  PART-D: DATA CABLING  1 Supply and laying of CAT 6 UTP cable through 25mm dia rigid PVC conduit with all accessories etc.(2 run for SBI Connect also)  2 Supply and fixing of 2nos of CAT 6 Modular Information outlet Nos 9	a.	Telephone socket - single (modular type)	Nos	7	
3 Supply and installation of KRONE connector telephone junction Set 0 4 Supply and installation of KRONE connector telephone junction box of 20 pair.  PART - B TOTAL AMOUNT IN FIGURES  PART-C: PA & MUSIC SYSTEM  1 Supply and wiring as per colour code transparent speaker cable m 0 2 Supply and providing 9W recessed type speakers on ceiling CS Nos 0  PART - C TOTAL AMOUNT IN FIGURES  PART - C TOTAL AMOUNT IN FIGURES  PART - D: DATA CABLING  1 Supply and laying of CAT 6 UTP cable through 25mm dia rigid PVC conduit with all accessories etc.(2 run for SBI Connect also)  2 Supply and fixing of 2nos of CAT 6 Modular Information outlet Nos 9			Nos	1	
4 Supply and installation of KRONE connector telephone junction box of 20 pair.  PART - B TOTAL AMOUNT IN FIGURES  PART-C: PA & MUSIC SYSTEM  1 Supply and wiring as per colour code transparent speaker cable m 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		, , , , , , , , , , , , , , , , , , ,			
box of 20 pair.  PART - B TOTAL AMOUNT IN FIGURES  PART-C: PA & MUSIC SYSTEM  1 Supply and wiring as per colour code transparent speaker cable m 0 2 Supply and providing 9W recessed type speakers on ceiling CS Nos 0  PART - C TOTAL AMOUNT IN FIGURES  PART-D: DATA CABLING  1 Supply and laying of CAT 6 UTP cable through 25mm dia rigid PVC conduit with all accessories etc.(2 run for SBI Connect also)  2 Supply and fixing of 2nos of CAT 6 Modular Information outlet Nos 9	3	Supply and installation of KRONE connector telephone junction	Set	0	
PART-C: PA & MUSIC SYSTEM  1 Supply and wiring as per colour code transparent speaker cable m 0 2 Supply and providing 9W recessed type speakers on ceiling CS Nos 0  PART - C TOTAL AMOUNT IN FIGURES  PART-D: DATA CABLING  1 Supply and laying of CAT 6 UTP cable through 25mm dia rigid PVC conduit with all accessories etc.(2 run for SBI Connect also)  2 Supply and fixing of 2nos of CAT 6 Modular Information outlet Nos 9	4		Set	1	
1 Supply and wiring as per colour code transparent speaker cable m 0 2 Supply and providing 9W recessed type speakers on ceiling CS Nos 0  PART - C TOTAL AMOUNT IN FIGURES  PART-D: DATA CABLING  1 Supply and laying of CAT 6 UTP cable through 25mm dia rigid PVC conduit with all accessories etc.(2 run for SBI Connect also)  2 Supply and fixing of 2nos of CAT 6 Modular Information outlet Nos 9		PART - B TOTAL AMOUNT IN FIGURES			
2 Supply and providing 9W recessed type speakers on ceiling CS Nos 0  PART - C TOTAL AMOUNT IN FIGURES  PART-D: DATA CABLING  1 Supply and laying of CAT 6 UTP cable through 25mm dia rigid PVC conduit with all accessories etc.(2 run for SBI Connect also)  2 Supply and fixing of 2nos of CAT 6 Modular Information outlet Nos 9	PART-	C: PA & MUSIC SYSTEM			
PART - C TOTAL AMOUNT IN FIGURES  PART-D: DATA CABLING  Supply and laying of CAT 6 UTP cable through 25mm dia rigid PVC conduit with all accessories etc.(2 run for SBI Connect also)  Supply and fixing of 2nos of CAT 6 Modular Information outlet Nos 9	1	Supply and wiring as per colour code transparent speaker cable			
PART-D: DATA CABLING  1 Supply and laying of CAT 6 UTP cable through 25mm dia rigid PVC conduit with all accessories etc.(2 run for SBI Connect also)  2 Supply and fixing of 2nos of CAT 6 Modular Information outlet	2	Supply and providing 9W recessed type speakers on ceiling CS	Nos	0	
1 Supply and laying of CAT 6 UTP cable through 25mm dia rigid PVC conduit with all accessories etc.(2 run for SBI Connect also)  2 Supply and fixing of 2nos of CAT 6 Modular Information outlet		PART - C TOTAL AMOUNT IN FIGURES			
conduit with all accessories etc.(2 run for SBI Connect also)  2 Supply and fixing of 2nos of CAT 6 Modular Information outlet	PART-	D: DATA CABLING			
	1		m	500	
with SM box on wall / partitions etc.	2	,,,,	Nos	9	

3	Supply and fixing of 1nos of CAT 6 Modular Information outlet with SM box on wall / partitions etc.	Nos	2				
4	Supply and installation of 15U wall mounted type rack. (HCL/Valrack make)	Nos	1				
<u> </u>							
5	Supply and Installation of CAT6 24 port patch panel in the floor/wall mounted type rack. With cable manager	Nos	1				
6	Supply and installation of CAT6 26 port (1000Mbps) switch in the	Nos	0				
7	Supply and installation of 1 m long patch chord. (CAT 6)	Nos	20				
8	Supply and installation of 2 m long patch chord. (CAT 6)	Nos	11				
9	Supply and installation of 3 mlong patch chord. (CAT 6)	Nos	1				
10	Supply and installation of 5 mlong patch chord. (CAT 6)	Nos	1				
11	Testing of NODES with reports. (with PENTA scan reports)	Nos	20				
	PART - D TOTAL AMOUNT IN FIGURES						
	PART - A						
PART - B							
PART - C							

PART - D

TOTAL (EXCLUDING)