	А	В	С	D	Е	F
1		PRICE BID FOR ELECTRICAL WORK OF STATE BANK OF INDIA, B	RANCH AT	SARDU	LGARH	
3	S. No.	Item	Quantity	Units	Rate	Amount
4	1	SUB HEAD 1 (COMPUTER POINTS AND DISTRIBUTION)	Quantity	Ullits	Nate	Amount
	1	Supply all materials, receiving, storing, handling, fixing and laying 3 x 2.5 sq.mm PVC insulated copper conductor armoured cable and fixing of cable on wall with suitable size of clamps/saddles or laid in floor or recessed wall including cutting of floor/wall for computer points with suitable size GI Box with modular plate and cover in front including providing and fixing 3 no. 5 amp 5 pin modular sockets controlled by 1 no. 5Amp switch with indicator, connection end terminations with suitable size of glands etc. complete as required. (Only two points can be connected in series with single cable) (note: 5amp switch and indicator to be fixed on top of table and sockets to be fixed under the table, complete as required)	25.00	Each		
5 6		3 points for BM Cabin , 2 points for Networking Equipment's in Banking Hall and 2 per SEAT				
7	2	As per item 1 above but with 2 no. 16 amp 5 pin modular sockets controlled by 1 no. 16 amp modular switch and 6 amp indicator Lamp including the cover plate.	6.00	Each		
8		As per item 1 above but with 1 no. 16 amp 5 pin modular sockets controlled by 1 no. 16 amp modular switch and 6 amp indicator Lamp including the cover plate.	12.00	Each		
9	3	Wiring for lightpoints/ceiling points/ Exhaust Fans point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class pvc conduit with modular switch, modular plate suitable gi box and earthing the point with 1.5 sq mm FRLS PVC insulated copper conductor single core cable etc. including circuit wiring with 2 X 2.5 sq. mm +1 x 2.5 sq. mm earth wire as required (HT upto 4.5 m from floor)				
10	(a) (b)	1 no light controlled by 1 no switch 2 no light controlled by 1 no switch	23.00 36.00	Each Each		
11 12	(c)	5/6 pin 6 amp plug point with 6 amp switch	18.00	Each		
13	(5)			240		
14	4	Extension of wall fans: Extension of existing points with 2x1.5 sq.mm. PVC insulated copper conductor cable in suitable dia MS conduit in recess conduit wiring system for wall fan points with modular switches of 6 amp and 5 amp 5 pin modular sockets as per requirement and filling chassis etc complete as reqd.	19.00	no.		
15	5	Providing & laying following sizes of PVC insulated copper conductor cable of 1100 V in flexible/PVC conduit with accessories such as glands. bends etc.(as per requirement) including making necessary Inter connection etc complete as read.				
17		2 x 6 sq.mm with 1 no. suitable PVC insulated earth wire	35.00	mtr.		
18	6	Supply Installation, testing & commissioning of factory fabricated distribution board rust inhibited, powder coated Sheet sheet fabricated comprising of incoming & outgoing isolator & MCB's neutral link or neutral bus,top and bottom detachable entry earthing bolts Interconnection and grouting bolts etc complete as require as per details below:-				
19	a)	12 way MCBDB comprising of 1 no. 63 amp DPMCB "C"Series and 10 no. 6/10amp SPMCB's "C" SERIES. (for the UPS points each DB to be connected to 12 UPS points i.e only two points shall be connected with one MCB)	2.00	each		
20	b)	6 way MCBDB comprising of 1 no. 63 amp DPMCB "C"Series and 4 no. 6/10amp SPMCB's "C" SERIES. (for the UPS points each DB to be connected to 12 UPS points i.e only two points shall be connected with one MCB)	3.00	each		
21	c)	4 way TPDB comprising of 1 no. 100 amp 4 pole isolator and 6 no. 25 amp DPMCB (for Ac's). To be fixed in Banking Hall. DPMCB must be of C Series.	1.00	Each		
22	d)	4 way TPDB comprising of 1 no. 100 amp 4 pole isolator and 3 no. 32 amp TPNMCB (for Ac's). To be fixed in Banking Hall. DPMCB must be of C Series.	1.00	Each		
23	e)	4 way DB comprising of 1 no. 63 amp 4 pole TPNMCB (for UPS I/C).	1.00	Each		
24	<u>f)</u> g)	4 way DB comprising of 2 no. 32 amp DPMCB (for UPS) "C " Series 4 way TPDB comprising of 1 no. 63 Ampere TPNMCB C series and 12 nos. 6/10 amp SPMCB C Series. (For the lighting circuit and power circuit)	3.00	Each each		
	7	Supply, fixing and testing of following 3 pin metal clad industrial type plug &				
26	a)	socket arrangement with plug top cap & chain controlled by 1 No. MCB 20/25 amp with 20/25 amp SPMCB (one for making the plug socket arrangement for the record room so that the supply is connected only when the plug is inserted in the socket outside the record room for fire safety)	10.00	no.		
28	b)	30 amp with 32 amp SPMCB	0.00	no.		
29	c)	30 amp with 32 amp TPNMCB	3.00	no.		

S. S. No. 8 Providing & fixing suitable size of MS box fathicised with E.S.W.G.M.S. sheet either In receive will on our urface to accommodate dedicated earth from earth electrode and further additional or earth to computer points including providing SIMI bioduline sheet on bease connector stip and painting of box etc. 10 TOTAL SUB-HEAD : 11 Providing & fixing 3 Na. Dischalte sheet on bease connector stip and painting of box etc. 12 SUB-HEAD SIMINELS & CABLESI 12 SUB-HEAD SIMINELS & CABLESI 13 Wash FANDEL SIMINELS & CABLESI 14 Providing & fixing 3 Na. Dischalte sheet of hischness not less than 6 mm etc. 15 SUB-HEAD SIMINELS & CABLESI 15 SUB-HEAD SIMINELS & CABLESI 16 SUB-HEAD SIMINELS & CABLESI 17 Providing & fixing 3 Na. Dischalte sheet of hischness not less than 6 mm etc. 18 SUB-HEAD SIMINELS & CABLESI 18 SUB-HEAD SIMINELS & CABLESI 19 SUB-HEAD SIMINELS & CABLESI 20 SUB-HEAD SIMINELS & CABLESI 21 SUB-HEAD SIMINELS & CABLESI 22 SUB-HEAD SIMINELS & CABLESI 23 SUB-HEAD SIMINELS & CABLESI 24 SUB-HEAD SIMINELS & CABLESI 25 SUB-HEAD SIMINELS & CABLESI 26 SUB-HEAD SIMINELS & CABLESI 26 SUB-HEAD SIMINELS & CABLESI 27 SUB-HEAD SIMINELS & CABLESI 28 SUB-HEAD SIMINELS & CABLESI 29 SUB-HEAD SIMINELS & CABLESI 29 SUB-HEAD SIMINELS & CABLESI 29 SUB-HEAD SIMINELS & SUB-HEA		A	В	С	D	E	F
8 Providing & Inting suitable size of INS box fabricated with 16 SWG-MS, sheet either in recess will or our surface to accommodate declared earth from earth electrode and further distribution of earth to computer points including providing 5mm backetine sheet on tobes connector stipp and painting of box etc. 1 TOTAL SUB-HEAD-1 1 Providing & Inting 3 No.200 amp kil-hast (fluse carrier & base) with 1 no. neutral link in suitable size of backetils ether of thickness not less than 6 mm etc. 2 SWG-MS and Standard	3						
either in recess wall or on surface to accommodate dedicated earth from earth electrode and further distribution of count to computer points including providing Smm backalite sheet on base connector strp and painting of box etc complete as red, and a surface of the computer stream of the computer	П						
providing Srims backalite sheet on base connector strip and painting of box etc complete as reed. 1 TOTAL SUB-HEAD-1 CALLES) 1 Providing 6 long 3 No.200 amp Ni-Nator (luse carrier & base) with 1 no. neutral complete as reed. 1 Long 1 Providing 6 long 3 No.200 amp Ni-Nator (luse carrier & base) with 1 no. neutral complete as reed. 2 Supply 1 state installation, testing & commissioning of panel fabricated with 16 S.W.G.M.S. sheet. The panel shall be free standing type totally enclosed dust & verming proof construction with rubber gaskets. The floor mounting panel shall be reed to the complete as reed. 2 Supply 1 state installation, testing & commissioning of panel fabricated with 16 S.W.G.M.S. sheet. The panel shall be free standing type totally enclosed dust & verming proof construction with rubber gaskets. The floor mounting panel shall be reed to the complete as reed. 2 Supply 1 S.W.G.M.S. sheet. The panel shall be free standing type totally enclosed dust & verming proof construction as port requirement, and shall she supports of bus bases. The panel shall be pointed with designation of incoming & outgoing feeder as per details. below-requirement, and shall she supports of bus bases. The panel shall be pointed with designation of incoming & outgoing feeders as per details. below-requirement and amp meter with seeled road with a separate compartment and amp meter with seeled road with an as separate compartment and amp meter with seeled road with an as separate compartment and amp meter with seeled road with an as separate compartment and amp meter with seeled road with an as separate compartment and amp meter with seeled road with an as separate compartment and amp meter with seeled road with an as separate compartment and amp meter with seeled road with an as separate compartment and amp meter with seeled road with an assessment compartment and amp meter with seeled road with an assessment and an amp meter with seeled road and an assessment and a separate compartment and a separate compartment and a sepa			either In recess wall or on surface to accommodate dedicated earth from earth				
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TOTAL SUB-HEAD / I Providing & Inting S No. 200 amp kil-hast (flues carrier & base) with 1 no. neutral link on suitable size of backalte sheet of thickness not less than 6 mm etc.							
SUB HEAD ZEPANELS & CABLES 1 Providing & Rings 3 No.200 amp kirksati (use carrier & base) with 1 no. neutral link on suitable size of backalite sheet of thickness not less than 6 mm etc. complère as regit.	-						
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ink on suitable size of backelite sheet of thickness not less than 6 mm etc. 1,00 job complete as regd. 23 complete as regd. 29 Syr MAN PANEL 20 Syr MAN PANEL	- OL	1					
MAIN PANEL 2a) Suphy at site installation, testing & commissioning of panel fabricated with 16 S.W.G.M.S. sheet. The panel shall be tree standing type totally enclosed dust & vermin proof construction with rubber gaskets. The floor mounting panel shall have ISMC mounting channels, G.1. earth bus bar, bus bar chamber cable alloys interconnections with solid barPCV insulated copper conductor as per requirement, and suitable supports of bus bars. The panel shall be provided with designation of incoming & ougging feeder as per details below. 2 coats of enamely pant (grey shado)ever the primer and shall also be provided with designation of incoming & ougging feeder as per details below. 3				1.00	job		
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3 1 160 amp MCCB 4 pole with 36 KA breaking capacity at 415 Volts/ HIGHEST AVAILABLE. 3 b) 1 1 set of 300 amp TPN aluminium bus-bar chamber c) 1, no500 V Voltimeter with selector switch in a separate compartment and amp meter with selector switch and one set of CTs (3 no.) with CT ratio 250/5 with LED type indication lamps with protection fuses in a separate compartment with LED type indication lamps with protection fuses in a separate compartment with LED type indication lamps with protection fuses in a separate compartment with LED type indication lamps with protection fuses in a separate compartment with LED type indication lamps with protection fuses in a separate compartment with LED type indication lamps with protection fuses in a separate compartment with LED type indication lamps with protection fuses in a separate compartment with LED type indication lamps with protection fuses in a separate compartment with LED type indication lamps with protection fuses in a separate compartment with LED type indication lamps with protection fuses in a separate compartment with LED type indication lamps with protection fuses in a separate compartment with LED type indication lamps with protection fuses in a separate compartment with LED type indication lamps with LED type indication fuses in a separate compartment with LED type indication lamps with LED type indication lamps with lamps with lamps with LED type indication lamps with LED type indication grant lamps with LED type indication grant lamps with l			INCOMING				
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amp meter with selector switch and one set of CTs (3 no.) with CT ratio 250/5 with LEO type indication lamps with protection fuses in a separate compartment to the LEO type indication lamps with protection fuses in a separate compartment of the LEO type indication lamps with protection fuses in a separate compartment with LEO type indication lamps with protection fuses in a separate compartment of the LEO type indication lamps with protection fuses in a separate compartment with LEO type indication lamps with protection fuses in a separate compartment of the LEO type indication fuses in a separate compartment of the LEO type indication in the LEO type indicatio	38		1 set of 300 amp TPN aluminium bus-bar chamber				
with LEO type indication lamps with protection fuses in a separate compartment 40 OUTGOING a) 5 nos 63 AMP 3 pole MCCB (MCCB'S WITH 25KA BREAKING CAPACITY at 415 Volts. / HIGHEST AVAILABLE.) b) 1 nos 100 AMP 3 pole MCCB (MCCB'S WITH 25KA BREAKING CAPACITY at 415 Volts. / HIGHEST AVAILABLE.) c) 1 nos 102 AMP 3 pole MCCB (MCCB'S WITH 25KA BREAKING CAPACITY at 415 Volts. / HIGHEST AVAILABLE.) d) 3 Supply, installation, resting & commissioning of PVC insulated PVC sheathed amproved cable of 1100 V (15-1554 part 1) and fixing of cable on wall with suitable size of clamps/ saddles or laid in floor/recess well including cutting of floor/wall and making good the damages etc. complete as reed. of following sizes: a) 3.5 x 50 sq.mm. aluminium conductor with 2 no. 8S.WG.G.1. wire (from the Meter to the Main panel/from the Genset to the Change over and from change over to the essential panel.) b) 3 x 2.5 sq.mm. aluminium conductor with 2 no. 8S.WG.G.1. wire (from the essential panel to UPS VC) c) 3.5 x 2.5 sq.mm. aluminium conductor with 1 no. 8 S.WG.G.1. wire (from the essential panel to UPS VC) d) 4 x 10 sq.mm. aluminium conductor with 1 no. 8 S.WG.G.1. wire (from the essential panel to the Lighting DB, UPS panel and ACDB) d) 3 x 6 sq.mm copper conductor (for UPS DB) d) 3 x 6 sq.mm copper conductor (for UPS DB) d) 4 x 4 sq.mm copper conductor (for UPS DB) d) 5 x 2.5 sq.mm. aluminium conductor with 2 no. 8S.WG.G.1, wire essential panel to the Lighting DB, UPS panel and ACDB) d) 4 x 4 sq.mm copper conductor (for AC) 4 End termination with Brass compression glands including providing lugs/ferruls and making necessary connections etc. complete as reqd. of following sizes: s) 3 x 2.5 sq.mm. aluminium conductor d) 3.5 x 25 sq.mm. aluminium conductor essential panel to the Lighting of the panel shall have 15 years and the panel shall have 15		c)					
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4 at 415 Volts / HIGHEST AVAILABLE). 5 1 nos 10 AMP 3 pole MCCB (MCCB'S WITH 25KA BREAKING CAPACITY at 415 Volts / HIGHEST AVAILABLE). 6 1 nos 100 AMP 3 pole MCCB (MCCB'S WITH 25KA BREAKING CAPACITY at 415 Volts / HIGHEST AVAILABLE). 7 1 nos 125 AMP 4 pole MCCB (MCCB'S WITH 36KA BREAKING CAPACITY at 415 Volts / HIGHEST AVAILABLE). 8 3 Supply, installation, testing & commissioning of PVC insulated PVC sheathed armored cable of 1100 V (IS-1554 part I) and fixing of cable on wall with suitable size of clamps' saddles or laid in floor/recess wall including cutting of floor/wall and making good the damages etc. complete as reed. of following sizes: 4 a 3.5 x 50 sq.mm. aluminium conductor with 2 no. 8S.WG.G.1. wire (from the Meter to the Main panel) (from the Genset to the Change over and from change over to the essential panel, from the main panel to the essential panel). 4 b 3 x 2.5 sq.mm. copper conductor (for the Air-conditioning wiring) 4 c 9. 3.5 x 25 sq.mm. aluminium conductor with 2 no. 8S.WG.G.1. wire (from the essential panel to UPS UC) 4 v 10 sq.mm. aluminium conductor with 1 no. 8 S.WG.G.1. wire (from the essential panel to the Lighting DB, UPS panel and ACDB) 5 p 1 4 x 10 sq.mm. aluminium conductor (for UPS DB) 5 p 1 4 x 4 sq.mm copper conductor (for DB DB) 6 p 1 sq. x 4 sq.mm copper conductor (for AC) 4 End termination with Brass compression glands including providing lugs/ferruls and making necessary connections etc. complete as reed. of following sizes: 5 p 2 sq. x 3 sq.mm. aluminium conductor 5 p 2 sq. x 3 sq.mm. aluminium conductor 5 p 3 x 5 x 5 sq.mm. aluminium conductor with 2 no. 8S.WG.G.1. wire 6 p 0 sq. x 2 sq.mm. aluminium conductor 7 p 1 sq. x 3 sq.			OUTGOING				
at 415 Voits, /HIGHEST AVAILABLE). b) 1 nos 100 AMP 3 pole MCCB (MCCB'S WITH 25KA BREAKING CAPACITY at 415 Voits, /HIGHEST AVAILABLE). c) 1 nos 125 AMP 4 pole MCCB (MCCB'S WITH 36KA BREAKING CAPACITY at 415 Voits, /HIGHEST AVAILABLE). 3 Supply, installation, testing & commissioning of PVC insulated PVC sheathed armored cable of 1100 V (IS-1554 part I) and fixing of cable on wall with suitable size of clamps/ saddles or laid in floor/recess wall including cutting of floor/wall and making good the damages etc. complete as reed. of following sizes: a) 3.5 x 50 sq.mm. aluminium conductor with 2 no. 85.WG.G.1. wire (from the Meter to the Main panel)(from the Genset to the Change over and from change over to the essential panel, from the main panel to the essential panel.) c) 3.5 x 2.5 sq.mm. aluminium conductor with 2 no. 85.WG.G.1. wire (from the essential panel to 19P3 I/C) d) 4 x 10 sq.mm. aluminium conductor with 1 no. 8 S.WG.G.1. wire (from the essential panel to 19P3 I/C) d) 4 x 10 sq.mm. aluminium conductor with 1 no. 8 S.WG.G.1. wire (from the essential panel to the Lighting DB, UPS panel and ACDB) f) 4 x 4 sq.mm copper conductor (for UPS DB) f) 50 F) 4 x 4 sq.mm copper conductor (for UPS DB) g) 6 F) 4 x 4 sq.mm copper conductor (for UPS DB) g) 7 A x 8 sq.mm copper conductor (for UPS DB) g) 8 Sy. 2 Sq.mm. aluminium conductor with 2 no. 8S.WG.G.1. wire 4 End termination with Brass compression glands including providing lugs/ferruls and making necessary connections etc. complete as reqd. of following sizes:- 51 Sy. 3 3.5 x 50sq.mm. aluminium conductor 4 Condition of Mc.G.B. D.B. splug &socket arrangement and to cover cables in splus for the splus for the splus for the splus for installation on wallfillor including grouting of frame &painting etc. complete as reqd. comprising of the following: 5 Providing & fixing suitable size of angle iron frame suitable for installation on wallfillor including grouting of frame &painting etc. complete as reqd. comprising of the following: 5 Providing & fixin		a)		1.00	oot		
at 415 Volts. / HIGHEST AVAILABLE]. c) at 1415 Volts. / HIGHEST AVAILABLE]. 3 Supply, installation, testing & commissioning of PVC insulated PVC sheathed armored cable of 1100 V (IS-1554 part I) and fixing of cable on wall with suitable size of clamps/ saddles or laid in floor/recess wall including cutting of floor/wall and making good the damages etc. complete as reed. of following sizes: a) 3.5 x 50 sq.mm. aluminium conductor with 2 no. 8S.WG.G.1. wire (from the Meter to the Main panel)(from the Genset to the Change over and from change over to the essential panel.) c) 3.5 x 25 sq.mm. copper conductor (for the Air-conditioning wiring) c) 3.5 x 25 sq.mm. aluminium conductor with 2 no. 8S.WG.G.1. wire (from the essential panel to UPS I/C) d) 4 x 10 sq.mm. aluminium conductor with 1 no. 8 S.WG.G.1. wire (from the essential panel to UPS I/C) d) 4 x 10 sq.mm. aluminium conductor with 1 no. 8 S.WG.G.1. wire (from the essential panel to the Lighting DB, UPS panel and ACDB) 50 F) 4 x 4 sq.mm. copper conductor (for AC) 4 End termination with Brass compression glands including providing lugs/ferruls and making necessary connections etc. complete as reqd. of following sizes: 51 2 a) 3.5 x 25 sq.mm. copper conductor 4 00 each 5 0) 3 x 2.5 sq.sm. copper conductor 5 1 0 3 x 2.5 x 25 sq.mm. aluminium conductor 5 2 0 3 x 2.5 x 25 sq.mm. aluminium conductor 5 1 0 3 x 2.5 x 25 sq.mm. aluminium conductor 5 2 0 3 x 2.5 x 25 sq.mm. aluminium conductor 5 2 0 3 x 4 x 4 sq.mm. aluminium conductor 5 2 0 3 x 4 x 4 sq.mm. aluminium conductor 5 2 0 3 x 4 x 4 sq.mm. aluminium conductor 6 0 Providing & fixing suitable size of angle iron frame suitable for installation on wallfloor including grouting of frame &painting etc. complete as reqd. comprising of the following: 5 2 a) 1 NO.4 pole 200 amp capacity changeover switch 6 Providing & fixing suitable size of angle iron frame suitable for installation on wallfloor including grouting etc. complete as reqd. comprising of the following: 5 2 b) 1 x 3 x 4 x 4 x 4 x 4	41			1.00	Set		
the control of the co		b)					
at 415 Volts. / HIGHEST AVAILABLE]. 3 Supply, installation, testing & commissioning of PVC insulated PVC sheathed armored cable of 1100 V (IS-1554 part I) and fixing of cable on wall with suitable size of clamps/ saddles or laid in floor/recess wall including cutting of floor/wall and making good the damages etc. complete as reed. of following sizes: 44 a 3,5 x 50 sq.mm. aluminium conductor with 2 no. 8S.WG.G.1. wire (from the Meter to the Main panel)/(from the Genset to the Change over and from change over to the essential panel.) 45 b) 3 x 2.5 sq.mm. copper conductor (for the Air-conditioning wiring) 46 b) 3 x 2.5 sq.mm. aluminium conductor with 2 no. 8S.WG.G.1. wire (from essential panel to UPS I/C) 47 c) 47 vi 10 sq.mm. aluminium conductor with 1 no. 8 S.WG.G.1. wire (from the essential panel to UPS I/C) 48 e) 3 x 5 sq.mm. copper conductor (for PS DB) 49 e) 3 x 5 sq.mm copper conductor (for PS DB) 50 F) 4 x 4 sq.mm. copper conductor (for AC) 40 a Characteristic and making necessary connections etc. complete as reqd. of following sizes: 51 a) 3.5 x 50sq.mm. aluminium conductor 52 b) 3 x 2.5 sq.mm. aluminium conductor 53 b) 3 x 2.5 sq.mm. aluminium conductor 54 c) 3.5 x 25 sq.mm. aluminium conductor 55 d) 4 x 10sq.mm. aluminium conductor 56 e) 3 x 6.4 x 4 sq.mm copper conductor 57 c) 4 vi 10sq.mm. aluminium conductor 58 e) 3 x 6.4 x 4 sq.mm copper conductor 59 f) 6 r) 7 vividing & fixing suitable size of angle iron frame suitable for installation on wall/floor including grouting of frame &painting etc. complete as reqd. omprising of the following: 58 a) a) 1.00.4 pole 200 amp capacity changeover switch 6 Providing & fixing suitable size of angle iron frame suitable for installation on wall/floor including grouting of frame &painting etc. complete as reqd. omprising of the following: 59 system room including painting etc. complete 40 viving a fixing suitable size of angle iron frame suitable for installation on wall/floor including painting etc. complete 50 viving a fixing site of the p	42						
3 Supply, installation, testing & commissioning of PVC insulated PVC sheathed armored cable of 1100 V (IS-1554 part I) and fixing of cable on wall with suitable size of clamps/ saddles or laid in floor/recess wall including cutting of floor/wall and making good the damages etc. complete as reed. of following sizes:- 4 a) 3.5 x 50 sq.mm. aluminium conductor with 2 no. 8S.WG.G.1. wire (from the Meter to the Main panel)(from the Genset to the Change over and from change over to the essential panel, from the main panel to the essential panel) 4 b) 3 x 2.5 sq.mm. copper conductor (for the Air-conditioning wiring) 4 c) 3.5 x 25 sq.mm. aluminium conductor with 2 no. 8S.WG.G.1. wire (from the essential panel to UPS I/C) 4 d) 4 x 10 sq.mm. aluminium conductor with 1 no. 8S.WG.G.1. wire (from the essential panel to the Lighting DB, UPS panel and ACDB) 4 e) 3 x 6 sq.mm copper conductor (for UPS DB) 5 F) 4 x 4 sq.mm copper conductor (for VPS DB) 5 F) 4 x 4 sq.mm copper conductor (for AC) 4 End termination with Brass compression glands including providing lugs/ferruls and making necessary connections etc. complete as reqd. of following sizes:- 5 e) 3 x 5 x 50 sq.mm. aluminium conductor 5 e) 3 x 5 x 50 sq.mm. aluminium conductor 5 e) 3 x 6 x 4 sq.mm copper conductor 5 f) Froviding 8 fixing suitable size of angle iron frame suitable for installation on wallfloor including grouting of frame &painting etc. complete as reqd. omprising of the following: 5 providing 8 fixing 16 S.W.G. M.S. Sheet adapter box, and also base frame for installation of M.C.B. D.B. is plug &socket arrangement and to cover cables in system room including painting etc. complete as reqd. comprising of the following: 5 providing 8 fixing 16 S.W.G. M.S. Sheet adapter box, and also base frame for installation of M.C.B. D.B. is plug &socket arrangement and to cover cables in system room including painting etc. complete 8 cessential and M.C.B. D.B. is plug &socket arrangement and to cover cables in system room including painting etc. complete 8	43	C)					
armored cable of 1100 V (IS-1584 part I) and fixing of cable on wall with suitable size of clamps/ saddles or laid in floor/resess wall including outling of floor/wall and making good the damages etc. complete as reed. of following sizes:- a) 3.5 x 50 sq.mm. aluminium conductor with 2 no. 8S.WG.G.1. wire (from the Meter to the Main panel)(from the Genset to the Change over and from change over to the essential panel, from the main panel to the essential panel). c) 3.5 x 25 sq.mm. aluminium conductor with 2 no. 8S.WG.G.1. wire (from the essential panel to UPS I/C) d) 4 x 10 sq.mm. aluminium conductor with 1 no. 8 S.WG.G.1. wire (from the essential panel to UPS I/C) d) 4 x 10 sq.mm. aluminium conductor with 1 no. 8 S.WG. G.1. wire (from the essential panel to the Lighting DB, UPS panel and ACDB) 5 F) 4 x 4 sq.mm copper conductor (for VPS DB) 5 F) 4 x 4 sq.mm copper conductor (for VPS DB) 6 Change of the complete as read. of following sizes:- 5 Change of the complete as read. of following sizes:- 5 Change of the complete as read. of following sizes:- 5 Change of the complete as read. of following sizes:- 5 Change of the complete as read. of following sizes:- 5 Change of the complete of the complete as read. of following sizes:- 5 Change of the complete as read. of following sizes:- 5 Change of the complete of the complete as read. of following sizes:- 5 Change of the complete as read. of following sizes:- 5 Providing & fixing suitable size of angle iron frame suitable for installation on wall/floor including grouting of frame & panel iron frame suitable for installation on wall/floor including grouting of frame & panel iron frame suitable for installation on wall/floor including grouting of frame & panel iron frame suitable for installation on wall/floor including grouting of frame & panel iron frame suitable for installation on wall/floor including grouting of frame & panel iron frame suitable for installation on wall/floor including panel shall have ISMC mounting channels, G.1. earth bus bar, bus	75	3					
and making good the damages etc. complete as reed. of following sizes:- a) 3.5 x 50 sq.mm. aluminium conductor with 2 no. 8S.WG.G.1. wire (from the Meter to the Main panel)(from the Genset to the Change over and from change over to the essential panel, from the main panel to the essential panel.) b) 3 x 2.5 sq.mm. copper conductor (for the Air-conditioning wirring) c) 3.5 x 25 sq.mm. aluminium conductor with 2 no. 8S.WG.G.1. wire (from essential panel to UPS I/C) d) 4 x 10 sq.mm. aluminium conductor with 1 no. 8 S.WG.G.1. wire (from the essential panel to the Lighting DB, UPS panel and ACDB) 49 e) 3 x 6 sq.mm copper conductor (for AC) 4 End termination with Brass compression glands including providing lugs/ferruls and making necessary connections etc. complete as reqd. of following sizes:- 51 a) 3.5 x 50sq.mm. aluminium conductor 4 Conductor (for AC) 4 Sq.mm copper conductor 5 a) 3 x 2.5 sq.mm. aluminium conductor 5 c) 3.5 x 25 sq.mm. aluminium conductor 5 c) 3.5 x 25 sq.mm. aluminium conductor 5 c) 3.5 x 50sq.mm. aluminium conductor 6 c) 0 each 5 c) 0 each 5 c) 0 each 5 c) 0 each 6 c) 0 oeach 6 c) 0 oeach 7 conviding & fixing suitable size of angle iron frame suitable for installation on wall/floor including grouting of frame &painting etc. complete as reqd. comprising of the following: 8 a) 1 NO.4 pole 200 amp capacity changeover switch 6 c) 0 conviding & fixing 16 S.W.G.M.S. Sheet adapter box, and also base frame for installation of M.C.B. D.B.'s plug &socket arrangement and to cover cables in system room including painting etc. complete 6 c)							
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a) 3.5 x 50 sq.mm. aluminium conductor with 2 no. 8S.WG.G.1. wire (from the Meter to the Main panel) (from the Genset to the Change over and from change over to the essential panel, from the main panel to the essential panel.) 45 b) 3 x 2.5 sq.mm. copper conductor (for the Air-conditioning wiring) c) 3.5 x 25 sq.mm. aluminium conductor with 2 no. 8S.WG.G.1. wire (from essential panel to UPS I/C) d) 4 x 10 sq.mm. aluminium conductor with 1 no. 8 S.WG. G.1. wire (from the essential panel to the Lighting DB, UPS panel and ACDB) 48 e) 3 x 6 sq.mm copper conductor (for UPS DB) 50 F) 4 x 4 sq.mm copper conductor (for AC) 4 End termination with Brass compression glands including providing lugs/ferruls and making necessary connections etc. complete as reqd. of following sizes: 51 c) 3 s x 2.5 sq.mm. aluminium conductor with 2 no. 8S.WG.G.1. wire 4 sq. mo copper conductor (for AC) 4 22.00 each 5 d) 4 x 10sq.mm. aluminium conductor with 2 no. 8S.WG.G.1. wire 5 d) 3 x 2.5 sq.mm. copper conductor 5 d) 4 x 10sq.mm. aluminium conductor with 2 no. 8S.WG.G.1. wire 5 e) 3 x 6 x 3 x 4 sq.mm copper conductor 5 Providing & fixing suitable size of angle iron frame suitable for installation on wall/floor including grouting of frame &painting etc. complete as reqd. comprising of the following: 5 a) 1 NO.4 pole 200 amp capacity changeover switch 6 Providing & fixing 16 S.W.G. M.S. Sheet adapter box, and also base frame for installation of M.C.B. D.B.'s plug &socket arrangement and to cover cables in system room including painting etc. complete ESSENTIAL MAIN PANEL (EMP) 2 b) Supply at site installation, testing & commissioning of panel fabricated with 16 S.W.G. M.S. sheet . The panel shall be free standing type totally enclosed dust & vermin proof construction with rubber gaskets. The floor mounting panel shall have ISMC mounting channels, G.1. earth bus bar, bus bar chamber cable alleys interconnections with solid bar/PVC insulated copper conductor as per requirement, and suitable supports of bus bars. The panel sha			and making good the damages etc. complete as reed. of following sizes:-				
Meter to the Main panel)(from the Genset to the Change over and from change over to the essential panel, from the main panel to the essential panel.) 30.00 per mtr.	44	3)	3.5 v 50 sq.mm, aluminium conductor with 2 no. 85 WG G.1, wire (from the				
change over to the essential panel, from the main panel to the essential panel.) b anel.) 3 x 2.5 sq.mm. copper conductor (for the Air-conditioning wiring) c) 3,5 x 25 sq.mm. aluminium conductor with 2 no. 8S.WG.G.1. wire (from sessential panel to UPS I/C) d) 4 x 10 sq.mm. aluminium conductor with 1 no. 8 S.WG. G.1. wire (from the essential panel to the Lighting DB, UPS panel and ACDB) 48 e) 3 x 6 sq.mm copper conductor (for UPS DB) 50 F) 4 x 4 sq.mm copper conductor (for AC) 4 End termination with Brass compression glands including providing lugs/ferruls and making necessary connections etc. complete as reqd. of following sizes:- 51 52 a) 3.5 x 50sq.mm. aluminium conductor 53 b) 3 x 2.5 sq.mm. copper conductor 54 c) 3,5 x 25 sq.mm. aluminium conductor 55 d) 4 x 10 sq.mm. aluminium conductor 56 e) 3 x 6/4 x 4 sq.mm copper conductor 57 Providing & fixing suitable size of angle iron frame suitable for installation on wall/floor including growing of frame & panel for installation of mistallation of M.C.B. D.B.'s plug &socket arrangement and to cover cables in system room including parinting etc. complete 60 Providing & fixing 16 S.W.G. M.S. Sheet adapter box, and also base frame for installation of M.C.B. D.B.'s plug &socket arrangement and to cover cables in system room including parinting etc. complete 60 Providing & fixing 16 S.W.G. M.S. Sheet adapter box, and also base frame for installation of M.C.B. D.B.'s plug &socket arrangement and to cover cables in system room including parinting etc. complete 60 ESSENTIAL MAIN PANEL (EMP) 20 b) Supply at site installation, testing & commissioning of panel fabricated with 16 S.W.G.M.S. sheet. The panel shall be free standing type totally enclosed dust & vermin proof construction with rubber gaskets. The floor mounting panel shall have ISMC mounting channels, G.1. earth bus bar, bus bar chamber cable alleys interconnections with solid bar/PVC insulated copper conductor as per requirement, and suitable supports of bus bars. The panel shall be painted wit		a)					
66 b) 3 x 2.5 sq.mm. copper conductor (for the Air-conditioning wiring) 60.00 per mtr.				30.00	per mtr.		
c) 3.5 x 25 sq.mm. aluminium conductor with 2 no. 8S.WG.G.1. wire (from essential panel to UPS I/C) d) 4 x 10 sq.mm. aluminium conductor with 1 no. 8 S.WG. G.1. wire (from the essential panel to the Lighting DB, UPS panel and ACDB) 49 e) 3 x 6 sq.mm copper conductor (for UPS DB) 50 F) 4 x 4 sq.mm copper conductor (for AC) 40 End termination with Brass compression glands including providing lugs/ferruls and making necessary connections etc. complete as reqd. of following sizes:- 51 a) 3.5 x 50sq.mm. aluminium conductor 52 a) 3.5 x 50sq.mm. aluminium conductor 53 b) 3 x 2.5 sq.mm. copper conductor 54 c) 3.5 x 25 sq.mm. aluminium conductor 55 d) 4 x 10sq.mm. aluminium conductor 56 e) 3 x 6/4 x 4 sq.mm copper conductor 57 providing & fixing suitable size of angle iron frame suitable for installation on wall/floor including grouting of frame &painting etc. complete as reqd. comprising of the following: 58 a) 1 NO.4 pole 200 amp capacity changeover switch 6 Providing & fixing 16 S.W.G. M.S. Sheet adapter box, and also base frame for installation of M.C.B. D.B.'s plug &socket arrangement and to cover cables in system room including painting etc. complete 60 ESSENTIAL MAIN PANEL (EMP) 2b) Supply at site installation, testing & commissioning of panel fabricated with 16 S.W.G.M.S. sheet. The panel shall be free standing type totally enclosed dust & vermin proof construction with rubber gaskets. The floor mounting panel shall have ISMC mounting channels, G.1, earth bus bar, bus bar chamber cable alleys interconnections with solid bar/PVC insulated copper conductor as per requirement, and suitable supports of bus bars. The panel shall be painted with 2 coats of enamel paint (grey shade)ever the primer and shall also be provided with designation of incoming & outgoing feeder as per details below-	45						
essential panel to UPS I/C) d) 4 x 10 sq.mm. aluminium conductor with 1 no. 8 S.WG. G.1. wire (from the essential panel to the Lighting DB, UPS panel and ACDB) per mtr. 20.00 per mtr. 100.00 per mtr. 100.00 per mtr. 4 End termination with Brass compression glands including providing lugs/ferruls and making necessary connections etc. complete as reqd. of following sizes:- 10	46		3 x 2.5 sq.mm. copper conductor (for the Air-conditioning wiring)	60.00	per mtr.		
d) 4 x 10 sq.mm. aluminium conductor with 1 no. 8 S.WG. G.1. wire (from the essential panel to the Lighting DB, UPS panel and ACDB) 9 e) 3 x 6 sq.mm copper conductor (for UPS DB) 100.00 per mtr. 4 End termination with Brass compression glands including providing lugs/ferruls and making necessary connections etc. complete as reqd. of following sizes:- 10 a) 3.5 x 50sq.mm. aluminium conductor 22 a) 3 x 2.5 sq.mm. copper conductor 3 b) 3 x 2.5 sq.mm. aluminium conductor 4 c) 3.5 x 25 sq.mm. aluminium conductor 5 d) 4 x 10sq.mm. aluminium conductor 5 d) 4 x 10sq.mm. aluminium conductor 5 d) 4 x 10sq.mm. aluminium conductor 5 providing & fixing suitable size of angle iron frame suitable for installation on wall/floor including grouting of frame &painting etc. complete as reqd. comprising of the following: 6 providing & fixing 16 S.W.G. M.S. Sheet adapter box, and also base frame for installation of M.C.B. D.B.'s plug &socket arrangement and to cover cables in system room including painting etc. complete 2 b) Supply at site installation, testing & commissioning of panel fabricated with 16 S.W.G.M.S. sheet. The panel shall be free standing type totally enclosed dust & vermin proof construction with rubber gaskets. The floor mounting panel shall have ISMC mounting channels, G.1. earth bus bar, bus bar chamber cable alleys interconnections with solid bar/PVC insulated copper conductor as per requirement, and suitable supports of bus bars. The panel shall be pointed with 2 coats of enamel paint (grey shade)over the primer and shall also be provided with designation of incoming & outgoing feeder as per details below-	47	C)		55.00	per mtr.		
essential panel to the Lighting DB, UPS panel and ACDB 20.00 per Intr.	47	d)					
49 e) 3 x 6 sq.mm copper conductor (for UPS DB) 100.00 per mtr.	48	u)		20.00	per mtr.		
4 End termination with Brass compression glands including providing lugs/ferruls and making necessary connections etc. complete as reqd. of following sizes:- 52 a) 3.5 x 50sq.mm. aluminium conductor 4.00 each 5.00 3.5 x 25 sq.mm. copper conductor 22.00 each 6.00 ea	-	e)	3 x 6 sq.mm copper conductor (for UPS DB)		per mtr.		
and making necessary connections etc. complete as reqd. of following sizes:- 2 a) 3.5 x 50sq.mm. aluminium conductor 3 b) 3 x 2.5 sq.mm. copper conductor 4.00 each 22.00 each 52 c) 3.5 x 25 sq.mm. aluminium conductor with 2 no. 8S.WG.G.1. wire 8.00 each 53 d) 4 x 10sq.mm. aluminium conductor 54 e) 3 x 6/4 X 4 sq.mm copper conductor 55 d) 4 x 10sq.mm. aluminium conductor 56 e) 3 x 6/4 X 4 sq.mm copper conductor 57 Providing & fixing suitable size of angle iron frame suitable for installation on wall/floor including grouting of frame &painting etc. complete as reqd. comprising of the following: 58 a) 1 NO.4 pole 200 amp capacity changeover switch 60 Providing & fixing 16 S.W.G. M.S. Sheet adapter box, and also base frame for installation of M.C.B. D.B.'s plug &socket arrangement and to cover cables in system room including painting etc. complete ESSENTIAL MAIN PANEL (EMP) 2b) Supply at site installation, testing & commissioning of panel fabricated with 16 s.W.G.M.S. sheet. The panel shall be free standing type totally enclosed dust & vermin proof construction with rubber gaskets. The floor mounting panel shall have ISMC mounting channels, G.1. earth bus bar, bus bar chamber cable alleys interconnections with solid bar/PVC insulated copper conductor as per requirement, and suitable supports of bus bars. The panel shall be painted with 2 coats of enamel paint (grey shade) over the primer and shall also be provided with designation of incoming & outgoing feeder as per details below-	50			40.00	per mtr.		
51 a) 3.5 x 50sq.mm. aluminium conductor 4.00 each 53 b) 3 x 2.5 sq.mm. copper conductor 22.00 each 54 c) 3.5 x 25 sq.mm. aluminium conductor with 2 no. 8S.WG.G.1. wire 8.00 each 55 d) 4 x 10sq.mm. aluminium conductor 6.00 each 55 d) 4 x 10sq.mm. aluminium conductor 6.00 each 56 e) 3 x 6/4 X 4 sq.mm copper conductor 12.00 each 57 Providing & fixing suitable size of angle iron frame suitable for installation on wall/floor including grouting of frame &painting etc. complete as required. comprising of the following: 10.00 job 10.00 pob 10.00 approach 10.00 job 10.00 pob 10.00 approach 10.00 job 10.00 pob 10.00 approach 10.00 job 10.00 pob 10		4					
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b) 3 x 2.5 sq.mm. copper conductor c) 3.5 x 25 sq.mm. aluminium conductor with 2 no. 8S.WG.G.1. wire d) 4 x 10sq.mm. aluminium conductor d) 4 x 10sq.mm. aluminium conductor 6.00 each 12.00 each 7 Providing & fixing suitable size of angle iron frame suitable for installation on wall/floor including grouting of frame &painting etc. complete as reqd. comprising of the following: 8 a) 1 NO.4 pole 200 amp capacity changeover switch 6 Providing & fixing 16 S.W.G. M.S. Sheet adapter box, and also base frame for installation of M.C.B. D.B.'s plug &socket arrangement and to cover cables in system room including painting etc. complete 8 ESSENTIAL MAIN PANEL (EMP) 2b) Supply at site installation, testing & commissioning of panel fabricated with 16 S.W.G.M.S. sheet. The panel shall be free standing type totally enclosed dust & vermin proof construction with rubber gaskets. The floor mounting panel shall have ISMC mounting channels, G.1. earth bus bar, bus bar chamber cable alleys interconnections with solid bar/PVC insulated copper conductor as per requirement, and suitable supports of bus bars. The panel shall be painted with 2 coats of enamel paint (grey shade)over the primer and shall also be provided with designation of incoming & outgoing feeder as per details below-		a)	3.5 x 50sg.mm. aluminium conductor	4.00	each		
d) 4 x 10sq.mm. aluminium conductor 6 00 each 7 2.00 each 8 2 8 6 / 4 X 4 sq.mm copper conductor 7 2.00 each 8 3 x 6 / 4 X 4 sq.mm copper conductor 8 3 x 6 / 4 X 4 sq.mm copper conductor 8 4 2.00 each 9 5 Providing & fixing suitable size of angle iron frame suitable for installation on wall/floor including grouting of frame &painting etc. complete as reqd. comprising of the following: 8 a) 1 NO.4 pole 200 amp capacity changeover switch 8 Providing & fixing 16 S.W.G. M.S. Sheet adapter box, and also base frame for installation of M.C.B. D.B.'s plug &socket arrangement and to cover cables in system room including painting etc. complete 8 ESSENTIAL MAIN PANEL (EMP) 2 2b) Supply at site installation, testing & commissioning of panel fabricated with 16 S.W.G.M.S. sheet. The panel shall be free standing type totally enclosed dust & vermin proof construction with rubber gaskets. The floor mounting panel shall have ISMC mounting channels, G.1. earth bus bar, bus bar chamber cable alleys interconnections with solid bar/PVC insulated copper conductor as per requirement, and suitable supports of bus bars. The panel shall be painted with 2 coats of enamel paint (grey shade)over the primer and shall also be provided with designation of incoming & outgoing feeder as per details below-							
56 e) 3 x 6/4 X 4 sq.mm copper conductor 5 Providing & fixing suitable size of angle iron frame suitable for installation on wall/floor including grouting of frame &painting etc. complete as reqd. comprising of the following: 57 comprising of the following: 58 a) 1 NO.4 pole 200 amp capacity changeover switch 6 Providing & fixing 16 S.W.G. M.S. Sheet adapter box, and also base frame for installation of M.C.B. D.B.'s plug &socket arrangement and to cover cables in system room including painting etc. complete 60 ESSENTIAL MAIN PANEL (EMP) 2b) Supply at site installation, testing & commissioning of panel fabricated with 16 S.W.G.M.S. sheet. The panel shall be free standing type totally enclosed dust & vermin proof construction with rubber gaskets. The floor mounting panel shall have ISMC mounting channels, G.1. earth bus bar, bus bar chamber cable alleys interconnections with solid bar/PVC insulated copper conductor as per requirement, and suitable supports of bus bars. The panel shall be painted with 2 coats of enamel paint (grey shade)over the primer and shall also be provided with designation of incoming & outgoing feeder as per details below-						<u> </u>	
5 Providing & fixing suitable size of angle iron frame suitable for installation on wall/floor including grouting of frame &painting etc. complete as reqd. comprising of the following: 57							
wall/floor including grouting of frame &painting etc. complete as reqd. comprising of the following: 38 a) 1 NO.4 pole 200 amp capacity changeover switch 6 Providing & fixing 16 S.W.G. M.S. Sheet adapter box, and also base frame for installation of M.C.B. D.B.'s plug &socket arrangement and to cover cables in system room including painting etc. complete 80 ESSENTIAL MAIN PANEL (EMP) 2b) Supply at site installation, testing & commissioning of panel fabricated with 16 S.W.G.M.S. sheet. The panel shall be free standing type totally enclosed dust & vermin proof construction with rubber gaskets. The floor mounting panel shall have ISMC mounting channels, G.1. earth bus bar, bus bar chamber cable alleys interconnections with solid bar/PVC insulated copper conductor as per requirement, and suitable supports of bus bars. The panel shall be painted with 2 coats of enamel paint (grey shade)over the primer and shall also be provided with designation of incoming & outgoing feeder as per details below-	56			12.00	each		
comprising of the following: 38 a) 1 NO.4 pole 200 amp capacity changeover switch 6 Providing & fixing 16 S.W.G. M.S. Sheet adapter box, and also base frame for installation of M.C.B. D.B.'s plug &socket arrangement and to cover cables in system room including painting etc. complete 60 ESSENTIAL MAIN PANEL (EMP) 2b) Supply at site installation, testing & commissioning of panel fabricated with 16 S.W.G.M.S. sheet. The panel shall be free standing type totally enclosed dust & vermin proof construction with rubber gaskets. The floor mounting panel shall have ISMC mounting channels, G.1. earth bus bar, bus bar chamber cable alleys interconnections with solid bar/PVC insulated copper conductor as per requirement, and suitable supports of bus bars. The panel shall be painted with 2 coats of enamel paint (grey shade)over the primer and shall also be provided with designation of incoming & outgoing feeder as per details below-		5					
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	61						

	Α	В	С	D	Е	F
3	S. No.	Item	Quantity	Units	Rate	Amount
62		INCOMING				
63	a)	125 amp MCCB 4 pole WITH 36 KA breaking capacity AT 415 VOLTS.				
64	p)	1 set of 200 amp TPN aluminium bus-bar chamber				
	c)	1 no. 0-500 V Voltmeter with selector switch in a separate compartment and				
		amp meter with selector switch and one set of CT's (3 no.) with CT ratio 160/5 A with LED type indication lamps with protection fuses in a separate compartment				
65		with ELD type indication lamps with protection ruses in a separate compartment				
66		OUTGOING				
	a)	1 No. 100 amp 3 pole MCCB, 5 no 63 AMP 3 pole MCCB with separate				
		neutral link arrangement. (MCCB'S WITH 25KA BREAKING CAPACITY at 415	1.00	set		
67		Volts.)				
68		TOTAL SUB -HEAD 2				
69	4.4	SUB-HEAD 3 (EARTHING)				-
	1.1	Supply &fix copper plate earth station with 600x6000x3mm thick copper plate including all accessories such as watering pipe & funnel and providing				
		masonary enclosure at top with cover plate i/c excavation of pit supplying &	1.00	set		
		filling of salt charcoal, refilling of pit etc complete as reqd as per IS 3043-1987.	1.00	001		
70		The voltage between neutral & earth must be below 1 volt.				
	1.2	Supply & fix G.I. plate earth station with 600x600x6mm thick G.I. plate including				
		all accessories such as watering pipe & funnel and providing masonary				
		enclosure at top with cover plate i/c excavation of pit, supplying & filling of				
		charcoal, refilling of pit etc complete as reqd as per IS 3043-1987 (for the	2.00	set		
		neutral earthing from the point of neutral link beside the fuse connection				
71		and second for the body earthing connected to both panel body and the ups base panel)				
/ 1		NOTE: chamber for the earthing shall be available at site without it the				
		earthing cost shall not be paid for all the Earthing You are also required to				
		provide picture of earthing taken at the time of execution of the same.				
72						
	2	Supplying and laying 20 mm X 3 mm copper strip at 0.50 meter below ground				
		as strip earth electrode, including connection/ terminating with nut, bolt, spring,	3.00	mtr.		
73		washer etc. as required				
l l		Supplying, fixing & termination of 32 mm X 6 mm GI strip with earth station	6.00	mtr.		
74	3	below ground level and on wall saddle etc complete as reqd. Providing & fixing 8 S.W.G. Cu earth wire on surface or in recess for loop				
75	3	earthing etc. as reqd.	25.00	mtr.		
,,		Providing & fixing 6 S.W.G G.I. earth wire on surface or in recess for	00.00			
76		loopearthing etc. as reqd.	60.00	mtr.		
	4	Supply & laying following dia 2 mm in thickness PVC pipe under floor or in				
		recessed walls from earth electrode to UPS room for computer dedicated				
		earthing, for data cabling, electrical cabling etc. including providing 1 no. G.l.				
77	-\	pull wire for data cabling making good the damages etc. wherever reqd.	90.00	ma Au		
78 79	a)	25mm TOTAL SUB-HEAD -3	90.00	mtr.		
80		SUB HEAD 4 (NETWORKING)				
	1	Wiring for computer networking starting from mounting rack with UTP CAT-6				
		cable in 2 mm thick 25mm dia ISI mark PVC conduit with accessories such as				
		bends, junction boxes including providing and fixing I/O plates and SMB	25.00	no.		
		complete with ferruling & all networking accessories etc complete as reqd.				
81	-	Installation testing and commitment of 04 ments				\vdash
82	2	Installation, testing and commissioning of 24-port unmanaged switch 10/100 full duplex complete as regd. (to be supplied by the bank)	0.00	no.]
83	3	Supply, installation, testing and commissioning of 24-port Patch Panel	2.00	no.		
30	4	Supply installation, testing and commissioning of mounted rack 15" height				
84		made of powder coated MS sheet.	1.00	no.		<u> </u>
	5	Supply, fixing and commissioning of patch cable Cat-6 complete with 2 no.				
85		connectors etc. complete as reqd.	0=			
86	<u>a)</u>	1m long	25.00	no.		
87	b)	2m long Supply fiving and commissioning of cable Cat 6 complete with 2 no. connectors	10.00	no.		
	c)	Supply, fixing and commissioning of cable Cat-6 complete with 2 no. connectors or as required etc. complete as regd including upvc 19mm dia. pipe conduit of	30.00	mtr.		
88		heavy duty.	50.00	mu.		
H	6	Wiring for telephone points with 0.6 mm dia 2 pair insulated annealed tinned				
		electrolatic copper conductor in 2 mm thick 25 mm dia ISI marked PVC conduit				
		complete with accessories such as bends, junction boxes etc. with suitable	10.00	no.		
		size of G.I. box modular plate and cover in front on surface or in recess	10.00	110.		
		including providing and fixing modular type telephone socket outlet and making				
89		necessary connections etc. complete as reqd.				
00	7	Supply, fixing and commissioning of 20 pair tag block for telephone points. (box and strips Krone make)	1.00	no.		
90 91		TOTAL SUB -HEAD 4				+
92		10.11. 000 HB/0 T				
93		SUB-HEAD 5 (AIR CONDITIONING PIPING WORK)				

	Α	В	С	D	Е	F
3	S. No.	Item	Quantity	Units	Rate	Amount
	1	Supplying & Laying of following COPPER REFRIGERANT PIPING Thickness				
		22 SWG For Hi-wall Split AC complete with fittings Suction / Discharge line				
		insulated with 12 mm SUPERLON / ARMAFLEX suction line. Multi-runs				
		between Indoor & Outdoor units shall be considered as ONE length for the				
94		purpose of measurement.				
95		1/4" + 1/2" Refrigerant piping - For 1/ 1.5 ton Hi wall Split AC's	150.00	per mtr.		
96		5/8 " + 3/8" for 2 /3 ton HWS /CASSETTE AC	0.00	per mtr.		
	2	Supply and laying following dia 3.38mm (confirming to ASTM D1785 standard)				
		in thickness, heavy duty PVC pipe under floor or recessed in walls for AC	130.00	nor mtr		
		drains, { To nearest To including bends, Tees etc as required complete in all	130.00	per mtr.		
97		respect				
	3	Electrical flexible cable of 4 x 2.5sq.mm FRLS Cu cable multi strand suitable for	180.00	per mtr.		
98		2 Tr H.W Split & 1.5 Tr H.W Split. (AC indoor to outdoor connection)	100.00	per mi.		
	4	Electrical flexible cable of 4 x 4 sq.mm FRLS Cu cable multi strand suitable for 2	0.00	per mtr.		
99		Tr H.W Split & 1.5 Tr H.W Split.	0.00	per mu.		
100		TOTAL SUB-HEAD 5				
101						
102		SUB HEAD 6 (SUPPLY OF FANS & FIXTURES)				
	1	Supply and Installation of 36 watt. LED fitting crompton greaves (or equivalent)	28.00	no.		
103		LCTLRN-36-FO-CDL complete as required	20.00	110.		
	2	Supply and Installation of 15 watt. LED fitting crompton greaves (or equivalent)	60.00	no.		
104		LSDRMN-15 W-CDL complete as required	00.00	110.		
	3	Supply and Installation of 400/450 mm sweep metal body and metal blades	19.00	no.		
105		Turbo 180, USHA make or equilaent Crompton/Havells	13.00	110.		
	4	Supply and Installation of following Batten type LED fittings complete as reqd.				
106						
	a)	Supply and Installation of LED fitting 18 watt LCTL-18-CDL OF CROMPTON	8.00	no.		
107		OR EQUIVALENT OF PHILIPS/WIPRO	0.00	110.		
	5	Supply and Installation of 56" sweep ceiling fans complete with regulator,				
		hanging shackle & suitable down rod as per site conditioning complete as reqd.	2.00	no.		
108		(M/s Crompton high breeze or equivalent of USHA / Bajaj)				
	6	Supply and Installation of 250 mm (sweep) metal body exhaust fans complete				
		with self opening louvers/shutters etc. complete as reqd. (M/s Crompton or	6.00	no.		
109		equivalent of USHA / Havells)				
	7	SITC of 30 watt street light/flood light for lighting the front side of the branch				
		(with jounction box complete as required) (M/s Crompton Cat No. LSTS-30-	3.00	no.		
110		CDL or equivalent of Philips/Wipro.				
111		TOTAL SUB - HEAD 6				
112		TOTAL OUR USAR A				
113		TOTAL SUB-HEAD-1				
114		TOTAL SUB-HEAD-2				
115		TOTAL SUB-HEAD-3				1
116		TOTAL SUB-HEAD-4				1
117		TOTAL SUB-HEAD-5				
118		TOTAL SUB-HEAD-6				1
119		TOTAL OF THE SUB-HEADS-(1-5) A				1
120		TOTAL OF THE SUB-HEADS-(6) B				1
121		SUB TOTAL(A+B)				
122		NOTE, CCT CHALL BE DAID EVEDA				1
123		NOTE: GST SHALL BE PAID EXTRA				1
124						