	PRICE BI	D			
EI	LECTRICAL WORKS AT STATE BANK OF I	NDIA,	JUI KHUR	D BRANCH,	(HR)
PART-I:C	OMPUTER POINTS & DISTRIBUTION				
1	Supply all material, storing, handling, fixing of computer points computer points in suitable size	15	each		
	of GI/PVC box including providing 3 nos 5 amps 3 pin modular sockets to be provided under table				
	top and controlled by 1 no 15 A moduler type switch and indicator (to be provided above the				
	table top in partition) with moduler cover plate etc complete as required including 3X2.5 sq. mm				
	copper armored cable Note: Maximum two computer points are to be provided on one				
	circuit. (Switches : Make: Anchor/Crabtree/North-West/MK				
2	Supply, installation, testing and commissioning of factory fabricated distribution board rust				
	inhibited powder coated sheet fabricated comprising of incoming and outgoing isolator &				
	MCBs neutral link or neutral bus, top and bottom detachable entry earthing bolts interconnection				
	and grouting bolts etc complete as required as per details below. Make: Havells/HPL/Standard/				
	Legrand/L&T				
a)	8 way SPN MCBDB Double Door comprising of 1 No 63 Amp DP Isolator and 6 No SPMCB 10/16 Amp. (1	no.		
b)	UPS output) 6 way SPN MCBDB comprising of 1 No 63 Amp DP Toplator and (No SPMCB 10/16 Amp	1	No		
c)	Isolator and 4 No SPMCB 10/16 Amp. 4 Way TP MCBDB Double Door in recessed wall	1	no.		
	including cutting of wall and making good the damages comprising 1 no 100 A FP TPN and 6 Nos.32 A DPMCBS etc complete as required. (for				
	Air conditioning only).				
d)	4 WayTP MCBDB Double Door in recessed wall including cutting of wall and making good the	1	no.		
	damages comprising 1 no 30A ELCB and 12 Nos. 6/10 Amp SPMCBS etc complete as required. (for				
	Light, Fan point, Raw power points).				
e)	4 WayTP MCBDB Double Door in recessed wall including cutting of wall and making good the	1	no.		
	damages comprising 1 no 30AMP ELCB and 12 Nos. 20/25 Amp SPMCBS etc complete as required.				
3	(for Raw Power Only) <u>RAW POWER</u> : Supply all material, storing, handling, fixing of computer points computer points in	11	each		

				1	
	suitable size of GI/PVC box including providing 1				
	nos 15 amps 6 pin modular power sockets to be				
	provided controlled by 1 no 15 A moduler type				
	switch and indicator with moduler cover plate etc				
	complete as required including 3X2.5 sq. mm				
	copper armored cable. Note: One power points are				
	to be provided on one circuit and dirctly to be				
	connected on Power DB. (Switches : Make:				
	Anchor/Crabtree/North-West/MK				
4	Supply, installation, testing and commissioning				
	of following capacity 3 pin metal clad industrial				
	type plug and socket arrangement with plug top,				
	cap and chain controlled by under noted				
	capacity: (Make:				
	Havells/HPL/Standard/Legrand/L&T)				
a)	20 Amp with 20 Amp. C Curve SP MCB. (for 1.5	11	no.		
-	TR High wall split AC's)				
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b)	30 Amp with 32 Amp. DP MCB for Acs (for 2.0 TR	0	no.		
_	Cassette AC's)	-			
5	Providing and fixing of suitable size MS box	1	job		
	fabricated with 16 G MS sheet either in recess				
	wall or on surface to accommodate dedicated				
	earth from earth electrode and further				
	distribution of earth to computer points including				
	providing of 5 mm bakelite on base connector				
	strip and painting of box etc as required.				
6	Basic electrical Wiring of light points, plug points				
	& power points				
	Wiring for light point/ ceiling fan point/ exhaust				
	fan point with 1.5 sq.mm FRLS PVC insulated				
	copper conductor single core cable in surface /				
	recessed medium class PVC conduit ISI Mark,				
	with 6Amp modular switch, modular plate,				
	suitable GI junction & switch boxes & clip and				
	earthing the point with 1.5 sq.mm FRLS PVC				
	insulated copper conductor single core cable etc.				
	as required.(Wires Make: Havells/ RR Kable /				
	KEI/Finolex) (Switches : Make:				
	Anchor/Crabtree/North-West/MK)				
	(Rate includes 3 x 2.5 sq.mm FRLS copper				
	conductor, single core cable in PVC conduit for				
	circuit/sub main wiring along with earth wire)				
a)	single 6 Amp Switch controlling 1 light point for	20	no		
a)	T-5, Wall Fans, exhaust Fans , Ceiling fan and	20	no.		
			1	1	1
۲)	other seprate room supply only	10			
b)	single 6 Amp Switch controlling 4 no. downlights	12	no.		
b)		12	no.		

c)	single 6Amp socket controlling by 5Amp Modular	10	no.		
·	switch in switch boards etc complete as required				
	Note: Lingts/fans points to be calculated by				
	numbers of lights and no extra cost shall be paid				
	for dummy switch.)				
PART-II:	PANELS, KIT KATS & CABLES				
7	Providing and fixing of 03 no 200 Amps KITKAT	1	job		
	with 1 no neutral link on suitable size of Bakelite		-		
	sheet of thickness not less than 12 mm				
	complete as required				
8	MAIN PANEL: Supply at site installation testing				
	and commissioning of panel fabricated with 16 G				
	MS sheet. The panel shall be free standing type				
	totally enclosed dust and vermin proof				
	construction with rubber gaskets. The floor				
	mounting panel shall have ISMC mounting				
	channels, GI earth busbar, busbar chamber				
	,cable alleys interconnection with solid bar/PVC				
	insulated copper conductor as per requirement,				
	and suitable supports of busbars. The panel shall				
	be painted with two coats of enamel paint (Grey				
	shade) over primer and shall also be provided				
	with designation of Incoming and outgoing				
	feeder as details below:				
	INCOMING				
	1 no MCCB Breaking Capacity 25 KA 160 Amp 4P ,				
	Model-DU250 Series, L&T make				
	1 no 0 -500V digital Voltmeter in separate				
	compartment and digital Amp meter and one set				
	of CTs (3 Nos) with CT Ratio 200/5 A with LED				
	type phase Indication Lamps with protection				
	fuses in a separate compartment				
	200 Amps capacity 4 strips Aluminium bus bars.				
	OUTGOING				
	1 nos MCCB Breaking Capacity 25 KA 125 Amp 3P	1	set	1	
	and 1 nos MCCB Breaking Capacity 10 KA 100				
	Amp 3P with seprate neutral Link, DU Series, L&T				
	make.				
9	EMERGENCY PANEL (ON DG SUPPLY): Supply at site				
	installation testing and commissioning of panel				
	fabricated with 16 G MS sheet. The panel shall be				
	free standing type totally enclosed dust and				
	vermin proof construction with rubber gaskets.				
	The floor mounting panel shall have ISMC				
	mounting channels, GI earth busbar, busbar				
	chamber ,cable alleys interconnection with solid				
	bar/PVC insulated copper conductor as per				
	requirement, and suitable supports of busbars.				

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	The panel shall be painted with two coats of			
	enamel paint (Grey shade) over primer and shall			
	also be provided with designation of Incoming			
	and outgoing feeder as details below:			
	INCOMING			
	1 no MCCB Breaking Capacity 25 KA 125 Amp 4P ,			
	Model-DU250 Series, L&T make			
	1 no 0 -500V digital Voltmeter in separate			
	compartment and digital Amp meter and one set			
	of CTs (3 Nos) with CT Ratio 200/5 A with LED			
	type phase Indication Lamps with protection			
	fuses in a separate compartment			
	200 Amps capacity 4 strips Aluminium bus bars.			
	OUTGOING			
	2 nos MCCB Breaking Capacity 10 KA 100 Amp 3P	1	set	
	and 3 nos MCCB Breaking Capacity 10 KA 63 Amp			
	3P with seprate neutral Link, DU Series, L&T			
	make.			
10	Supply, Installation, testing & commissioning of			
	PVC insulated PVC sheathed armoured cable of			
	1100 V (IS ;1554 Part 1) and fixing of cable on			
	wall with suitable size of clamps /saddles or laid			
	in floor/recess wall including cutting of wall			
	/floor and making good the damages etc			
	complete as required of following sizes (ISI			
	marked). (Make: Havells/ RR Kable /			
	KEI/Finolex/Pymen)			
a)	3.5X50 sq. mm aluminum conductors armoured	40	mtr.	
	cable with two Nos. 8 SWG GI wire			
c)	3.5X25 sq. mm aluminum conductors armoured	44	mtr.	
	cable with two Nos. 8 SWG GI wire			
d)	3X6 sq. mm copper conductors armored cable	15	mtr.	
	with one Nos. 8 SWG GI wire			
e)	3X2.5 sq. mm copper conductors armored cable	56	mtr.	
11	Supplying and making end termination with brass			
	compression gland and aluminium lugs for			
	following size of PVC insulated and PVC sheathed			
	/ XLPE aluminium/Copper conductor cable of 1.1			
	kV grade as required.			
a)	3.5X50 sq.mm aluminum conductor	7	no.	
b)	3.5X 25 sq.mm aluminum conductor	8	no.	
c)	3X6 sq. mm Copper cable gland.	2	no.	
d)	3X 2.5 sq.mm aluminum conductor	18	no.	
12	Supplying & fixing the 1 no.4 pole 200 Amps	1	no.	
	capacity change over switch and complete			
	connection with Electrical Panels as required			
	.Make: Havells/HPL/Standard/ Legrand/L&T			

13	UPS DISTRIBUTION BOARD				
15	supply, installation, testing and commissioning				
	of factory fabricated distribution board rust				
	inhibited, powder coated sheet fabricated				
	comprising of incoming and outgoing isolator and				
	MCB's neutral link or neutral bus, top and bottom				
	detachable entry earthing bolts interconnection				
	and grouting bolts etc complete as requd. Make:				
	Havells/HPL/Standard/ Legrand/L&T				
	as per details below :-	0			
а	4 way DB comprising of 2 no. 63 amp DPMCB (UPS	2	each		
	out put)				
b	4 way TPNDB Double Door comprising of 1 no.	1	each		
	incoming 63 amp MCB & 3 no. 32 DPMCB (UPS				
	input)				
14	Providing and laying following sizes of PVC				
	insulated copper conductor cable of 1100 V in				
	flexible/ PVC conduit pipe with accessories such				
	as glands bends etc (as per requirement)				
	including making necessary interconnection etc				
	complete as required.				
	2 X 6 Sq mm with 1 no suitable insulated 2.5 sq	20	mtr.		
	mm multi stranded copper wire in PVC flexible				
	pipe. (Make: Havells/ RR Kable / KEI/Finolex)				
	pipe. (Make: Havells/ RR Kable / KEI/Finolex)				
15					
15	EARTHING				
15	EARTHING a)Supply and fix copper plate earth station with	1	Sets		
15	EARTHING a)Supply and fix copper plate earth station with 600X600X3mm copper plate <u>with 5M length</u>	1	Sets		
15	EARTHING a)Supply and fix copper plate earth station with 600X600X3mm copper plate <u>with 5M length</u> 20x3mm size copper strip below Ground Level,	1	Sets		
15	EARTHING a)Supply and fix copper plate earth station with 600X600X3mm copper plate <u>with 5M length</u> 20x3mm size copper strip below Ground Level, including all accessories such as watering pipe	1	Sets		
15	EARTHING a)Supply and fix copper plate earth station with 600X600X3mm copper plate <u>with 5M length</u> 20x3mm size copper strip below Ground Level, including all accessories such as watering pipe and funnel and providing masonry enclosure at	1	Sets		
15	EARTHING a)Supply and fix copper plate earth station with 600X600X3mm copper plate <u>with 5M length</u> 20x3mm size copper strip below Ground Level, including all accessories such as watering pipe and funnel and providing masonry enclosure at top with cover plate i.e excavation of pit,	1	Sets		
15	EARTHING a)Supply and fix copper plate earth station with 600X600X3mm copper plate with 5M length 20x3mm size copper strip below Ground Level, including all accessories such as watering pipe and funnel and providing masonry enclosure at top with cover plate i.e excavation of pit, supplying and filling of salt charcoal, refilling of	1	Sets		
15	EARTHING a)Supply and fix copper plate earth station with 600X600X3mm copper plate <u>with 5M length</u> 20x3mm size copper strip below Ground Level, including all accessories such as watering pipe and funnel and providing masonry enclosure at top with cover plate i.e excavation of pit, supplying and filling of salt charcoal, refilling of pit etc complete as required as per IS 3043-	1	Sets		
15	EARTHING a)Supply and fix copper plate earth station with 600X600X3mm copper plate with 5M length 20x3mm size copper strip below Ground Level, including all accessories such as watering pipe and funnel and providing masonry enclosure at top with cover plate i.e excavation of pit, supplying and filling of salt charcoal, refilling of pit etc complete as required as per IS 3043- 1987. The voltage between neutral and earth	1	Sets		
15	EARTHING a)Supply and fix copper plate earth station with 600X600X3mm copper plate with 5M length 20x3mm size copper strip below Ground Level, including all accessories such as watering pipe and funnel and providing masonry enclosure at top with cover plate i.e excavation of pit, supplying and filling of salt charcoal, refilling of pit etc complete as required as per IS 3043- 1987. The voltage between neutral and earth must be below 1 V.				
15	EARTHING a)Supply and fix copper plate earth station with 600X600X3mm copper plate with 5M length 20x3mm size copper strip below Ground Level, including all accessories such as watering pipe and funnel and providing masonry enclosure at top with cover plate i.e excavation of pit, supplying and filling of salt charcoal, refilling of pit etc complete as required as per IS 3043- 1987. The voltage between neutral and earth must be below 1 V. b)Supply and fix GI plate earth station with	1	Sets		
15	EARTHING a)Supply and fix copper plate earth station with 600X600X3mm copper plate with 5M length 20x3mm size copper strip below Ground Level, including all accessories such as watering pipe and funnel and providing masonry enclosure at top with cover plate i.e excavation of pit, supplying and filling of salt charcoal, refilling of pit etc complete as required as per IS 3043- 1987. The voltage between neutral and earth must be below 1 V. b)Supply and fix GI plate earth station with 600X600X6mm GI plate with 5M length 20x3mm				
15	EARTHING a)Supply and fix copper plate earth station with 600X600X3mm copper plate <u>with 5M length</u> 20x3mm size copper strip below Ground Level, including all accessories such as watering pipe and funnel and providing masonry enclosure at top with cover plate i.e excavation of pit, supplying and filling of salt charcoal, refilling of pit etc complete as required as per IS 3043- 1987. The voltage between neutral and earth must be below 1 V. b)Supply and fix GI plate earth station with 600X600X6mm GI plate <u>with 5M length 20x3mm</u> size GI strip below Ground Level including all				
15	EARTHING a)Supply and fix copper plate earth station with 600X600X3mm copper plate with 5M length 20x3mm size copper strip below Ground Level, including all accessories such as watering pipe and funnel and providing masonry enclosure at top with cover plate i.e excavation of pit, supplying and filling of salt charcoal, refilling of pit etc complete as required as per IS 3043- 1987. The voltage between neutral and earth must be below 1 V. b)Supply and fix GI plate earth station with 600X600X6mm GI plate with 5M length 20x3mm size GI strip below Ground Level including all accessories such as watering pipe and funnel				
15	EARTHING a)Supply and fix copper plate earth station with 600X600X3mm copper plate with 5M length 20x3mm size copper strip below Ground Level, including all accessories such as watering pipe and funnel and providing masonry enclosure at top with cover plate i.e excavation of pit, supplying and filling of salt charcoal, refilling of pit etc complete as required as per IS 3043- 1987. The voltage between neutral and earth must be below 1 V. b)Supply and fix GI plate earth station with 600X600X6mm GI plate with 5M length 20x3mm size GI strip below Ground Level and providing masonry enclosure at top with				
15	EARTHING a)Supply and fix copper plate earth station with 600X600X3mm copper plate with 5M length 20x3mm size copper strip below Ground Level, including all accessories such as watering pipe and funnel and providing masonry enclosure at top with cover plate i.e excavation of pit, supplying and filling of salt charcoal, refilling of pit etc complete as required as per IS 3043- 1987. The voltage between neutral and earth must be below 1 V. b)Supply and fix GI plate earth station with 600X600X6mm GI plate with 5M length 20x3mm size GI strip below Ground Level including all accessories such as watering pipe and funnel and providing masonry enclosure at top with cover plate i.e excavation of pit, supplying and				
15	EARTHING a)Supply and fix copper plate earth station with 600X600X3mm copper plate with 5M length 20x3mm size copper strip below Ground Level, including all accessories such as watering pipe and funnel and providing masonry enclosure at top with cover plate i.e excavation of pit, supplying and filling of salt charcoal, refilling of pit etc complete as required as per IS 3043- 1987. The voltage between neutral and earth must be below 1 V. b)Supply and fix GI plate earth station with 600X600X6mm GI plate with 5M length 20x3mm size GI strip below Ground Level including all accessories such as watering pipe and funnel and providing masonry enclosure at top with cover plate i.e excavation of pit, supplying and filling of salt charcoal, refilling of pit etc				
	EARTHING a)Supply and fix copper plate earth station with 600X600X3mm copper plate with 5M length 20x3mm size copper strip below Ground Level, including all accessories such as watering pipe and funnel and providing masonry enclosure at top with cover plate i.e excavation of pit, supplying and filling of salt charcoal, refilling of pit etc complete as required as per IS 3043- 1987. The voltage between neutral and earth must be below 1 V. b)Supply and fix GI plate earth station with 600X600X6mm GI plate with 5M length 20x3mm size GI strip below Ground Level including all accessories such as watering pipe and funnel and providing masonry enclosure at top with cover plate i.e excavation of pit, supplying and filling of salt charcoal, refilling of pit etc complete as required as per IS 3043-1987.	2	Sets		
15	EARTHING a)Supply and fix copper plate earth station with 600X600X3mm copper plate with 5M length 20x3mm size copper strip below Ground Level, including all accessories such as watering pipe and funnel and providing masonry enclosure at top with cover plate i.e excavation of pit, supplying and filling of salt charcoal, refilling of pit etc complete as required as per IS 3043- 1987. The voltage between neutral and earth must be below 1 V. b)Supply and fix GI plate earth station with 600X600X6mm GI plate with 5M length 20x3mm size GI strip below Ground Level including all accessories such as watering pipe and funnel and providing masonry enclosure at top with cover plate i.e excavation of pit, supplying and filling of salt charcoal, refilling of pit etc complete as required as per IS 3043-1987. a)Providing and fixing of 8 SWG copper earth wire				
	EARTHING a)Supply and fix copper plate earth station with 600X600X3mm copper plate with 5M length 20x3mm size copper strip below Ground Level, including all accessories such as watering pipe and funnel and providing masonry enclosure at top with cover plate i.e excavation of pit, supplying and filling of salt charcoal, refilling of pit etc complete as required as per IS 3043- 1987. The voltage between neutral and earth must be below 1 V. b)Supply and fix GI plate earth station with 600X600X6mm GI plate with 5M length 20x3mm size GI strip below Ground Level including all accessories such as watering pipe and funnel and providing masonry enclosure at top with cover plate i.e excavation of pit, supplying and filling of salt charcoal, refilling of pit etc complete as required as per IS 3043-1987. a)Providing and fixing of 8 SWG copper earth wire in the recess for loop earthing etc. as required.	2	Sets		
	EARTHING a)Supply and fix copper plate earth station with 600X600X3mm copper plate with 5M length 20x3mm size copper strip below Ground Level, including all accessories such as watering pipe and funnel and providing masonry enclosure at top with cover plate i.e excavation of pit, supplying and filling of salt charcoal, refilling of pit etc complete as required as per IS 3043- 1987. The voltage between neutral and earth must be below 1 V. b)Supply and fix GI plate earth station with 600X600X6mm GI plate with 5M length 20x3mm size GI strip below Ground Level including all accessories such as watering pipe and funnel and providing masonry enclosure at top with cover plate i.e excavation of pit, supplying and filling of salt charcoal, refilling of pit etc complete as required as per IS 3043-1987. a)Providing and fixing of 8 SWG copper earth wire	2	Sets		

			1		
17	Supply and laying following dia 2 mm in				
	thickness ISI Mark PVC pipe under floor or in				
	recessed walls from earth electrode to UPS room				
	for computer dedicated earthing				
	25 mm diameter	60	Meter		
PART III -	TELPHONE & DATA CABLE				
18	Wiring for telephone points with 0.6 mm dia 2 pair	8	no.		
	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 size of				
	G.I./PVC box modular plate and cover in front on				
	surface or in recess including providing and				
	fixing modular type telephone socket outlet and				
	making necessary connections etc. complete as				
	reqd.(Make: Dglink/KEI/Finolex)				
19	Supply, installation and testing & commissioning	1	no.		
	of Tag Block 20 pair for telephone connections				
	Make: krone				
20	Providing , Laying, testing & commisioning of 10	20	mtr.		
	pair telephone cable from outside govt. / bsnl DB				
	to Rack for lease line, ISDN of Make: Delton,				
	finolex, polycab.				
21	Data cabling work for computer networking	16	no.		
	starting from mounting rack at system room with				
	UTP CAT-6e LAN Data cable in 2mm thick 25 mm				
	dia ISI mark PVC conduit with accessories such				
	as bends, Tees, junction boxes including				
	providing and fixing cat-6 I/O plates and SMB				
	complete with all networking accessories etc				
	complete as reqd. (Make: D-				
	LinK/MOLEX/AMP/COMMSCOPE).				
	Note: Only One Data Points to be provided in One				
	Table/Counter. Extra poitns not to be paid if				
	provided. Maximum 6 no. data cable must be run				
	in one pvc pipe.				
22	supply, installation, testing and commissioning	1	no.		
	of 24-port Patch Panel				
23	Supply and installation, testing and	1	no.		
	commissioning of mounted rack 15" hight made				
	of powder coated MS sheet				
24	supply, installation, testing and commissioning				
	of factory manufactured CAT-6e patch chord				
	complete with 2 no. connectors etc. complete as				
	reqd.				
a)	1 mtr. long	18	no.		
b)	2 mtr. long	10	no.		
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PART-IV:	SUPPLY, INSTALLATION TESTING & COMMISSIONING O	F FANS & F	IXTURES	
25	SITC of 2"x2" Celing grid 33-36 watt LED panel	13	no.	
	fixtures with essential driver in false ceiling			
	including making necessary arrangement for			
	mounting the fixtures and connection with 2 $ imes$			
	1.5 sq.mm insulated copper cable from adjacent			
	point in PVC flexible pipe etc Complete as reqd.			
	Make : Cat No: BZRSQL 43L LED GF of Bajaj or			
	equivalent of Wipro /Philips			
	120 Lumens per Watt, Color temperature 6000K			
26	SITC of 15 watt LED fixtures /dowlighters with	26	no.	
	essential driver in false ceiling including making			
	necessary arrangement for mounting the fixtures			
	and connection with 2 x 1.5 sq.mm insulated			
	copper cable from adjacent point in PVC flexible			
	pipe etc complete as reqd. Make Phillips cat no.			
	DN - 192 - 1000 or equivalent of Wipro / Bajaj.			
27	SITC of 5 watt recess mounted LED spotlight with	0	no.	
	assembly complete with including making			
	necessary connections etc. Complete as reqd. (
	M/s Crompton Cat No. Or equivalent of			
	Philips/Wipro/ Bajaj)			
28	SITC of 18/20 watt of T5 LED fixtures directly on	5	no.	
	ceiling / wall including making necessary			
	connections with 2x1.5 sq.mm insulated copper			
	cable conductor wire etc. complete as reqd			
	Make Phillips /Wipro / Bajaj.			
29	SITC of 400 mm sweep wall fan complete as	10	no.	
	required. (Make: Crompton/ Khaitan / Bajaj.)			
30	LED Strip light (4.5/5 watt)for cove (M/s Phillips	0	MTR.	
	/Wipro / Bajaj Complete in all respects with			
	suitable drivers			
31	SITC of 1200 mm CEILING fans complete as	2	no.	
	reqd. (M/s Crompton High Breeze or equivalent of			
	USHA / Bajaj).			
32	SITC of 200 mm exhaust fans complete with self	3	no.	
	opening louvers / shutters including necessary			
	frame etc, complete as reqd. (M/s Crompton			
	High Breeze or equivalent of USHA / Bajaj)			
33	SITC of Automatic Programmable Time Switch 24	1	no.	
	Hour for ATM AC's (Make: L&T or equivelent to			
	Legrand/Havells/Seimens)			
PART-V : A	IR CONDITIONING REFRIGERATION/DRAIN WORKS			
34	Supplying & Laying of following COPPER			
	REFRIGERANT PIPING Thickness 22 SWG For Hiwall			
	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 purpose of measurement. (Make: Total			
	Line/Armacell)			
a)	1/4" + 1/2" Refrigerant piping - For Hiwall Split	68	mtr.	
	AC's			
b)	HWS/Cassette AC (2.0 Tr & 3.0 Tr) Copper pipe	0	mtr.	
	size (5/8" & 3/8")			
35	Supplying & laying recessed in wall Rigid ISI Mark	35	mtr	
	PVC drain pipe of size 20mm dia complete with			
	fittings, U traps etc. & as specified to the			
	nearest toilet / drain point under floor or in			
	recessed walls for AC drains including cutting of			
	walls, bends & Tees. making good the damages			
	etc. wherever required. (Make: Diplast/Supreme)			
36	Supplying and providing FRLS Eletrical flexible	141	mtr	
	cable of 3x2.5sq.mm multi strand suitable for 1.5			
	Tr H.W Split & 2.00 Tr Cassette Multi-runs between			
	Indoor & Outdoor units and between Metal Clads			
	to Out door for electrical supply etc complete as			
	required (Make: Havells/ RR Kable / KEI/Finolex)			
37	Charges for keeping the office/Branch	1	job	
	operational with temporary connections of UPS,			
	Data Cabling, Telephone, Raw Power, Supply to			
	lights, Fans etc. as per requiremets of office			
	during the renovation period. The job also			
	includes shifting, testing, commissioning of			
	existing UPS from from current location to new			
	location as per Plan.			
	TOTAL AMOUNT			
	Add GST @ 18% on Total as applicable			