	Chettipadi branch New premises Ele	ctrical V	Vorks - BO	OQ	
	PART A				DUNT
SL NO.	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMT.
1	MSB : Fabrication, Supply, Installation, testing and				
	commissioning of wall mounting type dust and vermin proof cubicle type switch board made out of 16 SWG CRCA sheet				
	with powder coated painting(siemens grey) and consisting of				
	125A,25KA TP MCCB as incomer				
	80A, 16 kA TP MCCB as outgoings -1 Nos. (To Non Essential DB)				
	63A, 16 kA TP MCCB as outgoings -1 Nos. (To				
	Essential DB) 25 x 6 mm Copper busbar for 3 phases and neutral.				
	3 nos. LED indicators for RYB indication : 2 sets (each for				
	KSEB & DG Set supply indication)				
	Multifunction LCD Display for Voltage, Current and Frequency for 3 phase- 1 No.				
	2A SP MCB - 6 Nos. for control supply.				
	Complete with all interconnections.	1	Set		
2	MAINS CHANGE OVER Supply and installation of	·	JEI		
_	125A 4 Pole ON LOAD Change over switch with				
	suitable metallic enclosure with cable entry box and				
	powder coat painted and with 6 nos 2A SP MCB with				
	6 nos LED indicators for the identification of KSEB /				
	DG Set 'ON' & neat marking thereof. (Mains Change	1	No.		
3	Over) Supply and fixing of 80A, 25 KA Four Pole MCCB on	<u>'</u>	140.		
3	a suitable metal box with handle for switching off the				
	non essential loads like air conditioners, LDB after				
	the office hours (This should be installed near to				
	entrance area preferably and the connection to be				
	given by using 4X25sqmm AYFY cable)	1	No		
4		<u>'</u>	140		
7	Non Essential Load DB (VDB): Supply, Installation,				
	testing and commissioning of Double door 4 way				
	VTPN MCCB DB consisting of the following.				
	80A, 25 kA TP MCCB as Incomer - 1 No.				
	63A C Series TP MCB as out going- 1 no (To AC DB)				
	32A/40A C Series TP MCB as out going- 2 no (To PDB				
	& LDB)				
	16/20/32A C Series SP MCB as out going -3 Nos.				
	Dummy - 0 Nos.	1.00	Set		
	Complete with all inter connections.				
5	AC DB: Supply, Installation, testing and commissioning of Double door 6 Way TPN MCB Vertical DB consisting of the				
	following.				
	63A, 100mA ELCB + MCB as Incomer - 1 No.				
	20A/32A C Series TP MCB as out going- 4 no (To 3				
	Phase AC units & Spare)				
	10/16/20A/32A, SP MCB (C-Series) - 6 Nos.(To Single Ph.				
	AC Units, Power plugs & spare)				
	Dummy - 0 Nos.				
	100A Copper busbar for 3 phases				
	Complete with all interconnections.	1	Set		

6	Essential DB: Supply, Installation, testing and			
	commissioning of Double door 4 way VTPN MCB DB			
	consisting of the following.			
	63A, 100mA ELCB + MCB as Incomer - 1 No.			
	32A/40A C Series TP MCB as out going- 2 no (To ATM			
	& 3 Phase UPS)			
	a 31 hase of 3)			
	6/10A/16A/20A/32A 'C' Series MCB as out going - 6			
	Nos. (To UPS, Board Light, Security Light)			
	Complete with all inter connections.	1.00	Set	
7	PDB & ATM DB: Supply, Installation, testing and	1.00	001	
'	commissioning of Double door 4 way TPN MCB DB			
	consisting of boddle door 4 way 1710 Meb bb			
	32/40A, 100mA ELCB + MCB as Incomer - 1 No.			
	6/10A/16A 'C' Series MCB as out going - 12 Nos.			
		2.00	Set	
0	Complete with all inter connections.	2.00	ડ હા	
8	LDB: Supply, Installation, testing and commissioning			
	of Double door 4 way TPN MCB DB consisting of the			
	following.			
	32/40A, 30mA ELCB + MCB as Incomer - 1 No.			
	6/10A/16A 'C' Series MCB as out going - 12 Nos.	4.00	Cot	
	Complete with all inter connections.	1.00	Set	
	UPS INPUT DB: Supply Erection, testing and			
9	commissioning of 32/40 A 2P MCB + 32 A DP	3	Set	
	ELCB 100 mA in suitable metallic enclosure			
10	LEOD 100 III/VIII Suitable Illetaille Gliciosare			
10	UPS OUTPUT: Supply and installation of 32/40A DP			
	MCB in	3	Nos.	
	suitable metallic enclosure for UPS input/Output			
11	UPS CHANGE OVER PANEL Supply erection testing			
''	and commissioning of 2 Nos. 40A rotary type change			
	over switch in suitable metal box with 4 Nos. LED			
	indicator for input / output identification. UPS	1.00	Set	
	Output change over switch board.			
	a space on an account of the control			
12	COMPUTER DB Supply, erection, testing and			
	commissioning of wall mounted type double door			
	dust and vermin proof 12 way SPN MCB DB fixed on			
	wall comprising the following:			
	25/32A, High Immunity DP RCBO 30mA 25/32A - 1			
	No.			
	6A / 16A MCB - 10 Nos.			
	SPN MCB DB - 12 way	2	Set	
13	SPN UPS DB for ATM Supply, erection, testing and			
	commissioning of wall mounted type double door			
	dust and vermin proof 8 way SPN MCB DB fixed on			
	wall comprising the following:			
	25/32A, High Immunity DP RCBO 30mA 25/32A - 1			
	No.			

	6A / 16A MCB - 6 Nos.				
	SPN MCB DB - 8 way	1	Set		
14	CABLE LAYING AND TERMINATIONS Supply,				
'-	laying and dressing of the following size of 1.1 KV				
	grade PVC insulated armoured cable with aluminium				
	conductor concealed or clamped on wall / ceiling /				
	trench / cable traylamps if necessary.				
	dienerry casic draylamps in necessary.				
	i) 3.5 x 50 Sq.mm AYFY (Main cable)	60	Mtr.		
	ii) 4 x 25 Sq.mm AYFY (From MSB to Non Essential				
	&Essential DB, Cut off MCCB to Non Essential DB)	80	Mtr.		
	iii) 4x10 Sq.mm AYFY (From Non Essential DB to LDB,	85	Mtr.		
	PDB and Essential DB to ATM DB)		3.44		
	iv) 4X16 Sq.mm AYFY	30	Mtr		
	v)3.5X35 Sqmm AYFY	60	Mtr.	ļ	
15	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.	0			
	i) 3.5x 50 Sq.mm AYFY	2	Nos.		
	ii) 4x 25 Sq.mm AYFY	4	Nos		
	iii) 4x10 Sq.mm AYFY	6	Nos.		
	iv) 4X16 Sq.mm AYFY	2	Nos		
	v)3.5X35 Sqmm AYFY	2	Nos		
16	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, commol salt and				
	river sand up to height of 2.5m from the botton and				
	the rest of the portion with excavated soil, providing				
	brick work masonries, plastering, fixing cast iron				
	cover of 30x30cm size etc. complete.	6	No.		
17	Same as above but using 60cmV60cm Conner what	Ü	INU.	-	
17	Same as above but using 60cmX60cm Copper plate earth for UPS earthing	1	No		
18	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	380	Mtr.		
	ii) No. 4 SWG	45	Mtr		
	iii) No.6 SWG	30	Mtr		
19	Supply and laying of 2 X No. 10 SWG copper				
	conductor through 20mm PVC conduit for UPS	40			
	earthing.		Mtr.		

20	Supply and laying of 1 run No. 10 SWG copper			
	conductor through 20mm PVC conduit for Datacraft	45		
	RACK's lightning protection.		Mtr.	
	WIRING FOR LIGHT, FAN, PLUG, SOCKETS ETC			
21	Wiring for light,fan,plug-sockets			
a	SITC of all materials and wiring through wall,ceiling,concealed using color coded 1.5 sq mm PVC insulated ,1100Vgrade FRLS stranded copper wire for point and same size wire with green color as continuous earth for points with independent earth wire for each circuit through ISI grade 25mm PVC conduit including all accessories as per IS 9537 part 1 including circuit wiring using 2.5 sq mm size of wire of same material and quality as above and factory made MS boxes modular type 5A switches and switchboards and ceiling rose /connectors etc.of approved make for controlling one light /fan/exhaust fan calling bell etc .Number of wire to be used in the conduit should be limited to the IS standards .Rate is inclusive of cost of circuit wiring from LDB ,chipping floor /wall using machine and re- plastering to original form All switches/sockets/switch boards shall be modular type. Wherever wires are drawn on walls it shall be concealed by chipping the plaster using proper machine .Where conduits are drawn above false ceiling ,it shall be firmly clamped on the concrete ceiling/wall using clamps at regular interval (maximum one meter) or laid through rack/tray as	75	Nos	
b	per site condition. one light controlled one switch Same as above but controlling two lights by one	5	Nos	
С	Same as above but controlling three lights by one	3	Nos	
.1	switch		NI.	
d	Same as above (Item no 14a) but for ceiling fans including Supply and Installation of step type 250 W modular electronic regulator of approved make.	10	No	
e	SITC of wiring for 6 or 10 nos LED Bulk head or tube lights in parallel connected to UPS/KSEB supply with single control using 5A modular switch and plate with identification for external lights	1	No	
f	SITC of wiring for 6 or 10 nos LED down lighters in parallel connected to UPS supply with single control using 5A modular switch and plate with identification.	2	Nos	
g	SITC of 6A 3 pin plug socket with 6A switch with inter connections complete(combined in switch board)	12	Nos	

h	SITC of 6A 3 pin plug socket with 6A switch with inter connections complete(independent plus	6	Nos	
	points)	U		
g	SITC of 2 nos of 6A 3 pin plug socket with 6A switch with inter connections complete(for TV Supply)	1	No	
22	SITC of wiring through wall /floor etc recessed using color coded 3 runs 1100Vgrade 2.5 sq mm PVC insulated FRLS copper wire through ISI marked 20 mm dia PVC conduit including all accessories and provide combined 6A, 3pin modular plug socket with 6A modular switch & 16A combined 3 module modular plug socket with 16A modular switch in single box.(for KSEB supply at counters / Manager cabin) including charges for chipping wall or floor and making to original form. Rate is inclusive of cost of complete circuit wiring from power DB/UPSDB(Maximum of three sockets only will be permitted in one ckt) For wall fan/other items at required location switch shall be within reachable height (1.5m)	10	Nos	
23	SITC of wiring through wall /floor etc recessed using color coded 3 runs 1100Vgrade 2.5 sq mm PVC insulated FRLS copper wire through ISI marked 20 mm dia PVC conduit including all accessories and 2 plate 15/5A modular switch and sockets including charges for chipping the wall or floor and making to original form. Rate is inclusive of cost of complete ckt wiring from the KSEB power DB/UPSDB	5	Nos	
24	SITC of wiring through recessed/ wall /floor/partition/surface using color coded 3runs of 2.5 sq mm PVC insulated FRLS stranded copper wire for phase/neutral and green color for earth through ISI marked 20 mm dia PVC conduit from UPS DB for UPS power station s including 4nos 5A 3 pin sockets controlled by one 15A master switch (modular) in metal box .Number of wires in one conduit shall be limited as per standards .Rate quoted is for the complete lenth of wiring from UPS DB .Master switch shall be in separate box at easily accessible position to operate by sitting on the chair.(the item is treated as Main station .	6	Nos	

25	Extension of UPS Stations from main station (Item no:16) to adjacent tables consisting of wires ,switches &sockets same as that mentioned in item no:15a. Maximum three UPS power stations (of 4 sockets treated as one power station) can only be looped from one main station.	10	Nos	
26	Same as above but for 2 Nos. modular type 15 A 3 pin plug points with 2 nos. 15A modular type switch in separate location.(for datacraft rack / I/O Rack)	1	No	
27	SITC of wiring using 5R x 4 sq.mm PVC insulated stranded FRLS Cu.wire with 25mm dia PVC conduit	280	Mtrs	
28	SITC of wiring using 3R x 4 sq.mm PVC insulated stranded FRLS Cu.wire with 25mm dia PVC conduit (single Phase AC units)	260	Mtrs	
29	SITC of wiring using 3R x 2.5 sq.mm PVC insulated stranded FRLS Cu.wire with 25mm dia PVC conduit for DG battery charger Circuit and remote ON/OFF	80	Mtrs	
30	SITC of wiring using 3R x 1.5 sq.mm PVC insulated stranded FRLS Cu.wire with 25mm dia PVC conduit for DG control circuit wiring (for providing ON/ OFF Control from branch to DG set and for battery Charger supply)	60	Mtr.	
31	Same as above but with 3 x 6 Sq.mm PVC Insulated copper wire. (for UPS O/P COS to Computer DB)	40	Mtr.	
32	SITC of40A2P Isolator with suitable metallic enclosure	3	No	
33	SITC of40A4P Isolator with suitable weather proof encloser for supply to aC outdoor units	3	No	
34	SITE of 32A/40 A 4 P MCB + 40A, 100 mA, ELCB in suitable metallic box for 3 Ph UPS input	1	No	
35	Supply and providing 16 A plug top and 1.5m long 3 core 2.5Sqmm flexible copper cable for taking incoming supply from 16A socket. Cable should be given through a flexible hose & hook should be given for hanging the flesible hose (For UPS supply to back office managers, manager & KSEB supply to strong room, line printer and kitchen)	4	No.	
36	Supply and installation of 25/32A DP ELCB 100 mA in manufacturers own enclosure for protection of board light, security light and for single phase AC units.	3	No.	

				-
37	Supply and Installation of 25A Modular type 3 pin			
	plug socket with suitable metallic box for air			
	conditioners.	3	No.	
38	Supply and installation of 25/32A combined Power			
	plug & 20/32A SP MCB in suitable PVC/metallic box.			
	(North West or equivalent make) for connecting AC			
	stabiliser near VDB/ UPS in pit sockets.	3	No	
	6.7/22.22.11	J	No.	
39	Supply and Installation of 25/32A Modular type DP			
	switch (2module) with indicator mounted on suitable			
	metallic/PVC box for the local control of the air		N.I	
	conditioners.	3	No.	
40	Supply and Installation of 20/32A 4 Pole MCB in suitable metallic enclosure for the local control of 3 Phase Acs.			
	inetallic enclosure for the local control of 3 Friase Acs.	3	Nos.	
41	Supply and Fixing of modular TV Socket	1	No	
42	Supply and laying of ISI marked 20 mm dia PVC conduit in	•		
72	wall after chipping or in partitions for data line			
		30	Mtrs	
43	KSEB/DG Indication lamp wiring using 3 nos LED indication	4	C = 4	
	lamp with 3 nos 6A switch for indicating KSEB supply using 1sq.mm wire though pvc pipe	1	Set	
44	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 KSEB / 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.	1	LS	
45	Charges for propagation of single line discuss of the		LO	
10	Charges for preparation of single line diagram of the			
	whole electrical installation using AutoCAD,	1		
	lamination and displaying it inside the UPS room.		10	
46			LS	
40	Charges for marking the telephone sockets and its			
	correspondonding cable in the KRONE Box and			
	preparation of single line diagram / layout of the			
	whole telephone wiring showing location and			
	numbering marked in the plan using AutoCAD,			
	lamination and displaying it inside the Server			
	Room/Manager Cabin.			
		1	LS	
47	Charges for preparation of as build layout of the			
	premises indicating position of the earth pits along			
	with the readings and date using AutoCAD,			
	lamination and displaying it inside the UPS room.			
		11	Ls	

on behalf of bank for getting power allocation and final sanction for additional load, getting order for statutory payments, shifting/replacement of suitable energy meter if necessary, submission of completion report, obtaining final load sanction from KSEB. 49 Service charge for preparation of electrical schematic drawings and for liaison work with Electrical Inspectorate on behalf of bankincluding testing of energy meter, site inspection for getting approval / energisation sanction for DG set 50 Supply & neat placing of safety items in electrical room a Caution board 1 No. b Shock treatment chart 1 No. c Rubber gloves 1 Pair d Supply of electrical grade rubber mat 21 Stt 49 LIGHT FIXTURES & FANS a Supply and Installation of Philips Green square LED Luminare Cat. No.RC380B LED 285-6500 L60W60 PSI OD or equivalent (Including fixing frame if any required) or equivalent. (Bank has the discretion to supply the light fitttings if necessary) b Supply and installation of 1 X18 Watts Philips Green LED 1 200 DN 1938 LED light fitting with lamps and white reflector on false ceiling (including UPS Lights) d Supply and installation of LED strip along with drive (Blue, White) along with profile channel for fixing the same 60 RM f Supply and installation of 12" size meadium duty exhaust fan. (I/Oilets) Almonard make 4 Nos. h Supply and installation of 12" size heavy duty exhaust fan. (I/Os Room) Almonard make 1 No. i Supply and installation of 12" size heavy duty exhaust fan. (I/Os Room) Almonard make 1 No.	40	Ia	1		I	
final sanction for additional Toad, getting order for statutory payments, shifting/replacement of suitable energy meter if necessary, submission of completion report, obtaining final load sanction from KSEB. 49 Service charge for preparation of electrical schematic drawings and for liaison work with Electrical Inspectorate on behalf of bankincluding testing of energy meter, site inspection for getting approval / energisation sanction for DG set 50 Supply & neat placing of safety items in electrical room a Caution board 1 No. b Shock treatment chart 1 No. c Rubber gloves 1 Pair d Supply of electrical grade rubber mat 21 Sft 49 LIGHT FIXTURES & FANS a Supply and installation of Philips Green square LED Luminare Cat. No. RC380B LED 285-6500 L60W60 PSI OD or equivalent, (Bank has the discretion to supply the light fittings if necessary) b Supply and installation of 9W LED bulb with angle holder (Toilets & wash area) c Supply & installation of 1 X18 Watts Philips Green LED I 200 DN 193B LED light fitting with lamps and white reflector on false ceilling (including UPS Lights) d Supply and installation of LED strip along with drive (Blue / White) along with profile channel for fixing the same f Supply and installation of CED strip along with drive (Blue / White) along with profile channel for fixing the same f Supply and installation of 2" size medium duty exhaust fan. (Toilets) Almonard make 4 Nos. h Supply and installation of 2" size medium duty exhaust fan. (Toilets) Almonard make 1 No.	48	Service charge for liaison work with KSEB authorities				
statutory payments, shifting/replacement of suitable energy meter if necessary, submission of completion report, obtaining final load sanction from KSEB. 49 Service charge for preparation of electrical schematic drawings and for liaison work with Electrical Inspectorate on behalf of bankincluding testing of energy meter, site inspection for getting approval / energisation sanction for DG set 50 Supply & neat placing of safety items in electrical room a Caution board 1 No. b Shock treatment chart 1 No. c Rubber gloves 1 Pair d Supply of electrical grade rubber mat 21 Stt 49 LIGHT FIXTURES & FANS a Supply and Installation of Philips Green square LED Luminare Cat. No.RC380B LED 285-6500 L60W60 PSI OD or equivalent (including fixing frame if any required) or equivalent. (Bank has the discretion to supply the light fittings if necessary) b Supply and installation of 9W LED bulb with angle holder (Toilets & wash area) c Supply & installation of 1 X18 Watts Philips Green LED 1 200 DN 193B LED light fitting with lamps and white reflector on false ceiling (including UPS Lights) d Supply and installation of 184 t LED tube light fitting (Philips BN 021 or equavalent) e Supply and installation of LED strip along with drive (Blue / White) along with profile channel for fixing the same 60 RM f Supply & installation of 1° size medium duty exhaust fan. (Toilets) Almonard make 4 Nos. h Supply and installation of 1° size medium duty exhaust fan. (Toilets) Almonard make 1 No.		on behalf of bank for getting power allocation and				
statutory payments, shifting/replacement of suitable energy meter if necessary, submission of completion report, obtaining final load sanction from KSEB. 49 Service charge for preparation of electrical schematic drawings and for liaison work with Electrical Inspectorate on behalf of bankincluding testing of energy meter, site inspection for getting approval / energisation sanction for DG set 50 Supply & neat placing of safety items in electrical room a Caution board 1 No. b Shock treatment chart 1 No. c Rubber gloves 1 Pair d Supply of electrical grade rubber mat 21 Stt 49 LIGHT FIXTURES & FANS a Supply and Installation of Philips Green square LED Luminare Cat. No.RC380B LED 285-6500 L60W60 PSI OD or equivalent (including fixing frame if any required) or equivalent. (Bank has the discretion to supply the light fittings if necessary) b Supply and installation of 9W LED bulb with angle holder (Toilets & wash area) c Supply & installation of 1 X18 Watts Philips Green LED 1 200 DN 193B LED light fitting with lamps and white reflector on false ceiling (including UPS Lights) d Supply and installation of 184 t LED tube light fitting (Philips BN 021 or equavalent) e Supply and installation of LED strip along with drive (Blue / White) along with profile channel for fixing the same 60 RM f Supply & installation of 1° size medium duty exhaust fan. (Toilets) Almonard make 4 Nos. h Supply and installation of 1° size medium duty exhaust fan. (Toilets) Almonard make 1 No.		final sanction for additional load, getting order for				
energy meter if necessary, submission of completion report, obtaining final load sanction from KSEB. 49 Service charge for preparation of electrical schematic drawings and for liaison work with Electrical Inspectorate on behalf of bankincluding testing of energy meter, site inspection for getting approval / energisation sanction for DG set 50 Supply & neat placing of safety items in electrical room a Caution board 1 No. b Shock treatment chart 1 No. c Rubber gloves 1 Pair d Supply of electrical grade rubber mat 21 Sft 49 LIGHT FIXTURES & FANS a Supply and Installation of Philips Green square LED Luminare Cat. No.RC380B LED 285-6500 L60W60 PSI OD or equivalent (including fixing frame if any required) or equivalent. (Bank has the discretion to supply the light fittings if necessary) b Supply and installation of 9W LED bulb with angle holder (Toilets & wash area) C Supply & installation of 1 X18 Watts Philips Green LED I 200 DN 193B LED light fitting with lamps and white reflector on false ceiling (including UPS Lights) d Supply and installation of lase ceiling (including UPS Lights) d Supply and installation of LED strip along with drive (Blue / White) along with profile channel for fixing the same 60 RM f Supply & installation of 12" size medium duty exhaust fan. (Toilets) Almonard make 4 Nos. h Supply and installation of 12" size heavy duty exhaust fan. (VoleS noom) Almonard make 1 No.		statutory payments, shifting/replacement of suitable				
report, obtaining final load sanction from KSEB. 1 LS 49 Service charge for preparation of electrical schematic drawings and for liaison work with Electrical Inspectorate on behalf of bankincluding testing of energy meter, site inspection for getting approval / energisation sanction for DG set 50 Supply & neat placing of safety items in electrical room a Caution board b Shock treatment chart c Rubber gloves d Supply of electrical grade rubber mat 21 Sft 49 LIGHT FIXTURES & FANS a Supply and Installation of Philips Green square LED Luminare Cat. No. RC380B LED 28S-6500 L60W60 PSI OD or equivalent (including fixing frame if any required) or equivalent. (Bank has the discretion to supply the light fittings if necessary) b Supply and installation of 9W LED bulb with angle holder (Toilets & wash area) C Supply & installation of 1 X18 Watts Philips Green LED 1 200 DN 193B LED light fitting with lamps and white reflector on false ceiling (including UPS Lights) d Supply and fixing of 18W 4 ft LED tube light fitting (Philips BN 021 or equavalent) e Supply and installation of LED strip along with drive (Blue / White) along with profile channel for fixing the same f Supply & installation of calling bell g Supply and installation of 12" size medium duty exhaust fan. (Toilets) Almonard make h Supply and installation of 12" size heavy duty exhaust fan. (UPS Room) Almonard make 1 No.						
49 Service charge for preparation of electrical schematic drawings and for liaison work with Electrical Inspectorate on behalf of bankincluding testing of energy meter, site inspection for getting approval / energisation sanction for DG set 50 Supply & neat placing of safety items in electrical room a Caution board 1 No. b Shock treatment chart 1 No. c Rubber gloves 1 Pair d No. d Supply of electrical grade rubber mat 21 Sft St Supply and Installation of Philips Green square LED Luminare Cat. No.RC380B LED 28S-6500 L60W60 PSI OD or equivalent (Including fixing frame if any required) or equivalent. (Bank has the discretion to supply the light fittings if necessary) b Supply and installation of 9W LED bulb with angle holder (Toilets & wash area) c Supply & installation of 1 X18 Watts Philips Green LED 1 200 DN 193B LED light fitting with lamps and white reflector on false ceiling (including UPS Lights) d Supply and fixing of 18W 4 ft LED tube light fitting (Philips BN 021 or equavalent) 15 Nos (Philips BN 021 or equavalent) 15 Nos (Bupply and installation of LED strip along with drive (Blue / White) along with profile channel for fixing the same 60 RM 15 Supply & installation of calling bell 1 Nos 16 Supply and installation of 12" size medium duty exhaust fan. (Toilets) Almonard make 1 No.						
49 Service charge for preparation of electrical schematic drawings and for liaison work with Electrical Inspectorate on behalf of bankincluding testing of energy meter, site inspection for getting approval / energisation sanction for DG set 50 Supply & neat placing of safety items in electrical room a Caution board 1 No. b Shock treatment chart 1 No. c Rubber gloves 1 Pair d Supply of electrical grade rubber mat 21 Sft 49 LIGHT FIXTURES & FANS a Supply and Installation of Philips Green square LED Luminare Cat. No. RC380B LED 285-6500 L60W60 PSI OD or equivalent (including fixing frame if any required) or equivalent. (Bank has the discretion to supply the light fittings if necessary) b Supply and installation of 9W LED bulb with angle holder (Toilets & wash area) c Supply & installation of 1 X18 Watts Philips Green LED I 200 DN 193B LED light fitting with lamps and white reflector on false ceiling (including UPS Lights) d Supply and fixing of 18W 4 ft LED tube light fitting (Philips BN 021 or equavalent) 15 Nos e Supply and installation of LED strip along with drive (Blue / White) along with profile channel for fixing the same 60 RM f Supply & installation of calling bell 1 Nos g Supply and installation of 9" size medium duty exhaust fan. (Toilets) Almonard make 4 Nos. h Supply and installation of 12" size heavy duty exhaust fan. (UPS Room) Almonard make 1 No.		report, obtaining inial load saliction from KSEB.				
drawings and for liaison work with Electrical Inspectorate on behalf of bankincluding testing of energy meter, site inspection for getting approval / energisation sanction for DG set 1 LS 50 Supply & neat placing of safety items in electrical room a Caution board 1 No. b Shock treatment chart 1 No. c Rubber gloves 1 Pair day 1 Pair d Supply of electrical grade rubber mat 21 Sft 49 LIGHT FIXTURES & FANS a Supply and Installation of Philips Green square LED Luminare Cat. No.RC380B LED 28S-6500 L60W60 PSI OD or equivalent (including fixing frame if any required) or equivalent. (Bank has the discretion to supply the light fittings if necessary) b Supply and installation of 9W LED bulb with angle holder (Toilets & wash area) c Supply & installation of 1 X18 Watts Philips Green LED I 200 DN 193B LED light fitting with lamps and white reflector on false ceiling (including UPS Lights) d Supply and fixing of 18W 4 ft LED tube light fitting (Philips BN 021 or equavalent) 5 Nos 6 Supply and installation of LED strip along with drive (Blue / White) along with profile channel for fixing the same 60 RM 5 Supply & installation of 9" size medium duty exhaust fan. (Toilets) Almonard make 4 Nos. 6 Nos. 6 Nos. 7 Nos. 8 Nos. 8 Nos. 8 Nos. 9 Nos.			1	LS		
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exhaust fan. (Toilets) Almonard make 4 Nos. h Supply and installation of 12" size heavy duty exhaust fan. (UPS Room) Almonard make 1 No.	g	Supply and installation of 9" size medium duty				
fan. (UPS Room) Almonard make 1 No.		exhaust fan. (Toilets) Almonard make	4	Nos.		
	h	Supply and installation of 12" size heavy duty exhaust				
i Supply and Installation of 450 mm sweep wall fan		fan. (UPS Room) Almonard make	1	No.		
	i	Supply and Installation of 450 mm sweep wall fan				
with metal frame and body. Crompton Greaves /		with metal frame and body. Crompton Greaves /				
Usha equivalent 10 No.		Usha equivalent	10	No.		
j Supply and providing of 6A, 3 pin modular socket on 10 Nos.	j		10	Noe		
suitable metal box for wall fan.			10	1103.		
k Supply and installation of 1200mm sweep ceiling fan.	k		_			
1 (Crompton Grazuas High Spand double hall bearing 0 No		(Crompton Greaves High Speed double ball bearing	9	No.		
		type)				
type)	I	Supply and providing fan hook on ceiling.	10	No.		

	m	Supply and providing fan rod with painting (upto 1m length) (other than that supplied with fan and if required)	10	Nos.	
	n	Supply and providing tinned copper earth bench using 25 x 3 mm copper strip (25 Cm in length)	5	Nos.	
	0	Supply and installation of Cut off timer for External lights (to be installed near VDB).(Make Legrand/			
		Protonix/ L & T)	2	No.	
	р	10W LED bulk head light fittings(Philips WP 202 or equavalent)	8	No	
	q	Supply and installation of cut off timer with contactor for alternate working of UPS room exhaust fans (Contactor L & T MNX 9 or equivalent)			
			1	Set	
		PART - B			
	1	<u>TELEPHONE</u>			
	а	Supply and wiring using 2 pair telephone cable 20mm PVC conduit from the EPABX to the individual points.			
		One separate cable for each point. Number of cables			
		in one conduit limited to 5.			
	b	2 pair telephone cabling 0.5Sqmm	330	m	
	2	20 pair telephone cabling (1 run for EPABX)	45	m	
		Supply and fixing of RJ 11 type modular telephone			
		socket on suitable PVC / metal boxes.			
a					
_					
b		Telephone socket - single (modular type)	8	No.	
b	3	Telephone socket - single (modular type) Telephone socket - double (modular type)	8	No.	
b	3				
b	3	Telephone socket - double (modular type)			
b	3	Telephone socket - double (modular type) Supply and installation of KRONE connector	1	No.	
b	3	Telephone socket - double (modular type) Supply and installation of KRONE connector telephone junction box of 20 pair.	1	No.	
b		Telephone socket - double (modular type) Supply and installation of KRONE connector telephone junction box of 20 pair. PART - C	1	No.	
b	1	Telephone socket - double (modular type) Supply and installation of KRONE connector telephone junction box of 20 pair. PART - C MUSIC SYSTEM	1	No.	
b	1	Telephone socket - double (modular type) Supply and installation of KRONE connector telephone junction box of 20 pair. PART - C MUSIC SYSTEM Supply and wiring as per colour code with 2.50Sqmm	1	No.	
b	1	Telephone socket - double (modular type) Supply and installation of KRONE connector telephone junction box of 20 pair. PART - C MUSIC SYSTEM Supply and wiring as per colour code with 2.50Sqmm PVC insulated stranded copper wire 2 runs through	1	No.	
b	1	Telephone socket - double (modular type) Supply and installation of KRONE connector telephone junction box of 20 pair. PART - C MUSIC SYSTEM Supply and wiring as per colour code with 2.50Sqmm PVC insulated stranded copper wire 2 runs through	1	No.	
b	1 2	Telephone socket - double (modular type) Supply and installation of KRONE connector telephone junction box of 20 pair. PART - C MUSIC SYSTEM Supply and wiring as per colour code with 2.50Sqmm PVC insulated stranded copper wire 2 runs through ISI grade 20mm conduit for speakers.	1	No.	
b	1 2	Telephone socket - double (modular type) Supply and installation of KRONE connector telephone junction box of 20 pair. PART - C MUSIC SYSTEM Supply and wiring as per colour code with 2.50Sqmm PVC insulated stranded copper wire 2 runs through ISI grade 20mm conduit for speakers. Supply and providing 9W recessed type speakers on	1	No.	
b	1 2	Telephone socket - double (modular type) Supply and installation of KRONE connector telephone junction box of 20 pair. PART - C MUSIC SYSTEM Supply and wiring as per colour code with 2.50Sqmm PVC insulated stranded copper wire 2 runs through ISI grade 20mm conduit for speakers. Supply and providing 9W recessed type speakers on ceiling CS 663 T Ahuja make speaker.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	No.	
b	1 2 3	Telephone socket - double (modular type) Supply and installation of KRONE connector telephone junction box of 20 pair. PART - C MUSIC SYSTEM Supply and wiring as per colour code with 2.50Sqmm PVC insulated stranded copper wire 2 runs through ISI grade 20mm conduit for speakers. Supply and providing 9W recessed type speakers on ceiling CS 663 T Ahuja make speaker. Supply and installation of Ahuja make 28W Amplifier	1 1 1 1 20 6	No. No.	
b	1 2	Telephone socket - double (modular type) Supply and installation of KRONE connector telephone junction box of 20 pair. PART - C MUSIC SYSTEM Supply and wiring as per colour code with 2.50Sqmm PVC insulated stranded copper wire 2 runs through ISI grade 20mm conduit for speakers. Supply and providing 9W recessed type speakers on ceiling CS 663 T Ahuja make speaker.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	No.	