	BILL OF QUANTATIES ELECTRICA	L AND ALLIED WORKS				
	FOR SBI BRANCH AT SULTAN	IPURI	NEW DE	LHI.		
S.No.	DESCRIPTION OF WORKS	UNIT	QTY	RATE	AMOUNT	
- 1	Wining for light asight for asight well for asight			(RS)	(RS)	
1	Wiring for light point/ fan point/ wall fan point/ exhaust fan/ light sockets etc. with 1.5 sq.mm.					
	PVC insulated 1100 V Grade copper conductor					
	(FRLS) wires & 1.5 sq.mm. copper earth wire in					
	concealed/ surface using 16 SWG MS conduits,					
	accessories such as bends, tees, saddles, draw					
	boxes, mounting boxes, inner plates, cover					
	plates, ceiling rose etc (whereever required) and					
	chromium plates brass screws/ rowel plug etc.					
	The circuit wiring starting from DB to point					
	control box/ switch box using 2 X 2.5 sq.mm					
	PVC insulated 1100 V grade multi- stranded					
	copper conductor wire & 2.5 sq.mm. PVC					
	insulated earth wire (color code to be used).					
	(Flexible conduit/ elbow not allowed). The conduit to be laid in ceiling with proper clamps/					
	wall/ floor and filing the chase with cement					
	mortar and finishing the same in original form/					
	wooden partition/ above false ceiling with proper					
	clamps etc. all complete.					
	(Wherever required as per standard					
	specifications).					
	i) Each circuit shall have independent earth wire.					
	ii) Each point shall be earthed.					
	iii) Circuit wiring is to be included in point wiring rates.					
i	One light points controlled by one 6 amp. Modular switch.	Nos.	21.00			
ii	Two light points controlled by one 6 amp. Modular switch.	Nos.	18.00			
iii	Three light points controlled by one 6 amp. Modular switch.	Nos.	10.00			
iv	Four light points controlled by one 6 amp. Modular switch For cove light.	Nos.	7.00			
V	One call bell point with ceiling rose/ 6amp. 3 pin socket controlled by one 6 amp. Push Modular switch. With call bell		1.00			
vi(a)	One wall fan/ ceiling/ exhaust fan point with 6 amp 3-pin socket controlled by one 6 amp. Modular switch. The switch should be at		12.00			
vi(h)	switchboard level. Ceiling fan point controlled by one 6 amp.	Nee	200			
vi(b)	Modular switch With Regulator.	Nos.	2.00			
	One 5 min sectors to anti-11-1 her one 6 Martin 11-1					
viii	One 5 pin socket controlled by one 6 amp. Modular switch complete assembly includes plate box etc.					
a	Dependent	Nos.	5.00			
vi	Same as serial no 1 but using $2*2.5 + 1*2.5$					
	Sqmm Copper Conductor FRLS wires from DB to					
	first 6A, 5 Pin modular socket controlled by one					
	6A switch and looped to the nearest second point with same $2*2.5 \pm 1*2.5$ Samm conport					
	with same 2*2.5 + 1*2.5 Sqmm copper conductor wires FRLS insulated 1100V grade					
	(max 3 points per circuit).					
а	Primary Point	Nos.	5.00			
b	Secondary Point looped	Nos.	8.00			

		VIPIN GUPTA AND ASSOCIAT				
S.No.	DESCRIPTION OF WORKS	UNIT	QTY	RATE	AMOUNT	
xi	Same as serial no 1 but using $2*2.5 + 1*2.5$					
	Sqmm Copper Conductor FRLS wires from DB to					
	first 16 Amp MCB two Nos. , for Glow sign					
а	Board. Primary Point	Nos.	2.00			
2	POWER POINTS					
	Same as serial no.1, but wiring for 16 Amp, 6-					
	pin sockets by using 2*4 sq.mm. PVC insulated					
	1100 V grade copper conductor wire with					
	independent 1* 4.0 sq.mm earth wire from D.B.					
	to first point 1 st socket and 1 st to 2 nd , socket with					
	2*2.5 sq.mm. and 1*2.5 earth wire including					
	providing and fixing of 16 Amp, 6 -pin socket					
	with 16 Amp. Switch. (Modular type switch/					
	socket/ plate etc. complete assembly) max 2					
	points per circuit.					
a)	Primary Point	Nos.	5.00			
<u>b)</u>	Secondary Point	Nos.	6.00			
3(a)	Same as serial no.1, but wiring for A/C socket by	Nos.	4.00			
	using 2*4 sq.mm. PVC insulated 1100 V grade					
	copper conductor wire and earthing with 1*4.0					
	sq.mm. PVC insulated 1100 V grade copper					
	conductor wire with modular type AC box(tiny trip type) with socket complete in all respects					
	controlled by 25/32 A SP MCB to be provided					
	near indoor unit. The point starts from DB to					
	stabilizer to the point near the indoor unit					
	including top.					
3(b)	Same as serial no.1, but wiring for A/C socket by	Nos.	0.00			
	using 2*6 sq.mm. PVC insulated 1100 V grade					
	copper conductor wire and earthing with 1*6.0					
	sq.mm. PVC insulated 1100 V grade copper					
	conductor wire of weather proof type 2 way SPN					
	DB complete in all respects controlled by with 40					
	Amp (10 KA) MCB to be provided near outdoor					
	unit. The point starts from DB to the point near					
	the outdoor unit.					
3(b)	Same as serial no.1, but wiring for A/C socket by		3.00			
	using 4*6 sq.mm. PVC insulated 1100 V grade					
	copper conductor wire and earthing with 1*6.0					
	sq.mm. PVC insulated 1100 V grade copper					
	conductor wire of weather proof type 4 way SPN					
	DB complete in all respects controlled by with 40					
	Amp (10 KA) MCB to be provided near outdoor					
	unit. The point starts from DB to the point near the outdoor unit.					

S.No.	DESCRIPTION OF WORKS	UNIT	QTY	RATE	AMOUNT
4	COMPUTER POINTS				
a	Wiring with 2x2.5 sq.mm. + 1x2.5 sq.mm. PVC insulated 1100 V grade multi stranded copper conductor wires in 2 mm thick PVC conduit from UPS DB to computer point. Each point to have 3 nos. 6 amps. 5 pin modular type sockets, one 6 amps modular swtich with all accessories, inner/ outer plates, metal box etc. and to be fixed on wooden partitions/ by grouting on wall etc. as per requirement at site. The switch should be fixed above the top of counter with indicator and sockets under the counter b) Same as above but looped from the above 1st point to 2nd , point and 2nd point to 3rd point. (Maximum 3 points in a circuit) c) Same as above but provide for television. (Maximum 3				
	points in a circuit)				
	Primary Points	Nos.	6.00		
b	Secondary Points Wiring with 2x2.5 sq.mm + 1x2.5 sq.mm PVC insulated 1100 V grade multi stranded copper conductor wires in 2mmthick PVC conduit from UPS DB to computer point. Each point to have 2 nos. 16 amps 5 pin modular type sockets, 2 No's 16 amps modular swtich with all accessories, inner/ outer plates , metal box etc and to be fixed on wooden partitions/ by grouting on wall etc as per requirement at site. The switch should be fixed above the top of counter and sockets under the counter. or as directed by the engineer incharge for the rack supply in server room, PA rack, CCTV, b) Same as above but looped from the above 1st point to 2nd point (Maximum 2 points in a circuit)	Nos.	9.00		
	Primary Points	Nos.	2.00		
	Secondary Points	Nos.	1.00		
В.	CONDUITING FOR TELEPHONE, COMPUTER & CONDUITING, WIRING FOR T.V. SYSTEM.				
1.0	TELEPHONE SYSTEM				
	Wiring for VOICE from Jack Panel in data rack to computer workstation with Cat-6 voice cable in PVC conduits of size 20/ 25 mm including providing ferrules at both ends and termination at both ends including providing & fixing frame for Cat-6 with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type. This work includes supply and laying of CAT-6 cable in PVC conduits throughout the lenght, from the I/O hub to the point.	Nos.	11.00		
1.20	Supplying & fixing 20 pair krone tag block with	Nos.	1.00		1

S.No.	DESCRIPTION OF WORKS	UNIT	QTY	RATE	AMOUNT
2	COMPUTER NETWORKING				
2.1	Wiring for computer networking from Jack Panel in	Nos.	15.00		
2.1	data rack to computer workstation with Cat-6	1103.	15.00		
	computer cable in PVC conduits of size 20/ 25 mm				
	including providing ferrules at both ends and				
	termination at both ends including providing & fixing				
	frame for Cat-6 with shutter, RJ 45 outlet, faceplate				
	and mounting box complete of modular type, This work includes supply and laying of CAT-6 cable in PVC				
	conduits throughout the lenght, from the I/O hub to				
2.2	Supplying and fixing 9 U (Rack with glass door,		1.00		
2.2	opening in the front power panel 1 (horizontal),		1.00		
	cable manager 1 lock & key).				
2.3 a	Supply, Installation, Testing & Commissioning of	Nos.	1.00		
2.5 u	24 port Jack Panel.	1103.	1.00		
2.3 b	Supply, Installation, Testing & Commissioning of	Nos.	1.00		
	16 port Jack Panel.				
2.4	Supplying and fixing Patch Cord-2 Meter- (DBPS	Nos.	15.00		
2 5	Mounting Cord)	Nec			
	Supplying and fixing Patch Cord-1 Meter-	Nos.	26.00		
3.0	Supply and fixing of 1.6 mm thick G.I. Box along with RG 6 T.V Co axial socket with Cover Plate.	Nos.	5.00		
	With NG UT.V CU AXIAI SUCKEL WILLI CUVEL PIALE.				
4.0	Supply, drawing, connecting, testing and	RM	100.00		
4.0	commissioning of T.V Coaxial cable RG 6 in	INP1	100.00		
	existing conduit.				
С.	CABLES, MAINS & SUBMAINS				
1	Supplying all materials and laying/ pulling 1100				
_	volts grade PVC insulated copper conductor wires				
	(FRLS) in MS conduit with all fixing accessories				
	after cutting the floor, wall and the like etc. and				
	replastering the floor level to original. Conduit				
	must be 30 mm below the floor finish level.				
i	2 X 6 sq.mm. + 1 X 6 sq.mm.	RM	30.00		
ii	2 X 4 sq.mm. + 1 X 4 sq.mm.	RM	25.00		
	Cumplying lowing testing 9 commissioning of 4	DM	1 5 00		
vi	Supplying, laying, testing & commissioning of 4		15.00		
	C X 10 sq.mm. at 1100 volts grade PVC insulated aluminum conductor armoured cable				
	with 10 gauge earth G.I wire including cables				
	end termination using appropriate Lugs, Glands,				
	termination acessories, Clamps etc. as required				
	as per specification (LIGHT DB)				
V	Supplying, laying, testing & commissioning of 4	RM	35.00		
	C X 16 sq.mm. at 1100 volts grade PVC				
	insulated aluminum conductor armoured cable				
	with 10 gauge earth G.I wire ncluding cables end				
	termination using appropriate Lugs, Glands,				
	termination acessories, Clamps etc. as required				
	as per specification (POWER DB,& UPS).				
vi	Supplying, laying, testing & commissioning of 4	RM	10.00		
	C X 25 sq.mm. at 1100 volts grade PVC				
	insulated aluminum conductor armoured cable				
	with 10 gauge earth G.I wire ncluding cables end				
			I		
	termination using appropriate Lugs, Glands,				
	termination using appropriate Lugs, Glands, termination acessories, Clamps etc. as required				

S.No.	DESCRIPTION OF WORKS	UNIT	 QTY	RATE	AND ASSOCIATES
0		•••••	_		
	Supplying, laying, testing & commissioning of 4	RM	50.00		
	C X 35 sq.mm. at 1100 volts grade PVC				
	insulated aluminum conductor armoured cable				
	with 10 gauge earth G.I wire ncluding cables end				
	termination using appropriate Lugs, Glands,				
	termination acessories, Clamps etc. as required				
	DISTRIBUTION BOARD				
	Supplying, installing, testing & commissiong of surface/recessed mountings, Double door 415				
	volts TPN MCB distribution board of steel steel,				
	1.6mm thick dust phosphatized and painted,				
	inclusive of 100 amps, tinned copper busbars,				
	earthbar, common neutral link, din bar for				
	mounting of MCB's detachable gland / knock out				
	plate & with built in loose wire boxl, and superior				
	make terminal connectors for all incoming				
	and outgoing circuits duly prewired with				
	adequate size of PVC insulated copper wires				
	between the bus bars and the MCB's as well				
	as the incomer and upto the terminal				
	connectors/ neutral link and ready for				
	installation of following ways as required.				
	Use 'B' curve MCB's for lighting & small power				
	circuits, 'C' curve for motor duty i.e. for pumps,				
	AC motors, window and split AC's etc. & 'D'				
	curve for UPS DB's i.e. for computers/ PC's				
	circuit. Main incomer & outgoing circuit MCB's shall be selected accordingly i.e. type B,C & D.				
	Contractor to select the MCB's accordingly as per				
	the nature of the circuit/ load.				
	Each DR shall have constants neutral links of				
	Each DB shall have separate neutral links of				
	rating not less than 100A for each phase. The main incoming neutral link shall be in addition to				
	three outgoing neutral links and shall be of 125				
	A.				
	UPS DB's shall have a dedicated Earthing link				
	fixed on insulated supports, which will be in				
	addition to body earth link.				
	All internal inter connecting wiring with in the DB's shall be PVC insulated flexible copper				
	conductor wires of adequate capacity as per the				
	current rating.				
	Inside each DB, a DB chart is to be fixed.				
а	6-way TPN DB (LIGHT DB)	No.	2.00		
	Incomer:-				
	1 No. 32 Amp TPN (10 KA) MCB with 32 A 4P				
	RCCB (100 MA) .				
	Outgoing:- 12 Nos.10/20 Amp (10 KA) SP MCB				
	12 1103.10/20 AITIP (10 NA) OF MUD				
	6-way TPN DB (POWER DB)	No.	2.00		
	Incomer:-				
	1 No. 40 Amp TPN (10 KA) MCB with 40 A 4P				
	RCCB (100 MA) Outgoing:-				
	12 Nos.10/20/25 Amp (10 KA) SP MCB				

S.No.	DESCRIPTION OF WORKS	UNIT	QTY	RATE	AMOUNT
С	8-way SPN DB (UPS INPUT)	No.	1.00		
	Incomer:-				
	1 No. 63 Amp TPN				
	Outgoing:-				
	2 Nos.40 Amp DP MCB				
d	4-way SPN DB with 2 No 32 A (10 KA) DP MCB	No.	2.00		
u	FOR DB	110.	2.00		
е	12-way SPN DB (For UPS Sub DB)	No.	1.00		
<u> </u>	Incomer:-	110.	1.00		
	1 No. 25 A DP RCCB (100 MA)				
	Outgoing:-				
	10 Nos.10Amp (10 KA) SP MCB				
		Ne	2.00		
е	8-way SPN DB (For UPS Sub DB)	No.	2.00		
	1 No. 25 A DP RCCB (100 MA)				
	Outgoing:-				
	6 Nos.10Amp (10 KA) SP MCB				
Н	4 -way V-TPN DB (AC)	No.	1.00		
	Incomer:-				
	1 No. 63 Amp 4 Pole (16 KA) MCCB				
	Outgoing:-				
	3 No. 40 Amp (16 KA) TP MCB				
	3 Nos.10/16/25/32 Amp (10 KA) SP MCB				
E	(LIGHT FITTINGS & ACCESSORIES)				
	Supplying, installation with hanging support,				
	testing and commissioning of following light				
	fixtures with electronic Ballasts, Tubes, lamps,				
	all fixing materials including connecting wires				
	etc. all complete as per the directions of				
	Engineer-in-charge (All LED Light Fixures should				
	be covered with minimum 3 Years onsite				
	replacement warranty).Philips,Wipro,Tisva,				
i	FULL GLOW 2 X 2 LED 36 W slim Smart Panel of		21.00		
	make As specified in tender document or				
	approved by SBI/Architect. Commercial				
	pattern				
ii	Supplying, fixing, testing and commissioning of	Nos.	32.00		
	15 W LED commercial type down lighter of make				
	As specified in tender document or approved by				
	SBI/Architect. Commercial pattern				
	•				
iii	Supplying, fixing, testing and commissioning of 9	Nos.	4.00		
	W LED commercial type down lighter of make As				
	specified in tender document or approved by				
	SBI/Architect.(for passage Commercial				
	nattern				
iv	supplying , fixing ,testing and commissioning of	Nos.	3.00		
	5 W LED commercial type spot light of make As				
	specified in tender document or approved by				
	bank .Commercial pattern				
		Nec	10.00		1
V		Nos.	10.00		
	accessories.make As specified in tender				1
	document or approved by bank .Commercial				
	pattern				

S.No.	DESCRIPTION OF WORKS	UNIT	- QTY	RATE	AND ASSOCIATES
vi	LED cove light necessary installation fittings. make as specified in tender document or approved by SBI/Architect. Commercial pattern				
a)	4' feet cove light	Nos.	16.00		
a)	3' feet cove light	Nos.	6.00		
a)	2' feet cove light	Nos.	6.00		
а	Wall mounted fans 400/450 mm dia. make As specified in tender document or approved by SBIIMS/Architect. AS PER BANK INSTRUCTION		8.00		
В	Ceiling Fan1200 mm dia. make As specified in tender document or approved by SBIIMS/Architect. AS PER BANK INSTRUCTION	Nos.	2.00		
С	Supply & fixing of 230 mm exhaust fan with louvers and plastic body with all accessories etc. complete of make As specified in tender document or approved by SBI/Architect.		3.00		
F.	EARTHING SYSTEM				
1	Supply, Installation, Testing and Commissioning of Waterless Maintenance Free Earthing Based on Pre-Casted Conductive Earthing Electrode Work should be executed through either Bank approved agency or M/S Information technology (ITPC) Contact:9811067053/9717983433 i) Dimensions Length x Dia (MM) : 2000 x 100 with 16mm Solid Conductor (Cu) ii) Conduction: Non Ionic Movement of Ions iii) Multi Point Dissipation Contacts iv) Exceeds Grade 25 Concrete v) Environment: Ph Neutral Internal Material vi) Relative Density: 890-990 kg/m3 vii) 3000 times more effective than Bentonite viii) Electrolytic Corrosion Resistance: >86% reduction in corrosion ix) Short Circuit Current (Tested): Peak: 40 KA RMS: 22 Kilo Amps for 1 Sec x) Mechanical Strength: >Grade 25 Concrete xi) High Fault Current Test Withstand: 1686 V				
	for 500 ms xii) Standards: IEEE 80:2000 & BS 7430 xiii) Warranty: 10 Years Full Replacement xiv)Life of Earthing: 25 Years respectively xivi) Make: KRATONITE / ITPC-METCHEM /				
i ii	T-39 T-19	Nos Nos	2.00		
2	Providing and fixing of Copper strips in surface or in recess for loop earthing etc. as required.	1105	2.00		
i	Copper Strip (PVC insulated heat shrinkable sleeves) of size 25 x 3mm as in earth continuity conductor fixed to wall or buried in ground or any other situation for loop earthing as required at site (Quantity depend on Site Requirement)		30.00		

<u> </u>					AND ASSOCIATE
S.No.	DESCRIPTION OF WORKS	UNIT	QTY	RATE	AMOUNT
iii	Providing and fixing 2 X 8 SWG dia. Cu earth	RM	60.00		
	wire in PVC conduit on surface or in recess for				
	earthing along with the existing surface/ recess				
	cable as required. From pit to the panel & UPS				
ii	25 mm x 5 mm GI strip	RM	5.00		
iii	Providing and fixing 2 X 8 SWG dia. Cu earth	RM	50.00		
	wire in PVC conduit on surface or in recess for				
	loop earthing along with the existing surface/				
	recess cable as required.				
G.	MAIN PANEL AND METER BOARD Designing, fabrication, supply, installation, testing and				
	commissionings of front operated cubicle type				
	compartmentalised, front access, free standing on 75MM "["				
	MS channel, dust and vermin proof (IP 42 degree protection)				
	panel suitable for use at 415V, 3 phase, 4-wire/XLPE Cable				
	50Hz system suitable for fault level of required value				
	symmetrical at 415V fabricated from 2 mm thick CRCA MS				
	sheets with hinged, gaskettted (Metal based neoprene) locable				
	doors having structural reinforcement including 3 mm thick gland plates on top and bottom, lifting hooks, GI earth strip of				
	required size with 2 nos earth terminals, 1 nos 230V AC				
	operated 250 mm X 250 mm size axial fans for exhaust of heat				
	with On-Off toggle switches including 2 coated primer and 2				
	power coated paint fnish of approved shade over metal surface				
	cleaned and treated with seven tank process complete with				
	interconnections etc as per specifications as required.main				
	panel board of approved make (Supertech Power				
	Control/Zeniya/Shwtech) or make as approved by architect/SBI.				
	All live accessible parts shall be shrouded and all				
	equipment shall be finger touch proof. The				
	busbars insulation shall be withheat shrinkable sleeves SMC/ DMC shrouds and busbar supports				
	shall be used. Padlocking facility shall be				
	provided on all outgoing feeders doors and				
	switch handles shall be locable in OFF position.				
	Suitable arrangement shall be made for termination of multiple incoming cables.				
	All kA values indicated shall be Ics breaking				
	capacity				
	GA drawings shall be got approved by SBI				
а.	Floor panel shall consists of : -				
	INCOMER FROM MAIN LINE 1 No. 160 Amps,TPN MCCB (25 KA) with				
	extendeble rotary handle each thermal over				
	current, instantaneous, Short circuit				
	realease.Earth fault.				
	BUSBARS 200 amps TPN pole busbar chamber of suitable				
	length with copper busbars. All busbars and				
	interconnections shall be of suitable size copper				
	strips.				
	INDICATING PANEL				
	Digital flush type class-1.0 accuracy				
	multifunction meter showing V, A, PF etc. with 3				
	Nos. current transformers of 160/5A ratio, 10 VA Class-1.0 metering 1 sets				
	Red/Blue/Yellow three phase indicating lamps				
	with SP MCB backup protection.				

S.No.	DESCRIPTION OF WORKS	UNIT	QTY	RATE	AMOUNT
	OUTGOINGS:-				
	2 Nos 63A TPN MCCB (16 kA) terminals suitable				
	to receive cable on one side and wire connection				
	to Bus bars. For capacitor Bank AND AC VTPN,				
	INCOMER FROM MAIN PANEL BUS BAR				
	1no. 125 Amp 4P On Load Change over switch				
	with 1 No. 125 Amps, TPN MCCB (25 KA) with				
	extendeble rotary handle each thermal over				
	current, instantaneous, Short circuit				
	realease.Farth fault.				
	RUCRARC				
	BUSBARS				
	150 amps TPN pole busbar chamber of suitable				
	length with copper busbars. All busbars and				
	interconnections shall be of suitable size copper				
	strips.				
	INDICATING PANEL				
	Digital flush type class-1.0 accuracy				
	multifunction meter showing V, A, PF etc. with 3				
	Nos. current transformers of 125/5A ratio, 10 VA				
	Class-1.0 metering 1 sets				
	Red/Blue/Yellow three phase indicating lamps				
	with SP MCB backup protection.				
	OUTGOINGS:-				
	4 Nos 63A TPN MCB (10 kA) terminals suitable				
	to receive cable on one side and wire connection				
	to Bus bars. (For PDB,UPS, & SPARE)				
	2 Nos 40A TPN MCB (10 kA) terminals suitable				
	to receive cable on one side and wire connection				
	to Bus bars. (For LDB)				
	1 Nos 40A DP MCB (10 kA) terminals suitable to				
	receive cable on one side and wire connection to				
	Bus bars. (For SIGNAGE)				
	The electrical panel as described above and	Set	1.00		
	specifications complete.	000			
с	Supplying, installation, testing & commissioning	Set	1.00		
	of 20 KVAR, APFC Panel auto operation with 12				
	steps stage and power factor should be nearing				
	unity complete as required inluding all				
	contactors, relays, indivating units etc. as				
	required at site".				
	Canacitor make: ABB/ Siemens/ Nentune				
	6 nos. of capacitor duty contactors				
	3 Nos. 5 KVAR MPP type heavy duty capacitor				
	banks along with 3 Nos. 16A TP MCB of 10 KA				
	service breaking capacity with heavy duty solid				
	detachable neutral link				
	2 Nos. 2 KVAR MPP type heavy duty capacitor				
	banks along with 2 Nos. 10A TP MCB of 10 KA				
	service breaking capacity with heavy duty solid				
	detachable neutral link				
	1 Nos. 1 KVAR MPP type heavy duty capacitor				
	banks along with 1 Nos. 10A TP MCB of 10 KA				
	service breaking capacity with heavy duty solid				
	detachable neutral link				

DESCRIPTION OF WORKS	UNIT	QTY	RATE	AMOUNT
PUBLIC ADDRESS SYSTEM				
of following Philips/Ahuja/agni make Music Accessories / Equipments with Supply and laying Wiring of 1.5 sq mm twin core shelded type of speaker cable with Providing and fixing in position the following FRLS PVC conduits including all accessories concealed/exposed in F.Ceiling/Wall complete as required including 1.6/2.0 mm thick		8.00		
Providing and fixing in position the following G.I. flexible conduits including all accessories				
1.6mmwall thickness 20mm dia	RM	12.00		
transformer etc. complete. Plena Range or as		1.00		
speaker, power supply control etc. President		1.00		
TOTAL FOR ELECTRICAL WORKS				
	PUBLIC ADDRESS SYSTEMSupply, installation, testing and commissioning of following Philips/Ahuja/agni make Music Accessories / Equipments with Supply and laying Wiring of 1.5 sq mm twin core shelded type of speaker cable with Providing and fixing in position the following FRLS PVC conduits including all accessories concealed/exposed in F.Ceiling/Wall complete as required including 1.6/2.0 mm thick PVC junction or pull boxes with 3mm thick perspex sheet cover plate complete with 1.6 mm dia G.I. pull wires in the length of conduit.Providing and fixing in position the following G.I. flexible conduits including all accessories1.6mmwall thickness 20mm dia Power Amplifier, 70 Watts with output transformer etc. complete. Plena Range or as approved by the Bank capale of taking Inputs from USB Also 6U Equipment Rack complete with monitor unit, speaker, power supply control etc. President make suitable for 1x70 watts amplifier system	PUBLIC ADDRESS SYSTEMSupply, installation, testing and commissioning of following Philips/Ahuja/agni make Music Accessories / Equipments with Supply and laying Wiring of 1.5 sq mm twin core shelded type of speaker cable with Providing and fixing in position the following FRLS PVC conduits including all accessories concealed/exposed in F.Ceiling/Wall complete as required including 1.6/2.0 mm thick PVC junction or pull boxes with 3mm thick perspex sheet cover plate complete with 1.6 mm dia G.I. pull wires in the length of conduit.Providing and fixing in position the following G.I. flexible conduits including all accessories1.6mmwall thickness 20mm diaPower Amplifier, 70 watts with output transformer etc. complete. Plena Range or as approved by the Bank capale of taking Inputs from USB Also6U Equipment Rack complete with monitor unit, Nos.Supproved by the Bank capale of taking Inputs from USB Also6U Equipment Rack complete with monitor unit, make suitable for 1x70 watts amplifier system	PUBLIC ADDRESS SYSTEM8.00Supply, installation, testing and commissioning of following Philips/Ahuja/agni make Music Accessories / Equipments with Supply and laying Wiring of 1.5 sq mm twin core shelded type of speaker cable with Providing and fixing in position the following FRLS PVC conduits including all accessories concealed/exposed in F.Ceiling/Wall complete as required including 1.6/2.0 mm thick PVC junction or pull boxes with 3mm thick perspex sheet cover plate complete with 1.6 mm dia G.I. pull wires in the length of conduit.Providing and fixing in position the following G.I. flexible conduits including all accessories1.6mmwall thickness 20mm dia approved by the Bank capale of taking Inputs from USB Also6U Equipment Rack complete with monitor unit, speaker, power supply control etc. President make suitable for 1x70 watts amplifier system	PUBLIC ADDRESS SYSTEMSupply, installation, testing and commissioning of following Philips/Ahuja/agni make Music Accessories / Equipments with Supply and laying Wiring of 1.5 sq mm twin core shelded type of speaker cable with Providing and fixing in position the following FRLS PVC conduits including all accessories concealed/exposed in F.Ceiling/Wall complete as required including 1.6/2.0 mm thick PVC junction or pull boxes with 3mm thick perspex sheet cover plate complete with 1.6 mm dia G.I. pull wires in the length of conduit.RM12.00Providing and fixing in position the following G.I. flexible conduits including all accessoriesRM12.00Power Amplifier, 70 Watts with output transformer etc. complete. Plena Range or as approved by the Bank capale of taking Inputs from USB AlsoNos.1.006U Equipment Rack complete with monitor unit, speaker, power supply control etc. President make suitable for 1x70 watts amplifier systemNos.1.00