	ELECTRICAL BOQ SME BR	ANCH	, SHAHE	DARA	
S.No.	DESCRIPTION OF WORKS	UNIT	QTY	RATE	AMOUNT
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.	Nee	10.00		
i	One light points controlled by one 6 amp. Modular switch.	Nos.	18.00		
ii	Two light points controlled by one 6 amp.	Nos.	27.00		
	Modular switch.		1.00		
iii	Three light points controlled by one 6 amp. Modular switch.	Nos.	4.00		
iv	Four light points controlled by one 6 amp.	Nos.	2.00		
	Modular switch.				
v	One call bell point with ceiling rose/ 6amp. 3 pin		1.00		
	socket controlled by one 6 amp. Push Modular				
vi	switch. With call bell One wall fan/ ceiling/ exhaust fan point with 6	Nos.	19.00		1
	amp 3-pin socket controlled by one 6 amp.		_2.00		
	Modular switch. The switch should be at				
	switchboard level.				
vii	One 5 pin socket controlled by one 6 amp.				
	Modular switch complete assembly includes plate				
2	box etc. Dependent	Nos.	5.00		
a vii	Same as serial no 1 but using $2*2.5 + 1*2.5$		5.00		1
	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 + 1*2.5 Sqmm copper				
	conductor wires FRLS insulated 1100V grade				
	(max 3 points per circuit).	N	11.00		
a b	Primary Point Secondary Point looped	Nos. Nos.	<u>11.00</u> 14.00		
2	POWER POINTS	1105.	14.00		
۷					1

S.No.	DESCRIPTION OF WORKS	UNIT	QTY	RATE	AMOUNT
	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 <sup>st</sup> socket and 1 <sup>st</sup> to 2 <sup>nd</sup> , 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.	15.00		
b)	Secondary Point	Nos.	9.00		
3(a)	Same as serial no.1, but wiring for A/C socket by 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.		4.00		
3(b)	Same as serial no.1, but wiring for A/C socket by 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 of weather proof type AC box with socket complete in all respects controlled by 32 A MCB to be provided near outdoor unit. The point starts from DB to the point near the outdoor unit as per manufacturer specification.		3.00		
	Same as serial no.1, but wiring for A/C socket by 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.		3.00		
4	COMPUTER POINTS				
а	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)				
	Primary Points	Nos.	11.00		

S.No.	DESCRIPTION OF WORKS	UNIT	QTY	RATE	AMOUNT
	Secondary Points	Nos.	15.00		
b	Wiring with $2x2.5$ sq.mm + $1x2.5$ sq.mm PVC		10100		
	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)				
	Primary Points	Nos.	2.00		
	Secondary Points	Nos.	2.00		
В.	CONDUITING FOR TELEPHONE, COMPUTER & CONDUITING, WIRING FOR T.V. SYSTEM.				
1.0	TELEPHONE SYSTEM				
1.1	Wiring for VOICE from Jack Panel in data rack to	Nos.	24.00		
	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.				
1.2	Supplying, laying, effecting terminations, testing				
1.2	and commissioning of 0.51 mm dia Cu.				
	5				
	Conductor, twisted, colour coded with polythene				
	capor barrier, telephone cables in the existing				
	tray or in conduit including providing &fixing				
	conduit pipe or cable tray as required from				
	building tag block to the floor as required.				
a)	Supplying & fixing 30 pair krone tag block with	Nos.	1.00		
aj	enclosure.	1105.	1.00		
b)	P/L 20 Pair of PVC insulated PVC sheathed multi	Mtrs.	50.00	<u> </u>	
	core jelly filled armored telephone.	1103.	50.00		
2	COMPUTER NETWORKING				
2.1	Wiring for computer networking from Jack Panel in	Nos.	27.00		
	data rack to computer workstation with Cat-6		_/.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				

S.No.	DESCRIPTION OF WORKS	UNIT	QTY	RATE	AMOUNT
2.2	Supplying and fixing 9 U (Rack with glass door, opening in the front power panel 1 (horizontal), cable manager 1 lock & key).	Nos.	1.00		
2.3	Supply, Installation, Testing & Commissioning of 24 port Jack Panel.	Nos.	2.00		
2.4	Supply, Installation, Testing & Commissioning of 16 port Jack Panel.	Nos.	1		
2.5	Supplying and fixing Patch Cord-2 Meter- (DBPS Mounting Cord)	Nos.	27.00		
2.6	Supplying and fixing Patch Cord-1 Meter-	Nos.	27.00		
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.	1.00		
4.0	Supply, drawing, connecting, testing and commissioning of T.V Coaxial cable RG 6 in existing conduit.		50.00		
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.				
		DM	10.00		
<u> </u>	2 X 10 sq.mm. + 1 X 6 sq.mm.	RM	10.00		
ii	1 X 10 sq mm Cu wire for earthing.	RM	50.00		
iii	2 X 6 sq.mm. + 1 X 6 sq.mm.(for UPS DB I/P and O/P )		50.00		
iv	4 X 6 sq.mm. + 2 X 6 sq.mm.	RM	20.00		
V	4 X 10 sq.mm. + 2 X 6 sq.mm.	RM	10.00		
vi	Supplying, laying, testing & commissioning of 4 C X 16 sq.mm. at 1100 volts grade PVC insulated aluminum conductor armoured cable with 10 gauge earth copper wire including cables end termination using appropriate Lugs, Glands, termination acessories, Clamps etc. as required as per specification (Light DB).		20.00		
vii	Supplying, laying, testing & commissioning of 4 C X 25 sq.mm. at 1100 volts grade PVC insulated aluminum conductor armoured cable with 10 gauge earth copper wire including cables end termination using appropriate Lugs, Glands, termination acessories, Clamps etc. as required as per specification (Power DB & Server Room DB).		20.00		
viii	Supplying, laying, testing & commissioning of 4 C X 35 sq.mm. at 1100 volts grade PVC insulated aluminum conductor armoured cable with 10 gauge earth copper wire including cables end termination using appropriate Lugs, Glands, termination acessories, Clamps etc. as required as per specification (AC DB)		20.00		

S.No.	DESCRIPTION OF WORKS	UNIT	QTY	RATE	AMOUNT
ix	Supplying, laying, testing & commissioning of 4 C x 70 sq.mm. at 1100 volts grade PVC insulated aluminum conductor armoured cable with 10 gauge earth copper wire including cables end termination using appropriate Lugs, Glands, termination acessories, Clamps etc. as required as per specification (Mains).		40.00		
2	Cable Tray and Raceways				
	Supplying and fixing of following size of Perforated pre paited ms Cable Trays with perforation not more than 17.5% in convenient section, joined with connector, suspended from the ceiling with M.S. suspenders including bolts & nuts, paiting suspenders etc as required. Rates shall be included tee, band reducers etc				
a.	150x150 x50 2mm thick Cable tray (For Submain Incoming)	RM	10		
b. 3	200x200 x50 2mm thick Cable tray (For Main and DG) Fabricating supplying to site of installation, in	RM	10		
	floor including chase cutting of floor, leveling, refilling and making good the same 1.6 mm thick G.I raceways of height 40 mm and 2.0 mm thick openable cover, totally enclosed, The two lengths of channels and junction box shall be nut bolted together to make it dust and water proof. complete with all fixing accessories as required.				
a.	150 mm (wide) x 40 mm (height)	RM	10		
b.	100 mm (wide) x 40 mm (height)	RM	30		
D.	<b>DISTRIBUTION BOARD</b> 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.				

S.No.	DESCRIPTION OF WORKS	UNIT	QTY	RATE	AMOUNT
	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.				
		No	1.00		
а	6-way TPN DB (LIGHT DB ) Incomer:-	No.	1.00		
	1 No. 40 Amp TPN (10 KA) MCB with 40 A DP RCCB (100 MA) each phase				
	Outgoing:- 12 Nos.6/10 Amp (10 KA) SP MCB				
	12 NOS.0/10 AMP (10 KA) SP MCB				
b	6-way V-TPN DB (AC ) Incomer:-	No.	1.00		
	1 No. 63 Amp 4 Pole (16 KA) MCCB				
	Outgoing:-				
	3 No. 40 Amp (16 KA) TP MCB				
	10 Nos. 10/16/25/32 Amp (10 KA) SP MCB				
С	8-way TPN DB (Power DB)	No.	1.00		
	Incomer:-				
	1 No. 63 Amp TPN (10 KA) MCB with with 40 A DP RCCB (100 MA) each phase				
	Outgoing:-				
	18 Nos.10/16/20/32 Amp (10 KA) SP MCB				
d	4-way VTPN DB UPS ROOM	No.	1.00		
	Incomer:-				
	1 No. 63 Amp TPN (16 KA) MCCB as Incomer				
	Outgoing:-				
	2 Nos. 63 Amp (10 KA) TP MCB, For UPS				
	2 Nos. 25 Amp (10 KA) SP MCB, For Split AC 2 Nos. 6/10/16 Amp (10 KA) SP MCB, For Lights,				
	Power & spare				
	4-way SPN DB with 2 No 40A DP MCB and (For	No.	1.00		
е	UPS OUTPUT)	NO.	1.00		
f	<b>4-way SPN DB</b> with 1 No 63 A (10 KA) TPN MCB (For UPS Input)	No.	2.00		
g	16-way SPN DB (For UPS Sub DB) Incomer:-	No.	1.00		
	1 No. 40 Amp DP (10 KA) MCB with 40 A DP				
	RCCB (100 MA)				<u> </u>
	Outgoing:- 12 Nos.6/10/16/25Amp (10 KA) SP MCB				
	12 1103.0/10/10/23AIIIP (10 KA) 3P MCD				1
Е	(LIGHT FITTINGS & ACCESSORIES)				1

S.No.	DESCRIPTION OF WORKS	UNIT	QTY	RATE	AMOUNT
	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 warrantv).				
i	FULL GLOW 2 X 2 LED 36 W slim Smart Panel of make As specified in tender document or approved by SBIIMS/Architect.		25.00		
ii	Supplying, fixing, testing and commissioning of 15 W LED commercial type down lighter of make As specified in tender document or approved by SBIIMS/Architect.		40.00		
iii	Supplying, fixing, testing and commissioning of 9 W LED commercial type down lighter of make As specified in tender document or approved by SBIIMS/Architect.		15.00		
iv	supplying, fixing, testing and commissioning of 5 W LED commercial type spot light of make As specified in tender document or approved by bank		5		
V	LED 18 watt Tube Light with all accessories.make As specified in tender document or approved by bank		4		
vi	LED Strip for cove lighting 15 W per 5 M with driver and necessary installation fittings Led strip light (5 mtr.) make as specified in tender document or approved by SBIIMS/Architect.		10.00		
vii	Supply, installation, testing and commissioning of following fans with all fixing materials like white Polycarbonate 2 mm Hylem sheet cover, down rods, fan box as required etc. all complete as per the directions of Engineer-in-charge.				
а	Wall mounted fans 400 mm dia. make As specified in tender document or approved by SBIIMS/Architect. (Full metal Body Only)		15.00		
b	Supply & fixing of 230 mm exhaust fan 'Ventilair DX W' with self closing louvers and plastic body with all accessories etc. complete of make As specified in tender document or approved by SBIIMS/Architect.		4.00		
F.	EARTHING SYSTEM				

S.No.	DESCRIPTION OF WORKS	UNIT	QTY	RATE	AMOUNT
1	Supply, Installation, Testing and Commissioning of Maintenace Free Earthing system made up of copper-bonded rod of 10 feet length,23 mm dia. (Minimum copper bonding shall be 0.25mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).	Nos	2.00		
2	Supply, Installation, Testing and Commissioning of Maintenace Free Earthing system made up of copper-bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill).	Nos	2.00		
3	Providing and fixing of Copper/ GI strips in surface or in recess for loop earthing etc. as required				
i	25 mm x 3 mm copper strip in B-class GI pipe	RM	10.00		
ii	25 mm x 3 mm copper strip with proper clamps	RM	10.00		
iii	25 mm x 5 mm GI strip	RM	20.00		
iv	Providing and fixing 2 X 8 SWG dia. Cu earth wire in PVC conduit on surface or in recess for loop earthing along with the existing surface/ recess cable as required.	RM	100.00		
G.	MAIN PANEL AND METER BOARD				

S.No.	DESCRIPTION OF WORKS	UNIT	QTY	RATE	AMOUNT
	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 50Hz				
	system suitable for fault level of required value				
	symmetrical at 415V fabricated from 2mm thick				
	CRCA MS sheets with hinged, gaskettted (Metal				
	based neoprene) locable doors having structural				
	reinforcement including 3mm thick gland plates				
	on top and bottom, lifting hooks, GI earth strip of				
	required size with 2 nos earth terminals, 2 nos				
	230V AC operated 250mm X 250mm 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 (KRYPTON POWER				
	CONTROLS/NEPTUNE/TRICOLITE/AMPTECH Or				
	should be CPRI Approved, Type of Approval as				
	instructed by the SBIIMS/Architect)as per the				
	Approved.				
	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	Fabrication, supply, installation, testing and				
	commissionings of cubicle type floor/wall				
	mounted L.T. panel made out of 2 mm thick				
	CRCA sheet including connection, inter-connection				
	alongwith 4 strip aluminium busbar as per CPWD				
	specifications,(Part IV-Sub-station) etc. as				
	required (Meter Board)				
	Incoming :-				
	i) 1 No. 125 Amps, TPN MCCB (35 kA) with				
	extendeble rotary handle .				
	ii) <u>Busbar</u> :-160 Amps 4P aluminum conductor				
	bus bar (BPTM type Heat-shrinkable busbar				
	insulation) supported by DMC / FRP insulators.				
	Space shall be provide for the BSES Meter				
	Meter board shall be lockable.				
	Complete panel described as above.	1	1		
b.	Floor panel shall consists of : -				
	INCOMER				

S.No.	DESCRIPTION OF WORKS	UNIT	QTY	RATE	AMOUNT
	1no. 125 Amp 4P On Load Change over switch with 1 No. 125 Amps,TPN MCCB (25 KA) with extendeble rotary handle <b>each thermal over</b> current, instantaneous, Short circuit realease.Earth fault.				
	BUSBARS				
	160 amps TPN pole busbar chamber of suitable length with copper busbars. All busbars and interconnections shall be of suitable size copper strips current density of copper shall not be more than 1.6 Amps/sq.mm provide 50% capacity for neutral bus bar.				
	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/Green/Amber ON/OFF/TRIP indicating lamps with 2A SP MCB backup protection.				
	1 set of three phase indicating lamps along with				
	2A SP MCB backup protection. Restricted Earth fault relay with 3 Nos. current transformers of 125/5 ratio, 15 VA Class 5P 10 (Numeric Relav not required.) Undervoltage, Overvoltage & phase reversal relay for persisted voltage of 105-180% & 20-95% of rated voltage. (Numeric Relay not required.)				
	OUTGOINGS:-				
	3 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 <u>VTPN.UPS VTPN</u> 2 Nos 63A TPN MCB (10 kA) terminals suitable to receive cable on one side and wire connection				
	to Bus bars. (For PDB,)				
	2 Nos 40A TPN MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars. (For LDB )				
	3Nos 40A DP MCB (10 kA) terminals suitable to receive cable on one side and wire connection to Bus bars.				
	The <b>electrical panel</b> as described above and specifications complete.	Set	1.00		
c	<b>Capacitor Panel</b> Supplying, installation, testing & commissioning of 25 KVAR, APFC Panel autooperation and power factor should be nearing unity complete as required inluding all contactors, relays, indivating units etc. as required at site". Capacitor make: L&T/ ABB/ Siemens/ Neptune		1.00		

S.No.	DESCRIPTION OF WORKS	UNIT	QTY	RATE	AMOUNT
<u>н</u> 1	<b>PUBLIC ADDRESS SYSTEM</b> Supply and laying Wiring of 1.5 sq mm twin core shelded type of speaker cable with Providing and fixing in 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 3 mm thick perspex sheet cover plate complete with 1.6 mm dia G.I. pull wires in the length of conduit.		100.00		
2	Providing and fixing in position the following G.I. flexible conduits including all accessories				
<u>a.</u> 3	1.6 mm wall thickness 20 mm dia Supply, installation, testing and commissioning of following Philips/BOSCH or equivalent make Music Accessories/ Equipments.	RM	6.00		
a.	Ceiling Speaker Unit 6 Watts.	Nos.	6.00		
b	Power Amplifier, 70 Watts with output transformer etc. complete. Plena Range or as approved by the Bank capale of taking Inputs from USB Also		1.00		
d	6U Equipment Rack complete with power supply control etc. President make suitable for 1x70 watts amplifier system With all terminating set up.		1.00		
	TOTAL FOR ELECTRICAL WORKS				
Not	e:- The rates quoted includes all other taxes , dutie expenses etc to site. only GS				rtation, other