	BOQ of Electrical & Allied works for SBI S	ECTOR-	8,DWAR	RKA,NEW DE	LHI.
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 flling 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.	Nos.	7.00		
ii	Modular switch Two light points controlled by one 6 amp.	Nos.	18.00		
"	Modular switch	1403.	10.00		
iii	Three light points controlled by one 6 amp.	Nos.	5.00		
	Modular switch	NI	6.00		
iv	Four light points controlled by one 6 amp. Modular switch	Nos.	6.00		
V	Five light points controlled by one 6 amp.	Nos.	5.00		
	Modular switch				
vi	One call bell point with ceiling rose/ 6amp. 3 pin	Nos.	1.00		
	socket controlled by one 6 amp. Push Modular switch. With call bell				
vii	One wall fan/ exhaust fan point controlled by one 6 amp. Modular switch. The switch should be at switchboard level		10.00		
viii	One 5 pin socket controlled by one 6 amp. Modular switch complete assembly includes plate box etc.				
а	Dependent	Nos.	5.00		
ix	One ceiling fan point with step type regulator	Nos.	1.00		

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	Page 2			ס קוטנ	WARKA / ELECT. /
X	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 $2*2.5 + 1*2.5$ Sqmm copper				
	conductor wires FRLS insulated 1100V grade.				
	conductor wires rives insulated 1100 v grade.				
а	Primary	Nos.	5.00		
b	Secondary	Nos.	9.00		
	Secondary	1105.	9.00		
-					
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 Board.				
	, , , , , , , , , , , , , , , , , , ,				
а	Primary Point	Nos.	2.00		
- a	1 Timber y Tomic	1103.	2.00		
	DOWED DOINTS				
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).				
			4.00		
a)	Primary point	Nos.	4.00		
a) b)		Nos.	4.00 4.00		
	Primary point				
b)	Primary point Secondary point	Nos.			
	Primary point Secondary point Same as serial no.1, but wiring for A/C socket by	Nos.	4.00		
b)	Primary point Secondary point Same as serial no.1, but wiring for A/C socket by using 2*4 sq.mm. PVC insulated 1100 V grade	Nos.	4.00		
b)	Primary point Secondary point 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	Nos.	4.00		
b)	Primary point Secondary point 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	Nos.	4.00		
b)	Primary point Secondary point 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	Nos.	4.00		
b)	Primary point Secondary point 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	Nos.	4.00		
b)	Primary point Secondary point 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	Nos.	4.00		
b)	Primary point Secondary point 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	Nos.	4.00		
b)	Primary point Secondary point 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	Nos.	4.00		
b)	Primary point Secondary point 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	Nos.	4.00		
b)	Primary point Secondary point 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	Nos.	4.00		
3(a)	Primary point Secondary point 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	Nos.	4.00		
b)	Primary point Secondary point 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 to a Same as serial no.1, but wiring for A/C socket by	Nos.	4.00		
3(a)	Primary point Secondary point 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	Nos.	4.00		
3(a)	Primary point Secondary point 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 to a serial no.1, but wiring for A/C socket by using 2*6 sq.mm. PVC insulated 1100 V grade	Nos.	4.00		
3(a)	Primary point Secondary point 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 to the point near the indoor unit including to the point of the point near the indoor unit including to the point of the point near the indoor unit including to the point near the indoor unit including the point near the indoor unit included the point near the point near the point nea	Nos.	4.00		
3(a)	Primary point Secondary point 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 to a sq.mm. PVC insulated 1100 V grade copper conductor wire and earthing with 1*6.0 sq.mm. PVC insulated 1100 V grade copper	Nos.	4.00		
3(a)	Primary point Secondary point 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 to a 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	Nos.	4.00		
3(a)	Primary point Secondary point 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 to a sq.mm. PVC insulated 1100 V grade copper conductor wire and earthing with 1*6.0 sq.mm. PVC insulated 1100 V grade copper	Nos.	4.00		
3(a)	Primary point Secondary point 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 to a 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 32	Nos.	4.00		
3(a)	Primary point Secondary point 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 to the point near the indoor unit including to the point of the point near the indoor unit including to the point near the indoor unit included the point near th	Nos.	4.00		
3(a)	Primary point Secondary point 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 to a 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 32 Amp (10 KA) MCB to be provided near outdoor unit. The point starts from DB to the point near	Nos.	4.00		
3(a)	Primary point Secondary point 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 to the point near the indoor unit including to 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 32 Amp (10 KA) MCB to be provided near outdoor unit. The point starts from DB to the point near the outdoor unit. Item to also include termination	Nos.	4.00		
3(a)	Primary point Secondary point 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 to a 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 32 Amp (10 KA) MCB to be provided near outdoor unit. The point starts from DB to the point near	Nos.	4.00		
3(a)	Primary point Secondary point 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 to the point near the indoor unit including to 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 32 Amp (10 KA) MCB to be provided near outdoor unit. The point starts from DB to the point near the outdoor unit. Item to also include termination	Nos.	4.00		
3(a)	Primary point Secondary point 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 to the point near the indoor unit including to 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 32 Amp (10 KA) MCB to be provided near outdoor unit. The point starts from DB to the point near the outdoor unit. Item to also include termination	Nos.	4.00		

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3(c)				
3(0)	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 and weather proof type 4 way		2.00	
	SPN DB complete in all respects controlled by with 40 Amp TPN (10 KA) MCB to be provided near outdoor unit. The point starts from DB to			
	the point near the outdoor unit (includes wires for terminal connection of outdoor unit from TPN) including wiring to the terminals of the outdoor unit from weather proof box. Item to also include			
	termination lid between MCB and outdoor unit.			
4	COMPUTER POINTS			
a	Wiring with 2x2.5 sq.mm. + 1x2.5 sq.mm. PVC			
d	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.			
	Primary	Nos.	4.00	
	Primary Secondary	Nos.	4.00 6.00	
b	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 1 nos. 16 amps 5 pin modular type sockets, 1 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.	Nos.	6.00	
b	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 1 nos. 16 amps 5 pin modular type sockets, 1 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.	Nos.	2.00	
b	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 1 nos. 16 amps 5 pin modular type sockets, 1 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.	Nos.	6.00	
b	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 1 nos. 16 amps 5 pin modular type sockets, 1 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.	Nos.	2.00	
b	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 1 nos. 16 amps 5 pin modular type sockets, 1 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.	Nos.	2.00	
b	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 1 nos. 16 amps 5 pin modular type sockets, 1 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.	Nos.	2.00	
b	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 1 nos. 16 amps 5 pin modular type sockets, 1 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.	Nos.	2.00	
b	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 1 nos. 16 amps 5 pin modular type sockets, 1 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.	Nos.	2.00	
b	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 1 nos. 16 amps 5 pin modular type sockets, 1 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.	Nos.	2.00	
b	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 1 nos. 16 amps 5 pin modular type sockets, 1 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.	Nos.	2.00	
b	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 1 nos. 16 amps 5 pin modular type sockets, 1 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.	Nos.	2.00	

B.	Page 4			02., 2.	VARKA / ELECT.	
D.	CONDUITING FOR TELEPHONE, COMPUTER					
	& CONDUITING, WIRING FOR T.V. SYSTEM.					
					+	
1.0	TELEBLIONE SYSTEM					
1.0	TELEPHONE SYSTEM					
1.1	Wiring for VOICE from Jack Panel in data rack to	Nos.	9.00			
	computer workstation with Cat-6 voice cable in					
	PVC conduits of size 20/ 25 mm including					
	providing ferrules at both ends and termination					
	l' -					
	at both ends including providing & fixing frame					
	for telephone socket with shutter, RJ 47 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.					
	Thom the 1/0 hab to the point.					
1.2	Supplying, laying, effecting terminations, testing					
	and commissioning of 0.51 mm dia Cu.					
	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 10 pair krone tag block with	Nos.	1.00			
	enclosure.					
2	COMPUTER NETWORKING					
2.1	Wiring for computer networking from Jack Panel	Nos.	15.00			
	in data rack to computer workstation with Cat-6					
	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,					
	for a college and many making the college of mandy law					
	fraceplate and mounting box complete of modulari					
	faceplate and mounting box complete of modular type. This work includes supply and laying of CAT-					
	type, This work includes supply and laying of CAT					
	type, This work includes supply and laying of CAT-6 cable in PVC conduits throughout the lenght,					
	type, This work includes supply and laying of CAT					
2.2	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.		1.00			
2.2	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. Supplying and fixing 9 U (Rack with glass door,	Nos.	1.00			
2.2	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. Supplying and fixing 9 U (Rack with glass door, opening in the front power panel 1 (horizontal),		1.00			
	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. Supplying and fixing 9 U (Rack with glass door, opening in the front power panel 1 (horizontal), cable manager 1 lock & key).	Nos.				
2.2	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. Supplying and fixing 9 U (Rack with glass door, opening in the front power panel 1 (horizontal), cable manager 1 lock & key). Supply, Installation, Testing & Commissioning of	Nos.	1.00			
2.3	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. Supplying and fixing 9 U (Rack with glass door, opening in the front power panel 1 (horizontal), cable manager 1 lock & key). Supply, Installation, Testing & Commissioning of 24 port Jack Panel.	Nos.	2.00			
	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. Supplying and fixing 9 U (Rack with glass door, opening in the front power panel 1 (horizontal), cable manager 1 lock & key). Supply, Installation, Testing & Commissioning of 24 port Jack Panel. Supplying and fixing Patch Cord-2 Meter- (DBPS	Nos.				
2.3	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. Supplying and fixing 9 U (Rack with glass door, opening in the front power panel 1 (horizontal), cable manager 1 lock & kev). Supply, Installation, Testing & Commissioning of 24 port Jack Panel. Supplying and fixing Patch Cord-2 Meter- (DBPS Mounting Cord)	Nos.	2.00			
2.3	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. Supplying and fixing 9 U (Rack with glass door, opening in the front power panel 1 (horizontal), cable manager 1 lock & key). Supply, Installation, Testing & Commissioning of 24 port Jack Panel. Supplying and fixing Patch Cord-2 Meter- (DBPS	Nos.	2.00			
2.3	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. Supplying and fixing 9 U (Rack with glass door, opening in the front power panel 1 (horizontal), cable manager 1 lock & kev). Supply, Installation, Testing & Commissioning of 24 port Jack Panel. Supplying and fixing Patch Cord-2 Meter- (DBPS Mounting Cord)	Nos.	2.00			
2.3	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. Supplying and fixing 9 U (Rack with glass door, opening in the front power panel 1 (horizontal), cable manager 1 lock & kev). Supply, Installation, Testing & Commissioning of 24 port Jack Panel. Supplying and fixing Patch Cord-2 Meter- (DBPS Mounting Cord)	Nos.	2.00			
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2.3	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. Supplying and fixing 9 U (Rack with glass door, opening in the front power panel 1 (horizontal), cable manager 1 lock & kev). Supply, Installation, Testing & Commissioning of 24 port Jack Panel. Supplying and fixing Patch Cord-2 Meter- (DBPS Mounting Cord)	Nos.	2.00			
2.3	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. Supplying and fixing 9 U (Rack with glass door, opening in the front power panel 1 (horizontal), cable manager 1 lock & kev). Supply, Installation, Testing & Commissioning of 24 port Jack Panel. Supplying and fixing Patch Cord-2 Meter- (DBPS Mounting Cord)	Nos.	2.00			
2.3	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. Supplying and fixing 9 U (Rack with glass door, opening in the front power panel 1 (horizontal), cable manager 1 lock & kev). Supply, Installation, Testing & Commissioning of 24 port Jack Panel. Supplying and fixing Patch Cord-2 Meter- (DBPS Mounting Cord)	Nos.	2.00			
2.3	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. Supplying and fixing 9 U (Rack with glass door, opening in the front power panel 1 (horizontal), cable manager 1 lock & kev). Supply, Installation, Testing & Commissioning of 24 port Jack Panel. Supplying and fixing Patch Cord-2 Meter- (DBPS Mounting Cord)	Nos.	2.00			
2.3	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. Supplying and fixing 9 U (Rack with glass door, opening in the front power panel 1 (horizontal), cable manager 1 lock & kev). Supply, Installation, Testing & Commissioning of 24 port Jack Panel. Supplying and fixing Patch Cord-2 Meter- (DBPS Mounting Cord)	Nos.	2.00			

	rage 3			יייט אוט אוט אוט אוט אוט אוט אוט אוט אוט או	ARRA / LLLC1. / BO
1 1	CABLES, MAINS & SUBMAINS 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.				
	2 V C 27 7272 + 1 V C 27 7272	DM	20.00		
<u> </u>	2 X 6 sq.mm. + 1 X 6 sq.mm.	RM	30.00		
ii	4 X 10 sq.mm. + 2 X 6 sq.mm.	RM	5.00		
iii	Supplying, laying, testing & commissioning of 4 C X 16 sq.mm. at 1100 volts grade PVC insulated aluminium 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 PLUG DB, UPS		35.00		
iv	Supplying, laying, testing & commissioning of 4 C X 25 sq.mm. at 1100 volts grade PVC insulated aluminium 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).	RM	10.00		
V	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 (for AC DB)		10.00		
vi	Supplying, laying, testing & commissioning of 4 C X 70 sq.mm. at 1100 volts grade PVC insulated aluminum conductor armoured cable including cables end termination using appropriate Lugs, Glands, termination acessories, Clamps etc. as required as per specification (for Main Connection)		40.00		
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n	DISTRIBUTION ROADD			52., 21.	ARRA / LLLC1. / BO
D.	DISTRIBUTION BOARD Supplying installing testing & commissions of				
	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 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				
	Δ				
	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.				
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а	6-way TPN DB (LIGHT DB & 6 A raw point)	No.	1.00		
	Incomer:-				
	1 No. 40 Amp TPN (10 KA) MCB with 40 A DP				
	RCCB (100 MA) each phase				
	Outgoing:-				
	12 Nos.10/20 Amp (10 KA) SP MCB				
b	6-way TPN DB (POWER DB)	No.	1.00		
	Incomer:- 1 No. 40 Amp TPN (10 KA) MCB with 40 A DP				
	RCCB (100 MA) each phase				
	Outgoing:-				
	12 Nos.10/20 Amp (10 KA) SP MCB				
С	8-way SPN DB (UPS INPUT)	No.	1.00		
	Incomer:-				

	Page /			2RI/ DA	/ARKA / ELECT. /BO
	1 No. 63 Amp TPN				
	Outgoing:-				
	2 Nos.40 Amp DP MCB				
d	4-way V-TPN DB (AC)	No.	1.00		
	Incomer:-				
	1 No. 40 Amp TPN 4 Pole (16KA) MCCB				
	Outgoing:-				
	2 Nos. 32 Amp (10 KA) TP MCB				
	6 Nos. 32 Amp (10 KA) SP MCB				
е	2-way SPN DB with 40 A DP MCB (For UPS	No.	2.00		
	- · · · · · · · · · · · · · · · · · · ·				
	Input / output)				
f	12-way SPN DB (For UPS OUTPUT)	No.	1.00		
	Incomer:-				
	i				
	1 No. 25 Amp DP (10 KA) MCB with 25 A DP				
	RCCB (100 MA)		<u> </u>		<u> </u>
	Outgoing:-				
	8 Nos.6/10/16 Amp (10 KA) SP MCB				-
a	8-way SPN DB (For Elobby)	No.	2.00		
	Incomer:-				
			1		-
	1 No. 25 Amp DP (10 KA) MCB with 25 A DP				
	RCCB (100 MA)				
	Outgoing:-				
	4 Nos.6/10/16 Amp (10 KA) SP MCB				
Е	(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)				
i	FULL GLOW 2 X 2 LED 36 W slim Smart Panel of	Nos.	23.00		
	make As specified in tender document or				
	· · · · · · · · · · · · · · · · · · ·				
	approved by SBI/ Architect.				
ii	Supplying, fixing, testing and commissioning of	Nos.	43.00		
	15/18 W LED commercial type down lighter of				
	, ,				
	make As specified in tender document or				
	approved by SBI/ Architect.				
iii	Supplying, fixing, testing and commissioning of	Nos.	1.00		
1	1				
	20 W LED T 8 fitting make As specified in tender				
	document or approved by SBI/ Architect.				
	·				
iv	LED Strip for cove lighting 15 W per 5 M with	Nos.	40.00		
'*		1103.	70.00		
	driver and necessary installation supporting				
	fittings of Led strip light (5 mtr.) make as				
	specified in tender document or approved by SBI/				
	1 '				
	Architect.				
V	Supplying, fixing, testing and commissioning of	Nos.	25.00		
	3/5 W LED commercial type down lighter of make				
	, · · · · · · · · · · · · · · · · · · ·				
	As specified in tender document or approved by				
	SBI/ Architect.				

SBI/ DWARKA / ELECT. /BOQ

	Page 8			301/ DW	ARKA / ELECT. /B	$\underline{\sim}$
Vİ	Wall mounted fans 400/450 mm dia. make As specified in tender document or approved by SBI/Architect. (METAL BODY)	Nos.	7.00			
vii	Ceiling fans 1200 mm dia. make As specified in tender document or approved by SBI/ Architect.	Nos.	1.00			
viii	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.	Nos.	4.00			
F.	EARTHING SYSTEM					┪
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	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 eith using of copper lugat end termination	RM	60.00			
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<u>G.</u> 1	supply, installation, testing and commissionings of cubicle type floor/wall mounted L.T. Metal D.B of reputeded make with extendeble rotary handle and extended connecting links				
	1 No. 125 Amps,TPN MCCB (25 KA) with standard enclosure as per manufacturer specification or as approved by the architect/Bank's Engineer	Nos.	1.00		
2	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 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, 2 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				
	Type of Approval as instructed by the SBI/Architect). All live accessible parts shall be shrouded and all equipment shall be finger touch proof. The busbars insulation shall be with heat 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				
	Suitable arrangement shall be made for termination of multiple incoming cables. All kA values indicated shall be Ics breaking capacity				
а.	GA drawings shall be got approved by Architect / SBI Floor panel shall consists of : -				
	INCOMER FROM MAIN LINE 1 No. 125 Amps,TPN MCCB (25 KA) with extendeble rotary handle each thermal over current, instantaneous, Short circuit realease.Farth fault.				
	BUSBARS				

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С	Supplying, installation, testing & commissioning of 15KVAR, 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: ABB/ Siemens/ Neptune/SELEC	Set	1.00			
	6 nos. of capacitor duty contactors					
	1 Nos. 5 KVAR MPP type heavy duty capacitor banks along with 1 Nos. 16A TP MCB of 10 KA service breaking capacity with heavy duty solid detachable neutral link					
	4 Nos. 2 KVAR MPP type heavy duty capacitor banks along with 4 Nos. 10A TP MCB of 10 KA service breaking capacity with heavy duty solid detachable neutral link					
	2 Nos. 1 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	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. including all accessaries.	RM	75.00			
2	Supply, installation, testing and commissioning of following Philips (BOSCH) make Music Accessories / Equipments.					
a.	Ceiling Speaker Unit 6 Watts	Nos.	5.00			
b	Power Amplifier, min 70 Watts with output transformer etc. complete. Plena Range/ Ahuja or as approved by the Bank capable of taking Inputs from USB Also.	Nos.	1.00			
	TOTAL FOR ELECTRICAL WORKS					

Note:- The rates quoted includes all other taxes , duties , loading, unloading , transportation, other expenses etc to site. only GST will be paid Extra