

BILL OF QUANTITIES

MAIN SUMMARY

S.NO.	DESCRIPTION	AMOUNT (Rs.)
1	CONDUITS & PIPES	
2	DISTRIBUTION BOARD	
3	WIRING ACCESSORIES	
4	LIGHTING FIXTURES & FANS	
5	WIRING FOR LIGHTS, FANS & SOCKETS	
6	VOICE COMMUNICATION SYSTEMS (Passive Equipment Only)	
7	CABLE TELEVISION SYSTEM (CATV)	
	TOTAL AMOUNT CARRIED TO GRAND SUMMARY	

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S.NO.	DESCRIPTION	QTY	UNIT	RATE (Pak Rs.)	AMOUNT (Pak Rs.)
2	<u>DISTRIBUTION BOARD</u>				
a)	Supply, installation, testing and commissioning of following wall mounting / floor standing surface type Distribution Board (DB) made with 16 SWG sheet metal, dust protected, vermin proof housing coated with approved color having all the necessary switching, energy analyzer etc., protections, as per drawing and specification, complete in all respect.				
i	DB-RA	1	No.		
Amount Carried to Summary					

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S.NO.	DESCRIPTION	QTY	UNIT	RATE (Pak Rs.)	AMOUNT (Pak Rs.)
4	<u>LIGHTING FIXTURES & FANS</u>				
a)	Supply, installation, testing and commissioning of following Light fixtures complete with starters, Electronic ballast (unless mention otherwise), lamps, lamp holders, drivers, mounting accessories etc., as per drawings and specifications, complete in all respects. Lighting fixtures sample must be submitted to consultant for approval. Note: Refer light fixtures drawings for complete light fixtures details.				
i	Suspended Ceiling mounted LED Chandelier Light Fixture with 100W LED lamp	2	No.		
ii	Surface Ceiling mounted LED Downlight Fixture (IP-20), PF>0.9, 4000K with Aluminum Profile housing and 1x25W LED lamp	38	No.		
iii	Surface Ceiling mounted LED Downlight Fixture (IP-44), PF>0.9, 4000K with Aluminum housing and 1x10W LED lamp	8	No.		
iv	Pergola / Recessed mounted LED Spot Light Fixture (IP-44), PF>0.9, 4000K with 1x3W LED lamp	23	No.		
v	Wall / Surface mounted LED Wall Light Fixture (IP-20), PF>0.9, 4000K with Aluminum housing, Glass cover and 1x25W LED lamp	16	No.		
vi	Wall / Surface mounted LED Wall Light Fixture (IP-54), PF>0.9, 3000K with Polycarbonate housing and 1x10W LED lamp	38	No.		
vii	Wall mounted LED Mirror Light Fixture (IP-44) with 1x8W LED lamp	3	No.		
b)	Supply, installation, testing and commissioning of following types of fan / Bell, including all connecting accessories, flexible wire etc. as per drawings and specifications, complete in all respects.				
i	56" dia Sweep Ceiling Fan complete with hook	8	No.		
ii	24" dia Sweep Wall Bracket Fan	1	No.		
iii	8" dia Exhaust Fan	7	No.		
iv	Door Bell Unit (Bell Chime)	1	No.		
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S.NO.	DESCRIPTION	QTY	UNIT	RATE (Pak Rs.)	AMOUNT (Pak Rs.)
5	<u>WIRING FOR LIGHTS, FANS & SOCKETS</u>				
a)	Supply, laying, tagging, testing and commissioning of Circuit wiring from DB to Switchboard including wiring between switch on the same circuit with 2x2.5 sq.mm + 1x2.5 sq.mm as ECC single core copper conductor PVC insulated wires in 3/4" dia PVC conduit, surface / recessed in wall, column, ceiling etc., including with all conduit accessories, as per drawing and specification, complete in all respect.	8	No.		
b)	Supply, laying, tagging, testing and commissioning of Point wiring from Switch Board to Light/fan/bell Point with 3x1.5 sq.mm. single core copper conductor PVC insulated wires in 3/4" dia PVC conduit, surface / recessed in wall, column, ceiling etc., including with all conduit accessories, as per drawing and specification, complete in all respect.	65	No.		
c)	Supply, laying, tagging, testing and commissioning of Point wiring from Light point to Light point with 3x1.5 sq.mm. single core copper conductor PVC insulated wires in 3/4" dia PVC conduit, surface / recessed in wall, column, ceiling etc., including with all conduit accessories, as per drawing and specification, complete in all respect.	52	No.		
d)	Supply, laying, tagging, testing and commissioning of Circuit wiring from DB to 1st. light point with 2x2.5 sq.mm. + 1x2.5 sq.mm as ECC single core copper conductor PVC insulated wires in 3/4" dia PVC conduit, surface / recessed in wall, column, ceiling etc., including with all conduit accessories, as per drawings and specifications, complete in all respect.	2	No.		
e)	Supply, laying, tagging, testing and commissioning of Point wiring from Light Point to Light Point with 3x1.5 sq.mm. single core copper conductor PVC insulated wires in 3/4" dia PVC conduit, surface / recessed in wall, column, ceiling etc., including with all conduit accessories, as per drawings and specifications, complete in all respect.	26	No.		
f)	Supply, laying, tagging, testing and commissioning of wiring for 13A Switch Socket outlet with 2x2.5 sq.mm + 1x2.5 sq.mm as ECC single core copper conductor PVC insulated wires in 25mm dia PVC conduit, surface / recessed in wall, column, ceiling, under floor etc., including with all conduit accessories, as per drawing and specification, complete in all respect.				
i	DB to Socket outlet	5	No.		
ii	Socket outlet to Socket outlet	30	No.		

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S.NO.	DESCRIPTION	QTY	UNIT	RATE (Pak Rs.)	AMOUNT (Pak Rs.)
6	<u>VOICE COMMUNICATION SYSTEMS (Passive Equipment Only)</u> Supply, installation, testing and commissioning of following items for Voice Communication System, described below including all accessories, complete with mounting brackets, installation accessories, wiring etc. as per drawings and specifications, complete in all respect.				
a)	Supply, installation, testing and commissioning of Single RJ-45, Cat-6 outlet for Voice with shutter type and 16 SWG back box including tagging, as per drawing and specification, complete in all respect.	5	No.		
b)	Supply, laying, termination, testing and commissioning of CAT 6 4 pair cable for Single RJ-45 outlet (for Voice) in 25mm dia PVC conduit concealed / surface from each outlet to TJB, including tagging and piping with all necessary accessories, complete in all respect.	80	Rm.		
c)	Supply, installation, testing and commissioning of CAT-6 UTP (RJ-45 to RJ-45) for the above Patch Panels including with all necessary accessories, as per drawing and specification, complete in all respect.				
i	CAT-6 (2m) Long Patch Cord	5	No.		
d)	Supply, installation, testing and commissioning of following 19" Tag blocks in Telephone Junction Box (TJB), as per drawing and specification, complete in all respect.				
i	TJB-RA with 1x10 Pair IDC Block 19" type	1	No.		
e)	Installation, testing and commissioning by Manufacturer Authorized Agent / Dealer and handing over complete Voice & Data System to Owner with Providing Training voice data fuke & OTDR Testing, as build drawing, Rack layouts and certification's Principal, complete equipment's Manual and Warranty Documents to Owners representative.	1	Job.		
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