

Item No.	Description of Work	Quantity	Unit	Rate	Amount	Remark
	ELECTRICAL WORKS					
A	Luminaires & Fixtures					
	Supply, installation, testing, and commissioning of following types of LED light fixtures:					
1	9W, 3000/6000K, Deep COB Circular LED Down Light (Make: Legero, Signify, Osram, K-Lite, Ligman, Mayfair, Jaquar, Lumvel, and equivalents), recess/surface mounting type as per drawing specifications and instructions, all complete.	12	nos		-	
2	12W, 3000/6000K, Deep Trim Circular LED Down Light (Make: Legero, Signify, Osram, K-Lite, Ligman, Mayfair, Lumvel, Jaquar, and equivalents), recess/surface mounting type as per drawing specifications and instructions, all complete.	67	nos		-	
3	20/24 W, 6000K LED light fixture of 1ft x 1 ft light fittings, 110 lm/w, Driver: Non-dimmable, Housing: CRCA, surface/recess mounting type including frame, suspension kit, and necessary accessories as per drawing specifications and instructions, all complete. (Make: Legero, Signify, Osram, K-Lite, Ligman, Mayfair, Jaquar, Lumvel, and equivalents)	17	nos.		-	
4	Linear Light, 30/40W, 1200mm Lenght with 50-70mm width, CCT: 6000K, Luminous Efficacy: than or equals to 100lm/w (at 6000K), Diffuser: Opal Diffuser, Shape: Rectangular; Mounting: surface/ recessed/ suspended; Body & Housing: Extruded Aluminum, Finish: Powder Coated, IP 20, Protection Class: II all complete as per drawing, specification and instruction all complete.	64	set		-	
5	Hanging/Pendent Light, suspended type, with provided interior/architectural requirements. (Note: Fixture will be selected by the client)	4	set		-	
6	Track Lights: with any combination (or as per site requirement) of any two luminaries per 1 meter of Spot Lights (7W/9W/12W) and Fixed/Adjustable Gird Spot Downlights, 3000K/4000K/6000K, Drive: Non-Dimmable, P.F.≥0.9, with the cost of Recessed/Hanging/Surface Track with required number of track accessories like Horizontal Jointer, Vertical Jointer, Driver, Connectors/Modules (Jointer, Input, fixer, etc.), LED Track Driver, hanging wires and all other accessories to complete the job as per drawing, specification and instruction all complete. Finish: White/Black Powder Coated, IP20, Protection Class: II as per drawing, specification and instruction all complete.	22	mtr		-	
7	Mirror Light of 2ft/4ft wall mounting type, with the provided interior/architectural requirements. (Note: Fixture will be selected by the client)	8	nos		-	
8	Supplying the materials, fixing and testing of Ceiling Mounted Exhaust fan, having Full metal boy; Air Volume: 150 m3/h; Noise: 36 dB; Static Pressure: 83 Pa, Duct: 100 Dia with Louvers, PVC Ducting including connectors, Damper, Bents, and fittings; regulator as per drawing, specification and instruction all complete. (Make: DCPL, Havells, Orient, Crompton, VENTS, Syska, Usha & Bajaj) Note: Fan shall be selected by the client	2	nos		-	
9	Supplying the materials, fixing and testing of Low loss 50-55W, 3 Blade, 42"/48" ceiling fan (Make: Rathi, DCPL, Havells, Orient, Crompton, VENTS, Syska, Usha & Bajaj) with Rotary Dimmer/regulator of minimum 400W as per drawing, specification and instruction all complete.	19	set		-	
B	NETWORKING SYSTEM					
10	Supply, delivery, installation, commissioning and testing of 12/18U Network Rack (Make:Legrand, Schneider, R&M, Rittal and equivalents.) with Power Distribution Unit, Fan and including keystone based 24/48 Port Patch Panels with labelings of Cables; All Ethernet Cable Shall be Terminated on the Patch Panel as per specification and instruction all complete Racks as per drawing,specification and instruction all complete.	1	set		-	

11	Supply, delivery, installation, and commissioning of AX1800 Wi-Fi 6 dual-band Gigabit ceiling-mount indoor AP, dual Gigabit LAN uplink ports, built-in antennas, dual-band 2.4GHz/5GHz, 802.11ax, 802.11ac wave2/wave1, 2x2 MIMO, PoE-powered, up to 1775Mbps access rate per AP; support AP and routing mode, Layer 3 roaming as per drawing, specification, and instruction all complete. (Make: TP-Link, Ruijie, Ubiquiti, Hsqq and equivalents.)	2	set		-	
C	Surveillance System					
12	Supply, delivery, installation, and commissioning of 4.0 MP Full color Turret/Dome Network Camera, 2.8mm fixed lens with 1/3" Progressive Scan CMOS, Minimum Illumination: Color-0.005 Lux, IR Range 30m, Wide Dynamic Range: WDR, Digital Noise Reduction: 3D DNR, Max. Image Resolution: 2560 x1440 @ 20/25fps with HLC, BLC, Smart Event Detections (Intrusion, Line-Crossing, People & Vehicle Detection), Video compression H.264/265+, and Built-in Microphone. [Make: TP-link, Dahua, UNV, Hikvision and equivalents] [Note: manufacturer's Authorization Letter need before installation with 1 years warranty]	12	nos		-	
13	Supply, delivery, installation, and commissioning of 4.0 MP Full color Bullet Network Camera, 3.6/4mm fixed lens with 1/3" Progressive Scan CMOS, Minimum Illumination: Color-0.005 Lux, IR Range 30m, Wide Dynamic Range: WDR, Digital Noise Reduction: 3D DNR, Max. Image Resolution: 2560 x1440 @ 20/25fps with HLC, BLC, Smart Event Detections (Intrusion, Line-Crossing, People & Vehicle Detection), Video compression H.264/265+, and Built-in Microphone. [Make: TP-link, Dahua, UNV, Hikvision and equivalents.] [Note: manufacturer's Authorization Letter need before installation with 1 years warranty]	6	nos		-	
14	Supply, delivery, installation, and commissioning of 32 Ch NVRs high performances supporting minimum 16-ch @ 1080P (25fps)/8-ch @ 4 MP (30fps) resolution recording, with minimum 1 X 6TB nos of Hard Drive supporting with I/C Band: 320 Mbps, O/G Band: 320 Mbps, Support eSATA 1 X 16 TB, Compression H.256+/H.264, Synchronous Playback: 16 Channel, HDMI and VGA Simultaneous Output and Supports multiple VCA (Video Content Analytics) events. The cost for 1 nos. 6TB Hard Drive shall be included in the cost of the NVR. [Make: TP-Link, Dahua, UNV, Hikvision] [Note: manufacturer's Authorization Letter is needed before installation with 1 years warranty]	1	nos		-	
15	Supply, delivery, installation, and commissioning of Layer 2+ unmanaged POE switch with 16 10/100/1000Base-T PoE, including the required numbers of Patch Cords as per drawing, specification, and instruction all complete.	2	set		-	
16	Supply, deliver, installation, and commissioning of 32" Full HD, LED Monitor (Make: SAMSUNG, LG, SONY, Hikvision, Dauha, MI and Equivalents) with HDMI input along with HDMI switch (for multiple input one output) for CCTV system as per drawing, specification and instruction all complete.	1	nos		-	
17	Supply, delivery, installation, commissioning and testing of LAN KVM over CAT6 switch, 4K as per drawing, specification and instruction all complete.	1	nos		-	
			Total			
			VAT (13%)			
			Grand Total			