

BILL OF QUANTITIES FOR NON SCHEDULE ITEM						
S.No.	DSR ITEM CODE / NSR	DESCRIPTION	UNIT	QTY.	RATE (Rs.)	AMOUNT (Rs.) IN FIGURES
1	NSR	Supplying, installing, connecting, testing & commissioning of 2mm thick weather proof enclosed 40/63 A TPN MCB (10 KA) . This shall include cable entry boxes both for incoming and outgoing cable)	Set	2		
2	NSR	Supplying, installing, connecting, testing & commissioning of 2mm thick weather proof enclosed 32A DP MCB (10 KA) . This shall include cable entry boxes both for incoming and outgoing cable)	Set	2		
	NSR	Supply and fixing of the following sizes of thermoplastic moulded plug and socket IEC 309 type in PVC Box of suitable size flush / surface and making connections complete as required. The box shall be IP 44. /IP 67				
	a	3 pin 16 A 1 phase industrial socket with plug top IP 44	Nos.	2		
	b	3 pin 32 A 1 phase industrial socket with plug top IP 44(For Server Rack)	Nos.	0		
3		CABLE WORK				
3.1	NSR	Supplying of the following sizes of 1.1 KV armoured XLPE / unarmoured Cross linked polyethylene insulated, PVC sheathed (XLPE), conforming to IS: 7098 (Part-1)- 1988 (90 deg C) aluminium /copper conductor cables conforming to IS : 1554 and IS 694 for Flexible copper cable Part I - 1976 with latest amendments				
	a	4 c x 16 sq.mm armoured XLPE insulated Al cable	RM	0		
	b	3 c x 6 sq.mm armoured XLPE insulated copper cable	RM	0		
	c	1c x 10 sq.mm FR PVC insulated flexible copper conductor cables	RM	110		
		Cable Termination				
3.2	NSR	1100 V 3C x 6 sq. mm PVC insulated and PVC sheathed / XLPE Armoured copper conductor Cable	Each	-		
3.2	NSR	1100 V 2C x 16 sq. mm PVC insulated and PVC sheathed / XLPE Armoured copper conductor Cable	Each	-		
3.2	NSR	1 x 10 Sq. mm FR PVC insulated flexible copper conductor cables (Green Colour for UPS DB Sub-main Earthing)	Each	8		
3.4	NSR	Fabricating supplying to site of installation, in 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	28		
	b	100 mm (wide) x 40 mm (height)	RM	82		
3.50	NSR	Fabricating supplying to site of installation, 2 mm thick G.I. sheet 5 sided junction boxes with 3.0 mm thick MS cover including providing rubber gasket between the cover and the junction box, brass screws height as per site condition and totally enclosed, welded. the channel and junction box shall be seam welded together to make it dust and water proof. Proper cutouts shall be made in the side walls for raceway entry.				
	a	200 mm x 200 mm x 50 mm (height)	Nos.	10		
	b	150 mm x 150 mm x 50 mm (height)	Nos.	18		
	c	100 mm x 100 mm x 50 mm (height)	Nos.	26		
4	NSR	S/I/T/C of 24-port loaded, Jack Panel, for UTP Jacks, 1U (For Data) including making connections etc as required.	Each	4		
5	NSR	12 U Networking Rack with accessories for data/Voice (Cisco Make)for EPABX, Networking,and CCTV sysytem.	Nos	1		
6	NSR	Supply and laying of Indoor Copper GigaSPEED XL , non-plenum 1081 XL 4 pair (23 AWG), (UL verified Category 6 , UL listed CMR) Cable meeting or exceeding the Category 6 requirements as in TIA/EIA 568B.2-1, ISO/IEC 11801(2002) and EN50173-1 (2002) for the following parameters : Pr-Pr NEXT, PSNEXT, Insertion loss, PSELFEXT,Return loss, Freq range , Nominal velocity of propagation, Max. DC Resistance, Max. DC Resistance unbalanced, Max. mutual capacitance, operating temperature range and max. pulling tension. in existing conduit/ raceways in ceiling / wall. It shall include ferruling and numbering(8 digit) at both ends and also pentascanning.	RM	3,700		
7		SUPPLYING OF LIGHT FIXTURES				
7.1		Supply & Fixing in position testing and commissioning of the following Lighting fixtures including lamps at site. . Use all Philips Trulite/Osram lumilux plus Eco lamps in Fluorescent lamp fittings. (4000 K) Use Osram CFL lamp - Dulux L Lumilux in all CFL lamp fixtures (4000 K) (Samples of all light fixtures to be submitted to the client for approval prior to procurement of fixtures)				
		All Bulbs/any other consumables should be branded .It should have atleast one year replacement guarantee.				

		All Light Fixture shall be with H.F. electronic ballast (THD less than 10% and P.F. 0.995)				
7.1.1	NSR	RC375B LED28S/865 PSU W60L60 WH 2'X2'	Nos	26		
7.1.2	NSR	Ultraslim Plus 12wt NW Round	Nos	67		
7.1.3	NSR	Suspended channel 32W LED Light fixture as per Philips make or equivalent make.	Nos	42		
7.1.4	NSR	Suspended designer light fixture as per basic rate-Rs-10000 or equivalent make.	Nos	5		
7.1.5	NSR	LED strip as per philips make or equivalent make.	RM	110		
7.1.6	NSR	3 Watts LED Ni Cd Battery backup up to 2 hrs emergency Exit light Bajaj Make BESL 03 LED SSD/ DSD WBB Green. The sample shall be submitted before ordering.	Nos	2		
7.1.7	NSR	Bulkhead Light 1x9 Watt Wipro make cat no WKP 14109	Nos	2		
7.1.8	NSR	Supplying & fixing of 16" dia 1 phase wall mounted fan	Each	2		
7.1.9	NSR	Supplying & fixing of 12" dia 1 phase exhaust fan, 1400 RPM (GEC/Havels make)	Each	5		
8		CCTV SYSTEM				
		Make- Hikvision				
8.1	NSR	Colour Camera with fixed lens 3.6 mm, 2 inch HAD 530 HTV resolution 0.5 lux, 3.4" Dome Type.	Nos	4		
8.2	NSR	4 Channel Digital Video Surveillance System, record rate 100 FPS – record and viewing shall be 25 FPS per Camera, with built in Multiplexer, Video motion detection, smart search with TCP – IP connectivity, recording on real time , high quality (24 hours, 30 days), HDD suitable for 24 hours and 30 days recording, Windows 2007 Professional OS, MPEG 4 plus and other options, Resolution – 640 x 480 pixels, suitable for connecting the CCTV's.	Nos	1		
8.3	NSR	19" TFT Monitor (Make -Samsung / LG / Sony)	Nos	1		
8.4	NSR	SMPS Based Power Supplies	Nos	4		
		TOTAL OF CCTV SYSTEM				-