

<b>Client: National Law School of India University, Bangalore</b>					
<b>Project: Proposed Civil Works at Ground Floor, Yamuna Hostel Block, NLSIU</b>					
<b>Description: Electrical Works BOQ</b>					
<b>Architects: Iris Global</b>					
<b>Sl. No.</b>	<b>Item Description</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
<b>1</b>	<b>MCB Distribution Boards</b>				
	<b>Make: Indo Asian/ Legrand</b>				
	Supply, installation, testing and commissioning of 415 V, 3 phase factory assembled totally enclosed wall mounting MCB Distribution Board with double door construction as per specification complete.				
1.1	4 Way, TPN DB				
	Supply	Nos	RO		
	Installation	Nos	RO		
	Supply Rate in words:				
	Installation Rate in words:				
1.2	8 Way, SPN DB				
	Supply	Nos	1		
	Installation	Nos	1		
	Supply Rate in words:				
	Installation Rate in words:				
1.3	4 Way, SPN DB				
	Supply	Nos	RO		
	Installation	Nos	RO		
	Supply Rate in words:				
	Installation Rate in words:				
<b>2</b>	<b>MCB's/ MCCB's /ELCB's</b>				
	<b>Make: Indo Asian/ Legrand</b>				
2.1	40A 4P MCB				
	Supply	Nos	1		
	Installation	Nos	1		
	Supply Rate in words:				
	Installation Rate in words:				
2.2	32A DB MCB				
	Supply	Nos	4		
	Installation	Nos	4		

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	Supply Rate in words:				
	Installation Rate in words:				
2.3	6/10A SP MCB				
	Supply	Nos	8		
	Installation	Nos	8		
	Supply Rate in words:				
	Installation Rate in words:				
2.4	16/20A SP MCB				
	Supply	Nos	2		
	Installation	Nos	2		
	Supply Rate in words:				
	Installation Rate in words:				
<b>3</b>	<b>Circuit Wiring</b>				
	<b>Make: Havells</b>				
	Supply and laying of Circuit wiring from MCB DB / LT Board to light control switch boxes, switch box to switch box loops, Power points, using 660 V grade flexible PVC insulated FRLS PVC insulated copper wires in already laid 2mm thick PVC conduit.				
3.1	2 Runs of 2.5 sq.mm + 1Run of 1.5 sq.mm Cu wires drawn in already laid Conduit.(For Raw power Lighting circuit)				
	Supply	m	300		
	Installation	m	300		
	Supply Rate in words:				
	Installation Rate in words:				
3.2	2 Runs of 4.0 sq.mm + 1Run of 2.5 sq.mm Cu wires drawn in already laid Conduit.(Raw power circuit)				
	Supply	m	150		
	Installation	m	150		
	Supply Rate in words:				
	Installation Rate in words:				

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3.3	4 Runs of 10.0 sq.mm + 1Run of 6 sq.mm Cu wires drawn in already laid Conduit.( ALL 3-PHASE DBS)				
	Supply	m	RO		
	Installation	m	RO		
	Supply Rate in words:				
	Installation Rate in words:				
<b>4</b>	<b>Point Wiring</b>				
	<b>Make: Havells/Anchor ROMA</b>				
	Supply and Wiring of light / socket / fan points complete with all wiring materials such as 660V grade PVC insulated wires (2 runs, 1.5 Sq.mm for phase and neutral and 2.5 Sq.mm for earthing) drawn in (and including) 2mm thick PVC conduit pipe controlled by 5A piano type switch with accessories. Rate to be considered for Point wiring not exceeding 7.5mts from the control switch & Primary point to Secondary point loop not exceeding 3mts.				
4.1	One Light Point Controlled by One Switch				
	Supply	Nos	54		
	Installation	Nos	54		
	Supply Rate in words:				
	Installation Rate in words:				
4.2	Two Light Points Controlled by One Switch				
	Supply	Nos	6		
	Installation	Nos	6		
	Supply Rate in words:				
	Installation Rate in words:				
4.3	Two way Light Points Controlled by two Switch				
	Supply	Nos	4		
	Installation	Nos	4		
	Supply Rate in words:				
	Installation Rate in words:				

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4.4	One Exhaust fan controlled by 1 No, 6A Decorative switch and socket near the fan				
	Supply	Nos	4		
	Installation	Nos	4		
	Supply Rate in words:				
	Installation Rate in words:				
4.5	Ceiling fan point controlled by 1 No, 6A Decorative switch and Regulator				
	Supply	Nos	12		
	Installation	Nos	12		
	Supply Rate in words:				
	Installation Rate in words:				
<b>5</b>	<b>Power Outlets</b>				
	<b>Make: Anchor ROMA</b>				
	Supply, Installation, Testing and Commissioning of power points by providing following Switches/Sockets mounted flush on to the walls using recessed MS boxes with all wiring accessories.				
5.1	1 No. 6A, 3 pin Socket with safety shutters controlled by One 6A, Single Pole Switch with MS Box. (Independent)				
	Supply	Nos	30		
	Installation	Nos	30		
	Supply Rate in words:				
	Installation Rate in words:				
5.2	3 No. 6A, 3 pin Socket with safety shutters controlled by One 6A, Single Pole Switch with MS Box.				
	Supply	Nos	24		
	Installation	Nos	24		
	Supply Rate in words:				
	Installation Rate in words:				
5.3	1 No. 16A, 3 pin Socket with safety shutters controlled by One 16A, Single Pole Switch with MS Box.				

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	Supply	Nos	3		
	Installation	Nos	3		
	Supply Rate in words:				
	Installation Rate in words:				
<b>6</b>	<b>Empty PVC Conduit Pipe</b>				
	<b>Make: VIP/National</b>				
	Supply and laying of 2 mm thick PVC conduits of following sizes for open / concealed wiring complete with all necessary accessories like bends, collars etc.				
6.1	25 mm Dia, 2 mm thick, PVC conduit				
	Supply	m	250		
	Installation	m	250		
	Supply Rate in words:				
	Installation Rate in words:				
6.2	32 mm Dia, 2 mm thick, PVC conduit				
	Supply	m	150		
	Installation	m	150		
	Supply Rate in words:				
	Installation Rate in words:				
<b>7</b>	<b>Luminaires</b>				
	<b>Make: Havells</b>				
	Supply, installation, testing and commissioning of following type of light fixtures as per drawings and specifications with all other accessories such as supporting rods / frames, anchor fasteners, necessary hardware etc. The rate shall include for fittings along with transformers where required, diffuser, chokes, starter, power factor improvement capacitors, wires, down rods etc., complete with all accessories to complete the installation as required. The rate shall also include the cost of the lamps. The fluorescent lamp shall be the Trulite high efficiency lamps.				

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7.1	1x20W 865 1213mm LHLDCNXNUL8X020 LED POLYCARBONATE TUBE LIGHT T8				
	Supply	Nos	27		
	Installation	Nos	27		
	Supply Rate in words:				
	Installation Rate in words:				
7.2	1x18W ENDURA DLNEOLHEBJNP5PV1W018 Surface Mount/Recess mount LED Fitting (HAVELLS)				
	Supply	Nos	18		
	Installation	Nos	18		
	Supply Rate in words:				
	Installation Rate in words:				
7.3	1 x 20w LHEXASP7PN1W020 LED TUBE LIGHT				
	Supply	Nos	24		
	Installation	Nos	24		
	Supply Rate in words:				
	Installation Rate in words:				
<b>8</b>	<b>Ceiling Fan and Exhaust Fan (Havells)</b>				
	Supply and installation of the following with all necessary accessories, brackets and hardware.				
8.1	48" XP-390 Ceiling fan				
	Supply	Nos	12		
	Installation	Nos	12		
	Supply Rate in words:				
	Installation Rate in words:				
8.2	250 mm Ventilator dia, single phase exhaust fan normal with mounting brackets.				
	Supply	Nos	4		
	Installation	Nos	4		
	Supply Rate in words:				
	Installation Rate in words:				

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<b>9</b>	<b>Earthing</b>				
9.1	Providing, installation, testing and commissioning of G.I Pipe earthing station including excavation, back filling, 40mm G.I pipe of 2.5m long, construction, inspection chamber, chamber cover [C.I], disconnecting link etc., in conformity with IS 3043. The rate shall include the supply and filling of salt and charcoal.				
	Supply	Nos	RO		
	Installation	Nos	RO		
	Supply Rate in words:				
	Installation Rate in words:				
9.2	Providing and laying earthing conductors of G.I / copper strips including necessary accessories. The rate shall include all supports, accessories and hardware necessary for proper installation.				
9.3	25 x 6 mm GI strip				
	Supply	Rm	RO		
	Installation	Rm	RO		
9.4	8 SWG GI wire				
	Supply	Rm	RO		
	Installation	Rm	RO		
	Supply Rate in words:				
	Installation Rate in words:				
	<b>Misc.</b>				
10	PVC 25mm wide casing with cover for laying of electrical wires/network cables (Make: Modi)	Rmt	200		
	Supply Rate in words:				
	Installation Rate in words:				

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<b>Sl. No.</b>	<b>Item Description</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
11	PVC 50mm wide casing with cover for laying of electrical wires/network cables (Make: Modi)	Rmt	100		
	Supply Rate in words:				
	Installation Rate in words:				
12	Providing, Supply and laying of CAT 6 data Cables	Rmt	RO		
	Supply Rate in words:				
	Installation Rate in words:				
	<b>Total for Electrical Works</b>				
	<b>Amount in Words:</b>				