

**SCHEDULE OF QUANTITY**

Nmae of work: Repairing and replacement of defective electrical items in KD-111, ACMS 203 H, ACES Door Darshan, NL-II 101, SL - 208 D and different labs and office in academic area on complaint basis.

| Name of the Contractor | | | | | |
|------------------------|--|-------|------|---------------------------|--------|
| S. No | Description of Items | Qty | Unit | Rate in Figures in Rupees | Amount |
| 1 | Supplying and fixing 20 A, 240 V, SPN Industrial type socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 A "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required. | 2.00 | No. | | |
| 2 | Alteration of internal wiring in existing fitting of any type for retrofiting of tube LED i/c dismantelling & refixing as reqd. | 40.00 | Nos. | | |
| 3 | Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required. | | | | |
| a | 3 Module | 11.00 | No. | | |
| b | 4 Module | 2.00 | No. | | |
| c | 6 Module | 9.00 | No. | | |
| d | 12 Module | 5.00 | No. | | |
| e | 8 Module | 1.00 | No. | | |
| 4 | Dismantling and refixing of M.S./PVC box of up to 250 x 300 x100 on surface recessed as required. including painting with enamel paint as reqd | 5.00 | Nos. | | |
| 5 | Dismantling and refixing of MCCB upto 630 Amp rating as required complete. | 1.00 | Nos. | | |
| 6 | Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) | | | | |

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| a | 8 way , Double door | 1.00 | No. | | |
| 7 | Dismantling, disconnecting old damaged unserviceable fl fitting/ exhaust fan/ ceiling fan/ bulkhead fitting with bracket etc. as reqd. and depositing in sectional store. | 92.00 | Nos. | | |
| 8 | Dismantling the old conduit pipe/wood batten of all sizes from surface/recessed & making good the damages I/c filling the holes of the surface etc as reqd.and depositing it in sectional store. | 7.00 | Meter | | |
| 9 | Supply and fixing of 32 x 20 mm DLP mini- trunking white-system with independent cover etc. as required | 55.00 | Meter | | |
| 10 | Supply, Installation testing and commissioning of following seep, copper wound, 900 RPM, 220 volt AC, 50 Hz exhaust fan in the existing opening etc as required complete. | | | | |
| a | 450 mm / 18" sweep | 2.00 | Nos. | | |
| b | 600 mm / 24" sweep | 1.00 | Nos. | | |
| 11 | Repairing , cleaning, testing & commissioning box /industrial type /decorative type fitting I/c replacement of all parts if reqd. | 1.00 | Nos. | | |
| 12 | Fixing of exhaust fan shutter/ louvers up to 24" fan i/c providing and grouting rag bolts with washer as required. | 3.00 | Nos. | | |
| 13 | Fixing of RJ-45 modular box with cover plate or I/o box for internet on surface/ recessed cutting the wall making good the same as required. (box and cover plate will be supplied by dept.) | 1.00 | Nos. | | |
| 14 | Supplying & fixing 3mm (1/8") thick phenolic laminated sheet on existing board with screw & washer etc. as required. | 260.00 | Sq.cm. | | |
| 15 | Supply and fixing of following LED light fixture with Electronic driver, LED lamp, reflector, diffuser, MS body/housing holder etc. complete with all fixing accessories and lamp as required complete. | | | | |
| a | 1 X 20W LED tube with fitting | 2.00 | Nos. | | |
| b | 2 X 20W LED tube with fitting | 1.00 | Nos. | | |
| c | 12 watt recess mounting LED light fixture | 12.00 | Nos. | | |

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| d | 12 watt surface mounting LED light fixture | 35.00 | Nos. | | |
| e | 18 watt recess 300 x 300 mm mounting LED light fixture | 6.00 | Nos. | | |
| f | 36 watt recess mounting LED light fixture 600 x 600 mm | 28.00 | Nos. | | |
| 16 | Supply, installation, testing and commissioning of following LED lamp in existing fitting as required complete. | | | | |
| a | 20 watt ESENTIAL PHILIPS or equivalent Tube inplace of 36/40 W FL tube | 66.00 | Nos. | | |
| b | 18 watt. LED PLL lamp | 12.00 | Nos. | | |
| 17 | Locating fault in wiring rectifying removing & restoring supply the same & making good the damages etc as reqd. | 5.00 | Nos. | | |
| 18 | S&F, Copper tube / reducer/ lug terminals suitable for following size of conductor. | | | | |
| a | 6 /10/16 Sq.mm. | 8.00 | Nos. | | |
| 19 | Supplying and fixing following rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. | | | | |
| a | Single pole 5 A to 32 A | 1.00 | No. | | |
| b | Triple pole and neutral 5 A to 32 A | 1.00 | No. | | |
| c | Double Pole (40A-63A) | 3.00 | Nos. | | |
| 20 | S & F metal enclosure suitable for DP/TPN MCB / DP ELCB on surface or recessed etc as reqd. | 3.00 | Nos. | | |
| 21 | Supplying and fixing following size/ modules, plastic box for modular switches in recess etc as required. | | | | |
| a | 1 or 2 Module | 1.00 | Nos. | | |
| b | 3 Module | 8.00 | Nos. | | |
| c | 6 Module | 8.00 | Nos. | | |
| d | 12 Module | 3.00 | Nos. | | |

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| 22 | Supply fixing connecting & commissioning of following rating ISI marked 3 pin Plug top Anchor make as reqd | | | | |
| a | 5 Amp | 2.00 | Nos. | | |
| b | 15 Amp | 4.00 | Nos. | | |
| 23 | Supply and Fixing, 20 Amp. Plug top for 2P+E industrial socket and top assembly as required complete. | 1.00 | Nos. | | |
| 24 | S & F following size of PVC flexible pipe alongwith the accessories on surface etc as required. | | | | |
| a | 20 mm | 6.00 | Meter | | |
| b | 25 mm | 5.00 | Meter | | |
| 25 | Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required. | | | | |
| a | Fan regulator socket type | 1.00 | Nos. | | |
| 26 | Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required. | 9.00 | No. | | |
| 27 | Supply and drawing PVC insulated 4 core round copper conductor cable of following size for connection of equipments / exhaust fan & other work as reqd. | | | | |
| a | 4.00 sq. mm | 15.00 | Meter | | |
| 28 | Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required. | | | | |
| a | 5/6 amps switch | 1.00 | No. | | |
| b | 15/16 A switch | 1.00 | No. | | |
| c | 3 pin 5/6 A socket outlet | 1.00 | No. | | |
| 29 | Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. | | | | |

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| a | 5/6 A switch | 55.00 | No. | | |
| b | 15/16 A switch | 20.00 | No. | | |
| c | 3 pin 5/6 A socket outlet | 19.00 | No. | | |
| d | 6 pin 15/16 A socket outlet | 19.00 | No. | | |
| 30 | Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required. | | | | |
| a | 1 x 1.5 sq. mm | 34.00 | Metre | | |
| b | 3 x 1.5 sq. mm | 50.00 | Metre | | |
| c | 3 x 2.5 sq. mm | 75.00 | Metre | | |
| d | 3 x 4 sq. mm | 20.00 | Metre | | |
| 31 | Supply and installation of 400mm sweep AC 230/250 volts, 50 Hz wall mounting revolving fan with brackets etc complete. | 1.00 | Nos. | | |
| | Total Rs. | | | | |