- Suitable single pole and heavy-duty switches shall be installed where indicated on the plans. Sample of wiring devices shall be presented for approval. Minor relocations and re-circuiting shall be the liability of the Contractor.
- Following features shall be followed: one gang, one way switch, 2 gang, one way switch, 3 gang, one way switch, one gang three way switch, two gang three way switch, three gang three way switch, duplex flush type convenience outlet universal grounding type and GFCI as indicated on the plan.

16410 Enclosed switches and Circuit Breakers

Circuit breakers, Panel Boards and Accessories

Academic Building PB1 Mains @ 100 AT, 3P, 250 Volts 18KAIC MCCB with 9 branch circuits @ 2-15AT, 3 pole, 230 volts, 1-20AT, 3 pole, 230 volts, 2-20AT, 2 pole, 230 volts, 4-30AT, 2 pole, 230 volts(converted to 3-phase) Bolt-on type in semi flush standard enclosure, powder coated finished panel lock.

Academic Building PB2 Mains @ 70 AT, 3P, 250 Volts 18KAIC MCCB with 5 branch circuits @ 3-15AT, 3 pole, 230 volts, 2-20AT, 2 pole, 230 volts (converted to 3-phase) Bolt-on type in semi flush standard enclosure, powder coated finished panel lock.

DP ACADEMIC BLDG. Mains @ 500 AT, 3P, 250 Volts 35KAIC MCCB with 9 branch circuits @ 1-100AT, 3 pole, 230 volts, 2-70AT, 3 pole, 230 volts, 2-125AT, 3 pole, 230 volts, 3-40AT, 3 pole, 230 volts(converted to 3-phase) Bolt-on type in semi flush standard enclosure, powder coated finished panel lock.

Dormitory Second Floor 1 Mains @ 75AT, 3P, 250 Vots 18KAIC MCCB with 14 branch circuits @ 3-20AT, 3 pole, 230 Volts, 7-20AT, 2 pole, 230 Volts, 4-30AT, 2 pole 230 Volts (Converted to 3-phase) Bolt-on type in semi flush standard enclosure, powder coated finished with panel lock.

Dormitory Second Floor 2 Mains @ 75AT, 3P, 250 Vots 18KAIC MCCB with 14 branch circuits @ 3-20AT, 3 pole, 230 Volts, 7-20AT, 2 pole, 230 Volts, 4-30AT, 2 pole 230 Volts (Converted to 3-phase) Bolt-on type in semi flush standard enclosure, powder coated finished with panel lock.

DP Dormitory Mains @ 150AT, 3P, 250 Volts 22KAIC MCCB with 3 branch circuits @ 3-75AT, 3 pole, 230 volts Bolt-on type in semi flush standard enclosure, powder coated with panel lock.

Gymnasium Mains @ 30AT, 3P, 250 Volts 18KAIC MCCB with 5 branch circuits @ 3-20AT, 3 pole, 230 volts, 2-20AT, 3 pole, 230 Volts (Converted to 3-phase) Bolt-on type in semi flush standard enclosure, powder coated finished with panel lock.

DP Gymnasium Mains @ 350AT, 3P, 250 Volts 35KAIC MCCB with 3 branch circuits @ 1-30AT, 3 pole, 230 Volts, 1-350AT, 3 pole, 230 volts, 1-75AT, 3 pole, 230 volts, Bolt-on type in semi flush standard enclosure, powder coated finished with panel lock.

16500 Lighting Fixtures

- Surface Panel Light 6 watts
- 12" x 48" Flourescent Lamp Fixture (submit sample for approval)
- Emergency Light

NOTE

The foregoing list of item of works does not in anyway limit the responsibility of the Contractor to perform all other works necessary for the completion of the project, **PROPOSED CONSTRUCTION OF POWER HOUSE AND SUPPLY AND INSTALLATION OF GENERATOR SET.**

GUARANTEE

The Contractor shall guarantee all works under this contract to be free from any technical, material, workmanship and/or factory defects and shall replace and repair to the satisfaction of the Project Architect / Engineer and/or to the Chief of CPDMO on any part or portion of the work which may fail within **a period of one (1) year after the final acceptance of the system.**

COMPLETION PERIOD

The Contractor is given **One Hundred Twenty (120) calendar days** to execute the construction of power house, including indent period, installation of generator set and other electrical component such as panel boards, & power cabling installation due to conversion of single phase to 3 phase system. The Contractor shall coordinate to the CPDMO Inspector and End-users for the schedule of testing of systems and other related job.

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