Installing 3-Phase Transformer and Panel

**Location:**

**Scope of Work:**

To furnish all labor, materials, tools, equipment, and supplies necessary to install one 3-Phase Transformer and Panel

**Requirements:**

1. Install one new 100-amp, 120/240-volt, three-phase, fusible disconnect switch, tapped off at the existing 480-volt junction box.
2. Install one new 75KVA, 480-volt, primary to 120/208-volt, secondary 3-phase transformer, on a 6" tall aluminum rack in the maintenance hallway.
3. Install one new 200-amp, 120/208-volt, 3-phase, fusible disconnect switch in the maintenance hallway to feed across the existing classroom to room 300.
4. Install one new 200-amp, 120/208-volt, 3-phase, main lug only, Nema 1 panel board behind the entrance door.
5. Install all conduit, fittings, wire, and junction boxes to connect all equipment mentioned above.
6. Install grounding for transformer.
7. All work shall be in accordance with all Federal, State local and NEC codes.
8. The Contractor is responsible for the disposal of all trash. No dumpster will be provided.