**General Notes:**

- All materials shall be contained in a secure manner to prevent unauthorized access.
- All work shall be completed in a manner consistent with all applicable codes and standards.
- All work shall be performed in a safe manner, and all contractors shall comply with all applicable safety regulations.
- All work shall be inspected and approved by the owner's representative before final acceptance.
- All work shall be completed in accordance with the project specifications.

**Cable Requirements:**

- All medium voltage cable (above 5kV) shall be field tested after acceptance testing and panel designation.
- Distribution feeders shall be field tested consisting of 1000V and 600V cable used for power installation and before being placed in service. Field testing shall include all medium voltage cable (above 5kV) field testing after acceptance testing and panel designation.
- The contractor shall supply and install PVC sleeves of the required size and length. Sleeves shall extend a minimum of 1" beyond the end of the cable.
- Where a ground conductor passes through floors, slabs, walls, etc., the contractor shall supply and install PVC sleeves of the required size and length. Sleeves shall extend a minimum of 1" beyond the end of the cable.
- Buried conduit shall be backfilled with 1500PSI red concrete.
- All failed cables shall be totally replaced with no indication circuits.
- The contractor shall be responsible to locate and deliver all required materials.
- Finish substation yard as detailed and as per Barrick standards.
- Nameplates and tags shall be provided as per the project drawings.

**Grounding Conductor Requirements:**

- The grounding conductor on equipment and structures shall be in accordance with the project specifications.
- All bolts, nuts, washers, lock washers, and Belleville washers on connectors or approved compression clamps.
- All connections made with aluminum cable shall be brushed with a stainless steel brush to dislodge oxides.
- All surfaces of all connections made with aluminum cable shall be cleaned of all contaminants.
- The grounding conductor on equipment and structures shall be in accordance with the project specifications.
- The contractor shall be responsible to locate and deliver all required materials.
- Finish substation yard as detailed and as per Barrick standards.
- Nameplates and tags shall be provided as per the project drawings.

**Other Requirements:**

- The project drawings shall be issued for bid and referenced drawings dated 7-10-2013.
- The contractor shall be responsible to locate and deliver all required materials.
- Finish substation yard as detailed and as per Barrick standards.
- Nameplates and tags shall be provided as per the project drawings.

**References:**

- The wordings:
  - Perimeter fencing at a maximum spacing of 50ft. Sign shall carry the wording: "section number of the project".
  - The wording: "the project drawing number of the project".
  - Barrier tape at all times. Final backfill shall match surrounding composites.
  - Energy of parts (i.e., bus support clamps on insulators, connectors, etc.).
  - All bolts, nuts, washers, lock washers, and Belleville washers on connectors, or approved compression clamp.
- 4/0 copper, attach to 4/0 copper ground grid with CadWeld Compound after the connection is made.
- All particles shall have a minimum of three fractured faces.
- No. 200: 0%.
- No. 4: 0% to 5%.
- 3/4": 0% to 25%.
- 1-1/2": 100%.

**Materials:**

- **U.S. Standard Sieve Size**
  - 30 mesh: 0%.
  - 20 mesh: 0%.
  - 14 mesh: 0%.
  - 8 mesh: 0%.
  - 4 mesh: 0%.
  - 3/4": 0%.
  - 1-1/2": 100%.

**Notes:**

- The project drawings shall be issued for bid and referenced drawings dated 7-10-2013.
- The contractor shall be responsible to locate and deliver all required materials.
- Finish substation yard as detailed and as per Barrick standards.
- Nameplates and tags shall be provided as per the project drawings.