

### **Electrical Service Upgrade - Scope of Work (TYP)**

Electrical installation of new 800A 1PH 120/240V Service at each building, consisting of the following:

- 1 Remove existing obsolete meter centers, main, house panel, load gutter, etc. from existing Undersized electrical room.
- 2 Chip out existing slab as required for later extension of existing feeders to each unit, up to New Electrical Service location.
- 3 Furnish and install new Free Standing Support Rack for new equipment (aprox. 5'-10' across from ER Door)
- 4 Furnish and install new 800A 1PH 120/240V Outdoors Rated Main (for meter centers)
- 5 Furnish and instal new meter centers, as required for as many units are at each building plus house panel load.
- 6 Provide Directional Underground Boring from existing FPL Tansformer up to new Service location w/ 800A Rated Feeders.
- 7 Install new Load Gutter inside electrical room for unit feeder's extensions. Backfill area upon completion.
- 8 Run new conduits & extend Unit feeders from Gutter inside ER up to new service location.
- 9 Provide all required feeders terminations at new service & Gutter.
- 10 Provide new House Panel & Breakers instalation.

#### **Notes:**

Concrete pouring & resurfacing inside ER not included; to be provided by others.

No F/A Work is included.

### **Interior Electrical Panels Replacement - Scope of Work (TYP)**

Upgrade existing obsolete loadcenters & breakers inside each unit to include the following:

- 1 Remove existing obsolete loadcenter & breakers inside each unit.
- 2 Provide instalation of new 20 space electrical panel (loadcenter)
- 3 Provide installation of new breakers to accommodate 'existing' loads
- 4 Provide instalation of new plug-in type Surge Suppressor in panel, as per NEC requirements
- 5 Provide wiring terminations & label panel

#### **Notes:**

Existing drywall patching & painting not included; to be provided by others.

### **GFCI Installation - Scope of Work (TYP)**

Furnish and install total of (4) GFCI receptacles, as per NEC requirements, at the following locations in each unit:

- 1 (2) GFCI's in kitchen area
- 2 (1) GFCI in Bathroom
- 3 (1) GFCI in Balcony

Notes: Additional GFCI's installation, if required, shall be extra at a per unit cost of \$125.00 ea.

### **Smoke Detectors Installation - Scope of Work (TYP)**

Furnish and install total of (3) 10 Year Battery Only Smoke Detectors, as per NEC requirements, at the following locations in each unit:

- 1 (2) Smoke Detector inside each Bedroom (max. of 2 br)
- 2 (1) Smoke Detector in Common area between bedrooms

Notes: Additional Smoke Detectors, if required, shall be extra at a per unit cost of \$125.00 ea.

### **Roof A/C Disconnects Replacement & Rewire - Scope of Work (TYP)**

Replace all Roof Disconnects for A/C Compressor Units at each building, to include:

- 1 Removal of all disconnects, flexible whips for conections, damaged wires & J. Boxes if any.
- 2 Provide & Install new Outdoors Rated Disconnects for all existing Units.
- 3 Provide new non metallic whip connections and required boxes.
- 4 Provide new wiring as needed to replace exiting damaged ones.
- 5 Provide all required support for new electrical equipment.
- 6 Provide all wiring terminations.

#### **Notes:**

Roof repair work of any kind (other than eectrical), if required, to be provided by others.

### **Plans & Engineering**

Provide signed & sealed electrical plans for submittal to City during permitting process.

### **Permit Fees**

Allowance of 3.5% of the work for Miami-Dade County Permits

### **Expediter Fees**

Flat Fee Clerigal Fee for Permit Runner