

**SECTION 26 00 00.00
ELECTRICAL**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Electrical Equipment/Components for Spray Shower, Hose Bibb and Drinking Fountains and other Electrical Components.

1.02 GENERAL

- A. The Contractor shall furnish all labor, materials, equipment, and perform all necessary operations relative to installing the electrical components and related equipment, including all hardware, fasteners, hangers, fittings, conduits/wiring, accessories and finishes in accordance with the drawings and specifications. The installation shall be in accordance with the manufacturer's instructions. The installation shall be accomplished by skilled work personnel and all work shall be monitored by the Housing Authority Inspector. All electrical installations (as needed) for this work shall be performed under the supervision of a Licensed Electrician.
- B. The Contractor and Electrical Subcontractor shall follow and file all required permits and procedures for their respective construction, installations and electrical hook ups. All work shall be performed in accordance with the most current applicable New York City Codes and must be appropriately inspected. The Contractor shall be held completely responsible that all work is in compliance.

1.03 ADMINISTRATIVE REQUIREMENTS

- A. Sequencing: Ensure that utility connections are achieved in an orderly and expeditious manner.

1.04 SUBMITTALS

- A. See Division I - Administrative Requirements, for submittal procedures.
- B. Manufacturer's Warranty, not less than 1 year.

1.05 RELATED SECTIONS

- A. Section 13 16 60 – Exterior Spray Shower
- B. Section 22 10 66 – Hose Bibb
- C. Section 22 44 00 – Drinking Fountains (Exterior)

PART 2 PRODUCTS

2.01 ELECTRICAL COMPONENTS/EQUIPMENT

- A. Timer (electromechanical time switch with 24 hour dial) shall be Catalog No. 1101 (1100 Series) as manufactured by: Tork Electromechanical Controls, a division of NSI Industries, Telephone 877.268.3700 or equal. The timer shall be located in the building in an area indicated on the Drawings.
- B. The Contractor shall furnish and install conduits/wiring as required. If sizes are not indicated or mentioned, conduits/wiring shall be sized as per New York City Electrical Code.

2.02 WARRANTY

- A. Manufacturer's Warranty shall be not less than 1 year.

PART 3 EXECUTION

3.01 INSTALLATION

- A. All electrical components/equipment shall be installed as per manufacturer's recommendations.
- B. The Contractor shall furnish and install everything required for the complete installation of the electrical components. All installations shall be in accordance with the rules and regulations of all governing authorities. At the completion of work, all parts of the installation shall be thoroughly cleaned. All equipment, hardware and fittings shall be clean of dirt, fingerprints, paint, or other foreign material and grease.
- C. All electrical components/equipment shall be installed in accordance with the manufacturer's specifications. The Contractor shall use extreme care when installing the electrical components. Protective wrapping shall be left intact throughout installation and be removed upon completion. They shall be installed in accurate location, square, centered, plumb and at elevation required relative to finished grades.
- D. Verify that conditions are satisfactory for installation prior to starting work.
 - 1. Conduit shall be installed on the surface of the masonry ceilings or walls and fastened thereto with one hole, steel straps, expansion shield anchors 10-24 round head machine screws or 3/16" toggle bolts or other means approved by the Authority. Conduit shall be installed parallel or perpendicular to adjacent walls. Vertical runs shall be plumbed. All bends are to be of equal radius throughout and be free of kinks and flattening. Offsets and saddles shall not exceed 7". Conduit shall be bent to conform to the surface upon which it is fastened. Fastening supports shall not be used to spring conduit to contour of surfaces.

END OF SECTION 26 00 00-USER-ELECTRICAL 26 00 00.00