

SECTION 280500 – COMMON WORK RESULTS FOR ELECTRONIC SAFETY AND SECURITY

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.
- B. This section shall apply to all Division 28 sections.
- C. Refer to Section 087100 for hardware on doors with card access controls.

1.2 SUMMARY

- A. Work Included
 - 1. The work shall be executed in conformity with the drawings, the approved shop drawings, and these specifications.
 - 2. In general, this work shall consist of, but not necessarily be limited to the following:
 - 3. Demolition
 - 4. New Work
- B. Work Not Included
- C. The Contractor shall refer to Alternates listed in Division 01 and Proposals and shall submit price quotations for the alternates that apply to the electrical work.

1.3 SUBMITTALS

- A. Shop Drawings and Samples
 - 1. The Contractor shall submit shop drawings for all major equipment including, but not limited to the following items and/or the items listed in Division 28 sections.
 - 2. Quantity of shop drawings and information to be included shall be as specified in Division 01 - General Requirements.
- B. As-Built Drawings
 - 1. Quantity of shop drawings and information to be included shall be as specified in Division 01 - General Requirements.

2. The Contractor shall submit as-built drawings indicating the location of all outlets, junction boxes, and conduit runs; including conduit size, circuit numbers, and number of wires in each run.

1.4 QUALITY ASSURANCE

A. Codes and Regulations

1. See Division 01 General Requirements for Codes and Regulations that apply.
2. The latest National Electrical Code shall be observed and shall govern the character of work, style, quantity and the size of all material used.
3. All materials shall conform with the standards of the Underwriter's Laboratories in every case where such standards have been established for the particular type of material in question.
4. All material and equipment shall be UL listed and bear the UL label where such listing and labeling exists.
5. The complete electrical installation shall comply with all the requirements of the M.I.O.S.H.A.
6. Codes shall be used as minimum requirements, and where the Specifications or Plans call for an installation that exceeds and does not violate the Code requirements, the Specifications and Plans shall be followed.

B. Character of Work

1. The installation shall be executed in a workmanlike manner and shall present a neat mechanical appearance when completed.

C. Permits and Inspections

1. The Electrical Contractor shall obtain and pay for all permits required by the State of Michigan Labor Department, Electrical Division.
2. The Electrical Contractor shall submit, to precede request for final payment, a copy of the Certificate of Electrical Inspection as required by the State of Michigan.

1.5 GUARANTEE

- A. Refer to Division 01 - General Requirements.
- B. Refer to individual Division 26 sections for any additional guarantee requirements.

PART 2 - PRODUCTS

2.1 GENERAL

- A. Refer to individual Division 26 sections for product specifications.
- B. Material to be Returned to the Owner
 - 1. Refer to Division 01 - General Requirements.

PART 3 - EXECUTION

3.1 GENERAL

- A. Refer to Division 01 - General Requirements for items such as examination of premises, coordination with other trades, cutting and patching, connection to present equipment, etc.
- B. Equipment Supports
 - 1. Enclosures for communications equipment, and other similar equipment shall be mounted on ½" spacers when mounted in a room on a below grade exterior wall.

END OF SECTION 280500