

DIVISION 16 ELECTRICAL

16500 LIGHTING

Part 1 – General

1.1 WORK

- A. Provide and install all interior and exterior lighting fixtures and lamps as listed in the **Scope** and as specified herein.

1.2 QUALITY STANDARDS

- A. Provide licensed, experienced, well-trained workers competent to complete the work as specified.
B. Unless approved by the **Inspector**, provide all related products and accessories from one manufacturer.
C. All work shall comply with manufacturer's instructions and the Wisconsin Electrical Code, Chapter Comm 16.

1.3 SUBMITTALS

- A. Submit a copy of the electrical permit from the City of Milwaukee to the **Agency** prior to starting any electrical work.
B. Provide manufacturer's specifications and other data to prove compliance with these **Specifications**.
C. Submit a list of materials to be provided for this work.
D. At the completion of this work, provide copies of manufacturer's installation, maintenance, and any warranty information to **Owner**.
E. Owner Selection Sheet:
 - Do not start work until **Owner** has approved product/style/color selections of lighting fixtures in writing (See Appendix A).
 - Provide **Agency** with a completed and signed Owner Selection Sheet.

1.4 PRECONSTRUCTION AND PREPARATION

- A. Examine and verify that job conditions are satisfactory for speedy and acceptable work.
 - Maintain an up-to-date copy of the **Scope** on site.
 - Confirm that there is no conflict between this work and the work of other trades.
 - Confirm that the work of other trades that must precede this work has been completed.

PART 2 – MATERIALS

2.1 GENERAL

- A. All materials must be new and of the type and quality specified. Materials must be delivered in labeled, unopened containers.
 - All electrical products must bear the Underwriters Laboratory label.
 - Reject and return any products or materials delivered in a damaged or unsatisfactory condition.

B. Store materials indoors, protected from damage, dirt, moisture, contaminants, and weather.
C. Provide and install all required accessories for mounting and operation of each fixture.
D. Provide new light bulbs for all fixtures repaired or installed by the **Contractor**.

PART 3 – CONSTRUCTION AND INSTALLATION

3.1 INSTALLATION

- A. Install products as per the **Scope**, state electrical code and these **Specifications**.
 - Straps and other support construction for electrical equipment must be as required by building code.

B. Upon completion, secure all required inspections and approvals of the completed system. Make all required adjustments and corrections at no added cost.

C. Provide for warranty of this work for one year following final permit approval by the **Inspector**.

3.2 REPAIR AND CLEANUP

- A. After installation, inspect all work for improper installation or damage.
- B. Operating fixtures must perform smoothly. Repair or replace any defective work as directed by the **Inspector** at the **Contractor's** expense. Repair work shall be undetectable.
- C. Clean the work area and remove all scrap and excess material from the site.

END OF SECTION – 16500 LIGHTING