

## Section 10999

### Miscellaneous Specialties

#### PART 1 GENERAL

##### 1.01 Section Includes

- A. Tower Clock Components and Remote Control System.
- B. Related Sections

**Basic Materials and Methods: All raceways, junction boxes, and conduit wire to be provided by electrical contractor.**

#### PART 2 PRODUCTS

##### 2.01 CLOCK

- A. Furnish complete clock system consisting of **(n)** tower clock with (1) remote control system.  
  
“n” is the quantity of clocks required
- B. Manufacturer: Electric Time Company, Inc., 97 West Street, Medfield, MA, USA 1-(508) 359-4396/800-531-2562 FAX 1-(508) 359-4482 - <http://www.electrictime.com> - [salese@electrictime.com](mailto:salese@electrictime.com).
- C. Tower Clock Components
  - Finishes: Dial markings and clock hands to be made of aluminum with a polyurethane painted finish, color to be specified from manufacturer’s standards.
  - Hands: As shown on architectural drawing, to be halo lit with white LED’s.
  - Dial Markings: As shown on architectural drawing, to be halo-lit with white LED’s.
  - Movement: Style MI Design. 24VAC drive motor and electronics. 8 second maximum run time. Alternating hall effect switched closed loop minute impulse operation. Composite lubrication free bearings.
  - Slip ring and brush assembly to bring power to clock hands.

● Page 2

- Single source: Clock, movement and controller to be manufactured by the same company.
- LED drivers to be located behind the wall.
- Style: WP-1000-MI-I Design, outer diameter as shown on architectural drawings, rear access, LED halo lit hands and markers.

**D. Provide Type 99B-MI automatic reset control;**

- IP65 Enclosure – Indoor & Outdoor Use
- Automatically resets clock after power failures.
- Automatically resets clocks for daylight savings time
- Precision Quartz Time base 4 minutes per year maximum drift
- Built in 100 year daylight savings time calendar.
- 2 Line 16 character backlighted LCD display.
- ETL listed to UL 863.
- Power Failure Event logging.
- Standard MI output – 4 clocks maximum standard
- Standard 24VDC RP output -20 clocks maximum
- Sweep Second hand output
- Hour Strike Capability.
- RS-232 and RS-485 output ports
- 24 VAC hour strike output – configurable pulse output

**PART 3 EXECUTION**

3.01 Installation

- A. Inspect substrates, supporting items and related conditions, to ensure that they are ready to receive each item, prior to commencement of installation.
- B. Install each item at locations indicated on drawings, as detailed, and in accordance with manufacturers' instructions.