SECTION 16535
EMERGENCY LIGHTING EQUIPMENT

PART 1   GENERAL

1.1 WORK INCLUDED:
A. Emergency lighting units.
B. Emergency LED exit signs.
C. Emergency fluorescent lamp power supplies.

1.2 REFERENCES
A. FS W-L-305 - Light Set, General Illumination (Emergency or Auxiliary)
B. NFPA 101 - Code for Safety to Life from Fire in Buildings and Structures
C. NEMA WD1 - General-Purpose Wiring Devices.

1.3 SUBMITTALS
A. Submit product data under provisions of Section 01300.
B. Provide product data on emergency lighting units, exit signs, and emergency fluorescent lamp power supply units.

PART 2   PRODUCTS

2.1 INCANDESCENT EMERGENCY LIGHTING UNITS
A. Emergency Lighting Unit: Self-contained unit with rechargeable storage batteries, charger, and lamps.
B. Battery: 6 volt, nickel-cadmium type, with 1.5-hour capacity to supply the connected lamp load.
C. Charger: Dual-rate charger, capable of maintaining the battery in a full-charge state during normal conditions, and capable of recharging discharged battery to full charged within 12 hours.
D. Lamps: 8-Watt minimum, sealed beam type PAR 36.
E. Remote Lamps: Match lamps on unit.
F. Unit Housing: Steel with bronze hammer tone finish.
G. Indicators: Provide lamps to indicate AC ON and RECHARGING.
H. Provide switch to transfer unit from normal supply to battery supply.
I. Electrical Connection: Knockout for conduit connection.

2.2 SELF-CONTAINED EMERGENCY POWER LED EXIT SIGNS
A. Type: Exit signs with integral battery-operated emergency power supply, including power failure relay, test switch, AC ON pilot light, battery, and fully-automatic two-rate charger.
B. Battery: Sealed lead acid or lead calcium cell, requiring no maintenance or replacement for 10 years under normal conditions.

PART 3   EXECUTION

3.1 INSTALLATION
A. Install units plumb and level.
B. Aim directional lamp heads as directed.

END OF SECTION