SECTION 26 33 00 - BATTERY EQUIPMENT (INVERTER)

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes emergency power supplies and accessories.

1.2 SUBMITTALS

A. Product Data: Submit catalog and data sheets showing electrical characteristics and connection requirements. Include unit ratings, dimensions, and finishes. Include performance data for batteries.

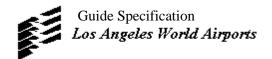
1.2 WARRANTY

A. Furnish five year manufacturer warranty for batteries.

PART 2 - PRODUCTS

2.1 EMERGENCY POWER SUPPLY

- A. Manufacturers:
 - 1. Lithonia.
 - 2. Chloride.
 - 3. Dual Lite.
- B. Product Description: NFPA 111 Type A, Class 1.5 stored emergency power supply system designed for Level 1 applications and consisting of rectifier/charger unit, storage battery, and solid state inverter with static transfer switch, in one or several enclosures, unit suitable for operating HID lamps without extinguishing lamp on transfer.
- C. Input Voltage: As indicated on Drawings.
- D. Output Power: As indicated on Drawings.
- E. Output Voltage: As indicated on Drawings.
- F. Inverter Output Frequency: 60 Hz plus 1 percent.
- G. Efficiency: 90 percent minimum.
- H. Maximum Recharge Time: 12 hours following 1.5 hour discharge.
- I. Total Harmonic Distortion: Less than 10 percent at full resistive load.



- J. Battery: Nickel cadmium sealed type battery.
- K. Charger: Dual rate, designed to maintain battery in full-charge condition during normal conditions.
- L. Furnish remote trouble monitor in enclosure with manufacturer's standard finish.
- M. Accessories: Provisions for remote battery alarm.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Install units plumb and level.

3.2 DEMONSTRATION AND TRAINING

A. Engage a factory –authorized service representative to train LAWA maintenance personnel to adjust, operate and maintain the units.

END OF SECTION 26 33 00