

Escambia County Public Safety, Communications Division is soliciting quotes for:

Equipment or Service:

Material and labor to replace batteries and capacitors in (2) Liebert UPS

Location(s):

- Escambia County Public Safety
6575 North W Street, Pensacola FL 32505

Selected Vendor Requirements:

The successful vendor must be certified to conduct work on Liebert UPS/Power/Battery modules. All bidders must submit documentation of Liebert Certification with submitted quote.

- Provide and replace batteries and capacitors in (2) Liebert UPS
- Provide two line items in quote separating batteries and capacitors
- **Batteries shall be manufactured by: EnerSys, C & D, or CSB.**
- **Shipment of all parts and batteries will be the responsibility of the vendor and shall include inside delivery only terms.**
- Capacitors shall be certified by Liebert
- On-site lead technician shall be certified by Liebert
- Measure and record the total battery float voltage and charging current.
- Measure and record the overall AC ripple voltage.
- Verify the integrity of the battery rack/cabinet.
- Measure and record 100% of the jar temperatures.
- Measure and record the float voltage of all jars.
- Measure and record all internal ohmic readings.
- Re-tighten all connections to the battery manufacturer's specifications
- Measure and record all battery connection resistances in micro-ohms, when applicable.
- Check for corrosion on all terminals and cables.
- Apply NO-OX grease or oil on all connections (as applicable).
- Measure and record DC bus ripple voltage (if applicable).
- Perform additional checks as consistent with customary commercial

practice.

- Review system performance with customer
- All work shall be completed according to the manufacturer's instructions, specifications, and/or standard trade practices.
- Vendor to coordinate with the Communications Chief or designee on the exact date and time work is to be performed at site.
- Vendor must regularly perform UPS installation work as the focus of their company business.
- Vendor must provide the full manufacture warranty on materials purchased and one (1) year one-year full parts, labor, and travel warranty on all parts and services
- Warranty documents shall be provided to the customer
- System shall be tested to demonstrate satisfactory functional and operating efficiency.
- Existing batteries shall be removed and disposed of at the vendors expense.
- Vendor shall adhere to spill containment and safety guidelines and recycle spent batteries in accordance with Local, State, and Federal EPA laws.
- Technicians shall verify all wiring and cell layouts; inspect racking and support system, grounding connections, and verify system settings for safety and certification of installation.
- At no point during the installation will the building be without power due to the critical services provided by our 911 Center

Vendor should schedule a site visit prior to bid to ensure entire scope of work is fully understood. Vendor is responsible to verify information needed to provide a complete and accurate quote.

Any requirement placed on the County for the project must be specifically identified in the respondent's quote. Any requirement for project completion that has not been identified and agreed upon as a County responsibility will be the responsibility of the vendor at no additional cost to the County.

This shall be a complete, turnkey, project. It shall be understood and agreed upon that the quote includes each component for material and labor, even though every item involved is not listed herein. The vendor shall be responsible to provide ALL labor and materials for the entire scope of the project.

Contact: Communications Chief, Andrew Hamilton (850.471.6316).

UPS SYSTEM INFO

1. Liebert s610 SMS UPS Model # UDA63154A36AD68 Tag #
1303573

Battery:

Manufacturer: ENERSYS

No of Jars: 40

Model: HX505-FR

Cells per Jar: 6

Battery Type: VRLA

Cells per string: 240

MBCPM Model# U36MB15430AA25S

TAG# 1303576

2. Liebert s610 SMS UPS Model # UDA63154A36AD68 Tag #
1303573

Battery:

Manufacturer: ENERSYS

No of Jars: 40

Model: HX505-FR

Cells per Jar: 6

Battery Type: VRLA

Cells per string: 240

UNINTERRUPTIBLE POWER SYSTEM

MODULE INPUT: 3 Ø WIRE VAC AMPS HZ

INPUT KVA INPUT KW

NEUTRAL INPUT: AMPS INPUT FILTER

DC INPUT INTERMITTENT DUTY WIRE VOLTS RANGE AMPS MAX @ VDC

BYPASS INPUT: 3Ø WIRE VAC AMPS HZ

OUTPUT: 3Ø WIRE VAC AMPS HZ

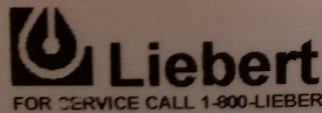
OUTPUT KVA OUTPUT KW

PART NO. SERIAL NO.

MODEL NO. WEIGHT

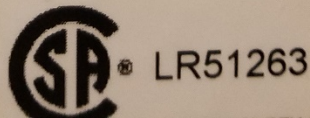
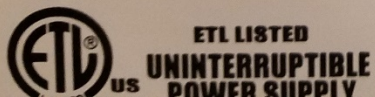
UNBALANCED LOAD CURRENT CAPABILITY: 100% OF PHASE AMPS

MFR'S ID - E72328 MFG. DATE



9650 Jeronimo Road, Irvine, CA 92618 USA

12-776092-00 REV.6



data safe
HX

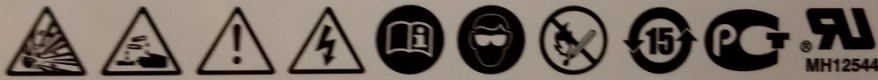
12HX505-FR

12V, 506W/Cell 15 min.
FLAME RETARDANT

Float voltage / Tension de floating
13.6 ± 0.1V at 77°F (25°C)

Connection torque / Couple de serrage
6.8 Nm 60 in lbs

Non-spillable lead-acid battery Made in Mexico



WARNING: Risk of fire, explosion or burns. Do not disassemble, heat above 65°C or incinerate. Ventilate spaces where used or charged.
WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and reproductive harm. Batteries also contain other chemicals known to the state of California to cause cancer.
WASH HANDS AFTER HANDLING.

www.enersys.com



EnerSys

This equipment is manufactured and sold under one or more of the following United States patents:
4,459,652 4,467,261
Other patents pending.

12-715104-01 Rev 5

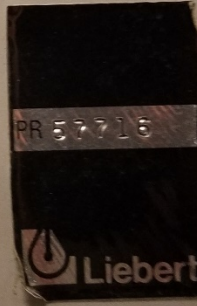
**BATTERY CABINET
INTERMITTENT DUTY**

Date: 37-03

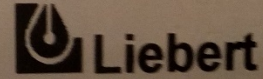


Listed
L8486432290
Uninterruptible
Power Supply
Equipment

Amps 395 Amps DC, Max. at 480 Volts DC
Model No. U36BP150WHBNUUU
BPAJ10F24027000
Serial No. See Attached Label
Battery No. 12HR500
Weight 4900 lbs



MAY BE MANUFACTURED AND SOLD
UNDER ONE OR MORE UNITED STATES
PATENTS. PATENT NUMBERS: 3,267,889
3,525,385 3,714,980 3,522,451 3,660,635
3,844,475 3,883,757 3,853,100 4,126,857
4,270,362 4,271,678 4,305,833 4,544,877
4,684,875 AND OTHERS PENDING.



1050 Dearborn Drive, P.O. Box 29186,
Columbus, Ohio 43229

Ref. Drawings: