

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

Equipment or Service:

Material and labor to replace batteries supporting microwave radio network

Location(s):

- Escambia County Public Safety Radio Tower Sites

See attached

Selected Vendor Requirements:

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

- Provide and replace batteries (NorthStar, 4xNSB155FT, Battery, 48V, **155AH**, RM, 3200-T16230-11)
- **Batteries shall be manufactured by: NorthStar**
- **Batteries shall be 155AH minimum.**
- **Shipment of batteries will be the responsibility of the vendor and shall include inside delivery only terms.**
- **Vendor must provide an on-site technician certified by MNI microwave or Motorola Solutions**
- 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 battery temperatures.
- 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).

- 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 battery/power system installation work as the focus of their company business.
- Vendor must provide the full manufacture warranty on batteries and one (1) year full labor and travel warranty on all services
- Warranty documents shall be provided to the customer
- System shall demonstrate satisfactory functional and operating efficiency.
- Existing batteries shall be removed and disposed of at the vendor's 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; 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 equipment be without power due to the critical services provided by our radio system

Vendor may 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).

Battery Totals

Tower Site	Batteries needed
Big Lagoon	4
Bratt	4
Don Sutton	4
ECSS	4
Englewood	8
Gonzales	4
Molino	8
Pipeline	4
PPD	4
Public Safety	4
Scenic Heights	4
Walnut Hill	4
Warrington	8

Total	
	64



