

RFP ADDENDUM #4 – 12/13/2023

RFP 2024-305

Radio System Network

THIS ADDENDUM NOW BECOMES A PART OF THE PROPOSAL. RETURN THIS ADDENDUM ACKNOWLEDGEMENT FORM AS INSTRUCTED, FAILURE TO DO SO MAY RESULT IN DISQUALIFICATION OF RESPONSE.

ADDENDUM # 4

The County is making the following changes, which supersede previous addendums:

1. Page 82 Installation Phase, a. ii. Radio Equipment Make, Model & Type, addition, “Leon County and its’ first responder partners currently use conventional analog 2-way radios to communicate, although the County Sherrif’s Office and the various fire departments may adopt digital enabled radios at a future date. Currently, Leon County radio network infrastructure is a conventional analog VHF radio network.”
2. Addendum #2, Section 1 & Addendum #1, Section 4, Addendum #1, Section 7: Site Features and Mobile & Portable Radios are no longer required to be priced and included in this RFP 2024-305. Addendum #1 & Addendum #2 are amended to reflect that **ONLY**:
 - a. Radio System Network Site Surveys
 - b. Radio System Network Reports & Studies
 - c. Radio System Network Equipment Provision & Installations
 - d. Radio System Network 1-year Equipment Warranties
 - e. Radio System Network 3-year Operations & Maintenance are requested under this RFP #2024-305 Radio System Network.

Any site features or upgrades, while no longer required under RFP 2024-305, will be considered, and can be priced separately under Attachment D and 12. Value Added Proposal.

3. Addendum #1, Attachment C pricing sheet sample is revised to remove tower fencing, tower electrical equipment sheds, mobile & portable radios, and tower generator line items. Please price solely for the original 3 phases: Site Surveys, Radio System Network Installations, and Regular Operations & Maintenance, and each phases’ components will be considered and should be priced as unit prices independent of other phases. Upcoming Addendum(s) will include a revised Attachment C and revised Attachment D incorporating the changes from Addendum #4.

4. Page 81, 1.c. Presentation and Report for Leon County Commissioner's Court has been expanded to include (3) reports:
- a. 10 Site-specific tower mapping reports.
 - i. To detail the location of existing radio antenna frequencies, radio base equipment, radio antennae, etc., and;
 - ii. To locate tower, tower site or radio network deficiencies at each candidate site.
 - b. 10 Site-specific tower loading studies.
 - i. To ensure that the proposed installed antennae siting will not diminish the structural integrity of the tower candidate.
 - c. 1 Comprehensive Leon County Radio System Network Design report.
 - i. To detail the tower sites where radio coverage propagation would occur before and after antenna installation, and;
 - ii. To pinpoint potential radio coverage gaps for new tower sites, and;
 - iii. To determine whether the proposed equipment installations work better in voted receiver or repeater mode.

Telecommunications Industry Association (TIA) TSB-88 Standards shall apply to the Commissioner's Court reports, the SATP (Section 2: Proposal Requirements, System Acceptance Test Plan) and, the CATP (Section 2: Proposal Requirements Coverage Acceptance Testing Plan) developed by proposers.

Any additional reports may be included within Attachment D and Section 12 of the Proposal requirements: Value Added Proposal.

5. Site-specific photographs and revised sample pricing sheets (Attachment D and Attachment C) will be forthcoming with publishing of upcoming addendum(s).

RFP 2024-305 Questions:

1. Will Leon County facilitate a site visit to all proposed radio tower sites prior to submission of the proposal?
 - a. [No, included within Phase I: Site Surveys, the awarded proposer would have the opportunity to visit each site.](#)
2. Does the County have access to and can provide additional information on each tower site including but not limited to the following:
 - a. Photographs of towers, equipment rooms, generators, HVAC
 1. [Available photographs will be forthcoming in the publishing of an addendum later.](#)
 - b. Existing tower mapping studies (existing placement of antenna, transmission, lines, and associated frequencies for each)

1. The County would not have available existing mapping studies at this time. These reports would now be included within Addendum #4, number 4.
 - c. Existing tower loading studies of most recent study
 1. The County would not have available tower loading studies at this time. These studies would now be included within Addendum #4, number 4.
 - d. Other relevant information on the towers
 1. Leon County will be providing available information in an upcoming addendum.
3. Can the County please verify if the selected vendor is to provide all base station repeater equipment or does the County already own this equipment?
- a. The selected vendor may provide all base station repeater equipment, if determined that existing equipment is insufficient during Phase I: Site Surveys. Initial surveys have revealed that the make of the base station equipment is Kenwood and would be available for use by selected vendor.

Vendors should propose the inclusion of a unit price for base station repeater equipment, in the event the existing base station equipment would be insufficient. The County and selected vendor may negotiate whether the selected vendor may use or replace the existing base station repeater equipment between Phase I and Phase II.

- b. If the selected vendor is providing this base station repeater equipment, what radio network architecture is required (conventional, analog simulcast, trunked Project 25, other)?
 1. Conventional radio network architecture would be required to be proposed under this RFP. Please see included within Addendum #4, number 1.
 - c. Will Fire and the Sheriff be located at all sites?
 1. Not necessarily. The County would await the conclusion of Phase I and the production of the Commissioner's Court report to determine if tower site candidates would be viable. Please see Addendum #4, number 4.
4. Does the County expect the vendor to propose the radio network design including determining which sites work best in voted receive mode and which as full repeater sites?

Yes. Please see Addendum #4, number 4.

5. Is the vendor required to develop a Microwave backhaul network design?
- a. Yes, this network design should be included within the Commissioner's Court report. Please see Addendum #4, number 4.
 - b. If so, is the vendor required to provide the microwave equipment?
 1. Yes, the awarded vendor will be required to provide and install the microwave equipment, during Phase II. Although if existing equipment, after Phase I, is determined by the County and vendor to be sufficient in Phase I, e.g. the base station equipment at sites, then the certain microwave equipment items would not be required.
 - c. If the county owns the Microwave equipment, will the vendor be responsible for installing the microwave dish(s) and cable?
 1. Yes, the vendor would be responsible for installing the microwave dishes and cable, in Phase II.
 - d. Does the County have a microwave network design that it can share?
 1. The County would not currently have a microwave network design available.
6. Has the County confirmed that sufficient primary power is available at all proposed radio sites?
- a. The County believes that all proposed radio sites contain sufficient primary power.
 - b. If not, is the vendor required to verify and work with the local power company to deliver the power?
 1. Vendors will be required to verify primary power availability in Phase I. The County will not require the vendor to deliver electrical connections if future discovery reveals the absence of electrical power.
 - c. If so, determining these requirements is specific to each site, and cannot be proposed on a fixed fee pricing strategy.

Proposers may assume the existence of sufficient primary power.

7. Regarding site grounding, can the County verify if the existing grounding satisfies industry best practices?
- a. The County would not be able to verify if existing grounding satisfies industry best practices.
1. If not, would the vendor be required to correct this deficiency?

The awarded vendor would not be required to correct a deficient grounding. The County would consider value added proposals under Attachment D including the ability to correct any grounding issues.

2. As noted above on power, grounding is based on a per site basis and cannot be estimated in advance.

Proposers may assume industry best practices for grounding. For pricing purposes, in the upcoming Attachments C & D revision, please note the upcoming updated line item to unit price by hourly rates for vendor grounding personnel or an electrician and price grounding equipment at cost.

8. Is the selected vendor responsible for conducting Tower Mapping (existing antennas, microwave dishes, transmission, tower top amplifiers, etc.) and radio tower loading studies for all proposed towers?

Yes, please see Addendum #4, number 4.

INSTRUCTIONS

1. Return one properly executed copy of this Addendum with RFP response or prior to RFP Opening Date/Time listed above.
2. Check **ONE** of the following options:
 - Proposal has **not** been mailed. **Any changes** resulting from this Addendum #4 are included in our proposal.
 - Proposal has already been mailed. No changes resulted from this Addendum #4.
 - Proposal has already been mailed. Changes resulting from this Addendum #4 are as follows.

Execute Addendum:

Bidder: _____

Authorized Signature: _____

Name & Title (Print/Typed): _____

Date: _____