



JEFFERSON COUNTY DRAINAGE DISTRICT NO. 6  
*Karen J. Stewart, MBA, Chief Business Officer*

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IFB Number: IFB 20-014/KJS  
IFB Title: Alert Flood Warning Systems Upgrade  
IFB Due: **2:00 PM, CST, Thursday, July 30, 2020 extended to August 6, 2020 by Addendum No. 01**  
Addendum No.: 02  
Issued (Date): July 31, 2020

**TO BIDDER:** This Addendum is an integral part of the IFB package under consideration by you as a Bidder in connection with the subject matter herein identified. Jefferson County deems all sealed proposals to have been proffered in recognition and consideration of the entire IFB package – including all addenda. For purposes of clarification, receipt of this present Addendum by a Bidder should be evidenced by returning it (signed) as part of the Bidder’s sealed proposal. If the Proposal has already been received by the Jefferson County Drainage District No 6 Purchasing Department, Bidder should return this addendum in a separate sealed envelope, clearly marked with the IFB Name, IFB Number, and Opening Date and Time, as stated above.

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Reason for Issuance of this addendum: Bid Clarification and response to vendor submitted questions.

**Question:**

Page 30, E.d.- Please indicate the inputs you intend to utilize on the terminal blocks. From the RFP, it seems as though you require Tipping Bucket Rain Gauge and multiple SDI-12 Sensors. Can you indicate what sensor inputs you would like on the terminal blocks?

**Answer:**

The District will need a minimum of:

- Three (3) Analog Inputs (V or mA)
- Two (2) SDI 12 Inputs, one (1) needs to have the ability to snoop SDI communications from a separate device
- One (1) Tipping Bucket

**Question:**

Page 30, E.i.

Please provide clarification regarding the mounting bracket. Is there a drawing that indicates what is requested? Is the specification simply calling for the ability to connect and remove the battery and radio from the front of the panel?

**Answer:**

The District's specification is calling for a removeable bracket for the battery that connect to either the provided panel or the backplate of our NEMA box. Also, the District requires that the radio be mounted on a removable bracket which attaches to the front of the panel.

**Question:**

General Conditions of Bidding and Terms of Contract, Section 2 Paragraph F (page 11) states "All charges for assembly, installation and set-up shall be included in the bid price. Unless otherwise stated, assembly, installation and set-up will be required." However, only 4.A Base Station and Repeaters includes information about set-up and installation. Is this the only item that would be installed by the contractor?

**Answer:**

The contractor will set-up and install the awarded Base Station and Repeaters while making sure our legacy equipment will run concurrently.

**Question:**

Bid item 4.A Base Stations and Repeaters includes "all cables and filters needed for installation in quote." Does this include antenna cable from entry point into the building? If so, what antenna cable lengths are required for the installations?

**Answer:**

The District will have the Antenna cables in place at the designated installation location.

**Question:**

Bid item 4.A Base Stations makes no reference to GPS antennas, receive, or transmit radios, power supplies, backup power, or wiring. Several of these are recommended or required for a successful ALERT2 network at the repeaters and/or base stations. Are these to be included in the bid under the A2X category? If so, how many of each item? Quantities depend on The District's repeater and base station setup.

**Answer:**

The District currently has One (1) Base Station as well as Two (2) Repeaters currently in operation. The contractor will provide the GPS antennas along with radios, programmed to the frequencies the District provides, necessary for the installation. The District will provide the power solutions needed for the installation. These items are to be included under the A2X category.

**Question:**

Specification 4. A j Requests inclusion of set-up and installation costs, can the district please clarify the scope of installation?

- Geographical location of installation sites
- Physical location of installation – i.e. server room, communication hut etc.
- Distance between new A2X installation location and the legacy Alert receiver – for determining cable length etc.
- Does the scope include the installation of the VHF and GPS antennas and required coax cable? If so, please advise expected distance between A2X and antenna install location
- Is there an existing 12-volt DC power supply to operate the A2X or does one need to be included in the deliverables?
- Can you also please confirm that 4AJ is the only component in which installation services should be included?
- One of the A2X systems will be used as a base station – will it have serial or Ethernet connection available? Is connect cable provided on site?

**Answer:**

- The Base Station will be located at Lat 30° 2'22.54"N, Long -94°10'5.98"W. The Repeaters will be located at Lat 29°47'53.15"N, Long -94°23'4.70"W and Lat 30° 1'56.91"N, - 94°25'17.14"W.
- The Base Station will be installed in a server room located at our office. The Repeater at Lat 29°47'53.15"N, will be installed in a Trinity Bay Conservation District office. The Repeater at and Lat 30° 1'56.91"N will be located at the Nome Volunteer Fire Dept.
- The awarded ALERT 2 Base Station and Repeaters will be installed side by side the Legacy Alert systems.
- The Contractor will be providing the GPS antennas.
- The District will provide a 12-volt power supply.
- The awarded ALERT 2 Base Stations and Repeaters will be the only new component we are bidding installation services. This does include ensuring that the Legacy System and the Alert 2 system are both in working order.
- The awarded Alert 2 Base Station should be able to connect via serial or Ethernet. The Contractor will provide the cables necessary. The District has two (2) Digi Serial to Ethernet solutions used on our Legacy System that can be implemented if needed.

**Question:**

Items 6-14 - Does this sensor need to be vented? Do you require desiccant to be furnished with sensor?

**Answer:**

The Sensors need to be vented and we will require desiccant to be furnished with the Sensor

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The information included herein is hereby incorporated into the documents of this present Bid matter and supersedes any conflicting documents or portion thereof previously issued.

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Receipt of this Addendum is hereby acknowledged by the undersigned Bidder:

ATTEST:

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Authorized Signature (Bidder)

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Witness

\_\_\_\_\_  
Title of Person Signing Above

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Typed Name of Business or Individual

