



**HIGHLANDS COUNTY
BOARD OF COUNTY COMMISSIONERS
PURCHASING DIVISION**

DATE: November 13, 2017

BID NO. ITB 18-010 Addendum No. 3

Project.: Lake Jackson Watershed Hydrology Groundwater, Meteorology and Surface Water/Stream Flow Sensor Acquisition and Installation project

ADDENDUM 3 TO ITB 18-010

The purpose of this Addendum is to notify potential bidders of a change in the Bid Submission deadline, to provide responses to the questions that were received during the Request for Information (RFI) period, and to provide a revised Bid Form. This Addendum should be acknowledged on your Bid Form.

Bid Submission Deadline

The Bid Submission deadline is changed as follows to allow potential bidders adequate time to respond to this solicitation taking the information from the RFI questions into consideration:

FROM: Monday, November 20th, 2017 at 3:00 pm

TO: Monday, November 27th, 2017 at 3:00 pm

Submission location remains unchanged.

BIDS MUST BE DELIVERED to the Purchasing Division, 600 S. Commerce Ave, Sebring, FL 33870 so as to reach that office no later than 3:00 pm on Monday, November 27th, 2017, at which time they will be opened.

RFI Questions and Responses

The following questions were received from registered vendors before the Request for Information deadline for questions related to this ITB. Answers are provided below each question.

- 1) Figures 2 and 3 depict a confining layer between a lower limestone stratigraphic unit and a surficial sand unit with the screened monitored interval installed in the lower limestone unit. The specifications indicate the ten monitoring wells are to be installed in the shallow and deep surficial aquifer. Please clarify the stratigraphy (sand unit, confining unit, limestone unit) and limits of the surficial aquifer that the wells are expected to penetrate and monitor.

Answer:

The surficial aquifer is believed to be about 200 feet thick in the vicinity of Lake Jackson. Figures 2 and 3 were generalized and a confining unit, nor limestone is not anticipated at the desired depths.

- 2) Figures 2 and 3 depict the well's bentonite seal associated with the contact between the limestone and overlying confining layer. In the absence of a confining unit bidder would expect a bentonite seal to be installed between the well's screened section sand pack and the overlying grouted section. Please confirm the desired/intended location of the bentonite seal.

Answer:

Since there will be no confining unit, you are correct in saying "bentonite seal to be installed between the well's screened section sand pack and the overlying grouted section".

- 3) Can the bid due date be extended to allow more time to prepare a responsive bid?

Answer:

Addendum 2 was issued on October 31, 2017 which extended the bid due date to 3 pm, Monday, November 20th.

- 4) The specifications require that the surface water monitoring stations be installed by a licensed marine contractor. Can the requirement for a marine contractor be waived?

Answer:

Yes, per the guidelines in the General Terms and Conditions (Section 00250), Paragraph I.

- 5) Has all permitting required for the installation of the wells and various equipment been completed? If not, will the required permitting a part of the successful bidders contract? (It is understood that a well installation permit (SWFWMD) is required to be obtained by the well installation contractor; are other permits required)?

Answer:

Required permitting, other than well installation permitting, will be completed prior to start of installation of this monitoring equipment, and is not included in this contract.

- 6) The specifications require that the various monitoring equipment be installed by technicians certified by the equipment manufacturer. During a review of the manufacturer's web site, we were unable find a certification program offered by the manufacturer. Is it acceptable for the bidders to install instrumentation in accordance with the manufacturer's installation guidelines without certification?

Answer:

Yes

- 7) What is the anticipated bid award date?

Answer:

Per Instruction to Bidders, Section 00100, paragraph 19.07, "Within thirty-five business days after bid opening, unless otherwise stated in this ITB, Owner will accept one of the Bids or will act in accordance with these Instructions to Bidders or the Section 00250 General Terms and Conditions for Construction Projects". It is anticipated that the bid award date will be sooner than the 35 days specified in the ITB.

- 8) What is the required start date for this work?

Answer:

January 2, 2018, depending on contract (section 00500) approval by the BCC.

9) Is the Marine Contractor requirement going to be omitted as discussed in the Pre-Bid Meeting?

Answer:

Refer Question #4

10) Is The County going to take care of the surveying to save money as discussed in the Pre-Bid Meeting? It is my understanding that the County would like us to provide quotes for Surveying but will probably take care of that themselves.

Answer:

See the Bid Form (section 00300, paragraph E, Pricing), surveying services are a mandatory deductive alternative bid item.

11) Is The County going to omit "As Built" drawings and substitute that with Photo Documentation as discussed in the Pre-Bid Meeting?

Answer:

For wells, field well construction diagrams (sketches) as required by SWFWMD or FDEP permits are required and should be submitted as a part of the permit requirement, and to the County Geologist. For surface water monitoring systems, the Contractor should develop record drawings with detailed information for submittal to the County. At the end of the project the County will use the record drawings to develop accurate as-built drawings. In addition, the contractor should provide photo documentation

12) Surface Water Monitoring Stations: It is my understanding that the County wants us to bid the Surface Water Monitoring Platforms as being 20 foot in length per discussions in the Pre-Bid Meeting. Is this correct?

Answer:

Yes

13) Groundwater Monitoring Stations: It is my understanding that The County does not know the exact depth the wells are to be dug and will accept a bid from the well drillers as Cost per foot. It is also my understanding that the County's geologist will accompany the Well Drillers to determine completion depth, etc. If The County wants a bottom line number on the bid, do you want us to bid based on "**Summary of Work**"(1.02 - Table 1) Well 1 (50'), Well 2 (150'), Well 3 (1 @ 30' and 1 @ 150'), Well 4 (1 @ 50'), Well 5 (1 @ 100'), Well 6 (1 @ 50' & 1 @ 150'), Well 7 (1 @ 30' & 1 @ 150')? The Cost/ft' would be added to or subtracted from the bid base price accordingly. Would that be acceptable?

Answer:

See the revised Bid Form (Section 00300) included with this addendum. The revised bid form changes section E to address this question.

14) Can you clarify what sites get instrumented? It is my understanding that the Weather Station (1), All Surface Water Monitoring Stations (3), and some of the Groundwater Monitoring Stations (?).

Answer:

The groundwater stations to be instrumented are at sites #3, #6 and #7. The instrumentation includes a pressure transducer per well, and a data logger and solar panel for power to the logger per site.

15) It is my understanding that once the equipment is installed, that the County will be responsible for all maintenance & data collection at the stations, including surface water stream gauging (manual flow measurements & and station rating). Is this correct?

Answer:

This is correct.

16) It is also my understanding that none of the equipment requires telemetry. Is this correct?

Answer:

This is correct.

Revised Bid Form

Included with this Addendum is a revised Bid Form (Section 00300). To be considered responsible bidders must use the revised Bid Form.

DIVISION 0 - SECTION 00300

REVISED BID FORM

ITB 18-010

PROJECT IDENTIFICATION: LAKE JACKSON WATERSHED HYDROLOGY
GROUNDWATER, METEOROLOGY AND SURFACE
WATER/STREAM FLOW SENSOR ACQUISITION AND
INSTALLATION (Re-bid of ITB 17-031)

THIS BID IS SUBMITTED TO: Highlands County Board of County Commissioners
Attn: Purchasing Division
600 S Commerce Ave., Sebring, FL 33870

BID SUBMITTED BY: _____
[Bidding Company's Name, 'Bidder']

[Bidder's Authorized Representative's Name]

[Bidder's Address, Building #, Street]

[Bidder's Address, City, State, Zip]

[Print Contact Person's Name for this bid]

[Contact Person's Email Address]

[Contact Person's Phone Number]

- A. The Bidder proposes and agrees, if this Bid is accepted, to furnish all labor, materials, and equipment to construct and complete the Work according to and as specified or indicated in ITB 18-010 and the Bidding Documents for the Bid Price and within the time periods stated in this Bid and in accordance with the other terms and conditions of the Contract Documents.

B. Bidder accepts all of the terms and conditions of the Advertisement or Invitation to Bid and Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for thirty (30) days after the day of Bid opening. Bidder will sign and deliver the required number of the other documents required by this ITB within fifteen (15) days after the date of County's Notice of Award.

C. In submitting this Bid, Bidder represents that:

1. Bidder has examined and carefully studied the Bidding Documents, including the following Addenda, receipt of all of which is hereby acknowledged:

| Date | Number | Date | Number |
|-------|--------|-------|--------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

2. Bidder has visited the Site and become familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, performance, and furnishing of the Work;
3. Bidder is familiar with and is satisfied as to all Laws and Regulations that may affect cost, progress, performance, and furnishing of the Work.
4. Bidder acknowledges that County and Project Manager do not assume responsibility for the accuracy or completeness of information and data shown or indicated in the Bidding Documents with respect to Underground Facilities at or contiguous to the Site. Bidder has obtained and carefully studied (or assumes responsibility for having done so) all such additional or supplementary examinations, investigations, explorations, tests, studies, and data concerning conditions (surface, subsurface, and Underground Facilities) at or contiguous to the Site or otherwise which may affect cost progress, performance or furnishing of the Work or which relate to any aspect of the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder and safety precautions and programs incident thereto. Bidder does not consider that any additional examinations, investigations, explorations, tests, studies or data are necessary for the determination of this Bid for performance and furnishing of the Work in accordance with the times, price, and other terms and conditions of the Contract Documents.
5. Bidder is aware of the general nature of the Work to be performed by County and others at the Site that relates to the Work.
6. Bidder has correlated information known to Bidder, information and observations obtained from visits to the Site and all additional examinations, investigations, explorations, tests, studies, and data with the Contract Documents.
7. Bidder has given Project Manager written notice of all conflicts, errors, ambiguities or discrepancies that Bidder has discovered in the Bidding Documents and the written resolution

thereof by Project Manager is acceptable to Bidder, and the Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performing and furnishing the Work.

8. This Bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid. Bidder has not solicited or induced any person, firm or corporation to refrain from Bidding, and Bidder has not sought by collusion to obtain for itself any advantage over any other Bidder or over County.

D. Documentation included with Bid packet

| | | Required? | Included (check if yes) |
|----|---|---------------------------|----------------------------|
| 1. | One (1) original (signed in blue ink), one (1) exact paper copy, and one (1) exact electronic copy (CD or thumb drive) of the submitted Bid. | Yes | |
| 2. | Certificates from Section 00160 <ul style="list-style-type: none"> • F.S. 287.135 • F.S. 287.087 • F.S. 287.133(3)(A) • F.S. 287.134 • Participation in E-Verify • Local Preference Affidavit | Yes | |
| 3. | Waiver of right to claim against payment/construction bond (Section 00836) | Yes | |
| 4. | Woman or Minority Owned Business Certificate | If applicable | |
| 5. | Qualifications (See Section 00100, Article 3) <ul style="list-style-type: none"> • List of 5 jobs of similar magnitude • Resumes • List of available equipment • Five (5) reference letters • Copies of required licenses • List of sub-contractors, if applicable • List of present commitments | Yes | |
| 6. | Bid security in the form of _____ | Yes, over \$100,000.00 | |

E. Pricing

1. This is a Lump Sum and Unit Price Bid. Bidder will complete the Work in accordance with the Contract Documents for the following Lump Sum and Unit Price Bid items. Unit Price Bids for per foot of well are separate from the lump sum for labor costs and material costs per site. Award will be based on the total Lump Sum Bid Price, sum of Unit Price items, and requirements of Bidder. If the County chooses to accept the alternate, the amount specified for the alternate will be deducted from the lump-sum. All bidders must provide pricing for deductive alternate bid option.
2. Deductive Alternate option: Florida Registered Professional Surveyor and Mapper to be selected and retained by the County.

TABULATION OF QUANTITIES AND PRICING

| Bid Item | Labor cost per site | Material cost per site | # sites | Total monitoring install |
|---|---------------------|------------------------|---------|--------------------------|
| Accoutrements ^a for Paired - instrumented 2" shallow and 4" deep SAS wells | | | 3 | |
| Accoutrements ^b for Single 2" shallow SAS wells #1 and #4 | | | 2 | |
| Accoutrements ^b for Single 4" deep SAS wells at #2 and #5 | | | 2 | |
| Automated Water level / stream flow platform | | | 3 | |
| Global weather station | | | 1 | |
| Permitting | - | - | - | |

Well riser pipe and cement grout only

| Well site # | Maximum Depth (feet) ^c | Schedule 40 pipe diameter (inches) | Price per foot | Maximum price for riser pipe and cement grout per well |
|-------------|-----------------------------------|------------------------------------|----------------|--|
| #1 | 50 | 2 | | |
| #2 | 100 | 4 | | |
| #3 | 30 | 2 | | |

| | | | | |
|----|-----|---|--|--|
| #3 | 100 | 4 | | |
| #4 | 50 | 2 | | |
| #5 | 100 | 4 | | |
| #6 | 50 | 2 | | |
| #6 | 100 | 4 | | |
| #7 | 30 | 2 | | |
| #7 | 100 | 4 | | |

^a Accoutrements to be included in lump price for paired wells, #s 3, 6 and 7 above, include for each well pressure transducer and cable, above ground well cover, locking cap, 2'X2' flush mount concrete pad, surface casing, bentonite seal, well screen and sand pack for screen. Each pair of wells will have data recorders and solar panels for power.

^b Accoutrements to be included in lump sum price for single wells # 1, 2, 4, and 5 above include flush mount well cover, locking cap, 2'X2' flush mount concrete pad, surface casing, bentonite seal, well screen and sand pack for screen.

^c Actual depth of installation will be determined on site by project geologist.

The total of the items listed above must total the lump sum amount below.

LUMP SUM BID

Lump Sum Bid [in figures]: \$

Lump Sum Bid [in words]:

Deductive Alternate [in figures]: \$

Deductive Alternate [in words]:

- F. Bidder agrees that the Work will be substantially complete within sixty (60) days and completed and ready for final payment within ninety (90) days after the date when the Contract Times commence to run. The Contract Times will commence to run on the thirteenth (13th) day after the Effective Date of the Agreement or, if a Notice to Proceed is given, on the day indicated in the Notice to Proceed. A Notice to Proceed may be given at any time within thirty (30) days after the Effective Date of the Agreement.
- G. Communications concerning this Bid have been addressed only to the contacts listed in Article 23 of Section 00100 of ITB 18-010.

Submitted on: _____, 20_____.

If Bidder is an Individual

(SEAL)

Individual's name: _____

Signature: _____

Doing business as: _____

Business address: _____

Phone No.: _____

If Bidder is a Partnership

(SEAL)

Partnership's name: _____

State in which organized: _____

Type of partnership: _____

Name of general partner: _____

Signature: _____

Business address: _____

Phone No.: _____

If Bidder is a Corporation:

(SEAL)

Corporation's name: _____

State of incorporation: _____

Name of authorized person to sign:

Title:

Signature:

Date of qualification to do business:

Attest:

Business address:

Phone No.:

If Bidder is a Joint Venture

(SEAL)

Name 1: _____
Signature 1: _____
Address 1: _____
Name 2: _____
Signature 2: _____
Address 2: _____
Address for receipt of official
communications: _____
Phone number for official
communications: _____

(Each joint venturer must sign. The manner of signing for each individual, partnership and corporation that is a party to the joint venture should be in the manner indicated above for an individual or the appropriate form of entity.)