



MANATEE COUNTY

November 21, 2013

TO: All Interested Bidders:

SUBJECT: Invitation for Bid #13-2885-OV
Satellite Lift Station R & R Emergency Generators 2013, Group A

ADDENDUM #1

Bidders are hereby notified that this Addendum shall be acknowledged on page 00300-1 of the Bid Form and made a part of the above named bidding and contract documents. Bids submitted without acknowledgement of the Addendum will be considered incomplete.

The following items are issued to add to, modify, and clarify the bid and contract documents. These items shall have the same force and effect as the original bidding document, and cost involved shall be included in the bid prices. Bids to be submitted on the specified bid date, shall conform to the additions and revisions listed herein.

The stated deadline of November 18, 2013 to submit all inquiries concerning interpretation, clarification or additional information pertaining to this bid has lapsed. This deadline has been established to maintain fair treatment for all potential bidders, while maintaining the expedited nature of the Economic Stimulus that the contracting of this work may achieve.

Note #1:

Engineer's Estimate dated August 20, 2013. (1 total page attached)

Note #2:

A Public Records request has been received to provide a copy of the Information Conference Attendance Record which was held on November 6, 2013. (1 total page attached)

Note #3: Response to Contractors Questions through November 18, 2013.

Question 1:

Section 01030, 1.13 (B) - The warranty for the generator begins at startup. The warranty for the remaining work starts at substantial completion, and by definition, both cannot be the same day and have concurrent warranties.

Financial Management Department, Purchasing Division
1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205
WEB: www.mymanatee.org *PHONE: 941-749-3014 * FAX: 941-749-3034

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Response 1:

Please refer to Section 01030, 1.13(D) in reference to material manufacture warranties. Please note, Section 01030 does not apply to the generator sets. The warranty criterion for the generator sets is listed in Section 16231, 1.06. The warranty requirements for the generator set, protective coatings, and remaining work can be separate warranties with their own start and end dates.

Question 2:

Section 01380, Construction Photographs. Please confirm the extent of video recordings desired. 1.04(A) describes a pipeline installation project.

Response 2:

No video is required as this is not a pipeline installation. Photos showing work in progress will be required to be submitted with your Pay Applications.

Question 3:

Section 01410, Testing. This section requires the testing of the concrete used. Section 03300, 1.03(A) requires that the testing be performed by the laboratory currently under contract with Manatee County. Who is that agency?

Response 3:

Universal Engineering Sciences, Inc.

Question 4:

Section 01720, 1.05(8) Project Record Documents. Please confirm Mylar drawings are to be provided

Response 4:

Yes, Mylar's will be required.

Question 5:

Section 02444, Fencing. Where is the new fencing specified being installed?

Response 5:

Section 02444, Fencing was inadvertently added. Please disregard.

Question 6:

Section 16108, Miscellaneous Equipment. Where are the 20/1 breakers, 30/3 disconnects, flow meters, meter vault and pad support structure to be installed?

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Response 6:

Section 16108, Miscellaneous Equipment was inadvertently added. Please disregard.

Question 7:

Section 16110, Conduit and Fittings. Is IMC, Intermediate Metallic Conduit, approved in lieu of GRS, Galvanized Rigid Steel?

Response 7:

No, only Schedule 80 PVC conduit shall be used, Section 16231, 3.01, C.

Question 8:

Section 16120, Wires and Cables. Please confirm extent of testing. Are all conductors to be tested and in the presence of county personnel?

Response 8:

No it does not have to be tested in front of County personnel. It just has to work correctly when the start-up is performed.

Question 9:

Section 16231, Emergency Generator Set, 2.04.2.A (H) requires each fuel tank to be full and topped off. NFPA 30, Flammable and Combustible Liquids Code, 2.32.3.3(e) requires an alarm sound when the tank reaches 90% of capacity and automatic shut off when it reaches 95% capacity. Please confirm that each tank shall be filled according to NFPA 30.

Response 9:

In referring to NFPA 30 2012, 21.7.1.5 appears to reference your question and applies to specifically underground tanks and 21.7.1.5 refers to above ground tanks larger than 1,320 gallons.

Yes, each tank shall be topped off or "full" at the time of County's acceptance.

Question 10:

Section 16231, 2.06(A) requires the generator slab to be at least two inches above grade with 3/4" chamfered edges. Is the slab desired to be wider than the generator enclosure?

Response 10:

Yes, 6" minimum beyond fuel tank or generator footprint.

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Question 11:

Shop Drawing and Submittals. Different sections require two, three or a PDF copy to be submitted. Is one copy of manuals, submittals and shop drawing with copies in pdf format acceptable?

Response 11:

Three copies of all other materials shall be submitted. Section 01340 Shop Drawings, Project Data & Samples requires one (1) hard copy to be submitted or shop drawings and project data may be submitted electrically by PDF. All submittals must go through the project manager, Sherri Robinson.

Question 12:

Section 16231, 1.02. The specifications require the generator "to drive" two electric motors. As STARTING a motor on a generator is the problem, to properly size the generator, the starting sequence must be known. At each lift station, in what sequence are the motors started?

Response 12:

With the TCU units in place, both pumps cannot start at the same time; there is a 15 second delay between starts. They are going to be Across the Line starters and it will alternate which pump starts first based off which one is up for start rotation. Both motors can and may need to run at the same time at any time during operation. When we do the start up, we turn each pump on in the HOA in the Hand position to make sure both pumps can run under the generator power without generator bog or shut down.

Question 13:

What type of starter is installed at each lift station / Across the Line, Soft Start, VFD, Reduced Voltage?

Response 13:

See above.

Question 14:

Misc. Sections.: Please confirm the following are required for each site.

Generator Slab – Construction documents providing direction to size, concrete type and reinforcements signed and sealed by a Florida Professional Engineer.

Electrical System – Construction documents providing the minimum required information as published in FAC 61G15-33-.003 and signed and sealed by a Florida Professional Engineer.

Site Survey – Survey for each site signed and sealed by a Florida Registered Surveyor?

Construction Permit – Provided by a general contractor for each generator slab?

Electrical Permit – By Electrical contractor for each generator installation?

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Response 14:

Generator Slab: See Section 16231, 2.06A – in summary, a signed and sealed slab design is required only if the manufacturer does not provide a slab design for the exact generator/fuel tank proposed.

Electrical System: If the information required by 61G15-33.003 can be provided by the manufacturer, then a signed and sealed document is not required.

If any portion of the design differs from the original design and the intent of the manufacturer, then yes, a signed and sealed document is required. Reference Section 16231, 1.05, B.

Site Survey: - No, the successful Contractor is not required to obtain a survey for each site. Record Drawings, however, shall be required for each site and shall be signed and sealed by a current licensed Surveyor the State of Florida.

Construction Permit and Electrical Permit – Only one (1) permit is required for each site by the Building Department. The permit may be pulled by either a General Contractor or an Electrical Contractor.

Question 15:

I visited all five (5) sites today. Are the wiring diagrams available for each P/S? Copies are on site?

Response 15:

All wiring in the control panel should be per County Detail US-23 or US-24. The details may be downloaded at:

<http://www.mymanatee.org/home/government/departments/public-works/engineering-services/engineering-standards.html>.

Manatee County Utility Standards, PDF Version.

If you have submitted a bid prior to receiving this addendum, you may request in writing that your original, sealed bid be returned to your firm. All sealed bids received will be opened on the date stated.

END OF ADDENDUM #1

Bids will be received at the **Manatee County Purchasing Division, 1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205** on **December 5, 2013** until **3:00 PM**.

Sincerely,


Melissa M. Wendel, CPPO, Purchasing Official
Manatee County Purchasing Division

/OV (2 total pages attached)



MANATEE COUNTY FLORIDA

Date: August 20, 2013

To: All Bidders

Subject: SLS R&R Emergency Generators - 2013 Group A

Project No.: 402.0019707 - 50013XX - 86,87,90,91,& 93

The total "construction cost estimate" for the five (5) aforementioned Satellite Lift Station Rehabilitation Emergency Generators - Group A project is \$342,415, three hundred forty-two thousand four hundred and fifteen dollars.

This construction cost estimate was determined on August 20, 2013. The construction cost estimate is based on the original specifications and drawings issued. Changes to the specifications subsequent to the original documents by addenda to this bid may not be accounted in this construction cost estimate.

Sincerely,

J. Shea Shoun, P.E.
Project Engineer

Public Works Department/Engineering Services
Mailing Address: P. O. Box 1000, Bradenton, FL 34206-1000
Street Address: 1022 26th Ave. E., Bradenton, FL 34208
WEB: www.myanatee.org * PHONE: 941.708-7450 * FAX: 941.708-7431

ATTENDANCE RECORD
NON-MANDATORY
INFORMATION CONFERENCE

(IFB) #13-2885-OV

Title: Satellite Lift Station R & R, Emergency Generators, 2013, Group A
Location: Manatee County Public Works
1022 26th Avenue East, Large Conference Room
Bradenton, FL

Date / Time: November 6, 2013 at 11:00 AM *SR*

IFB# (IFB) #13-2885-OV

TELEPHONE NO.	NAME/ TITLE	EMAIL ADDRESS	FIRM
941-749-3055	Olga Valcich, Contract Specialist <i>OV</i>	Olga.valcich@mymanatee.org	Manatee County Purchasin
941-708-7450 / Ext. 7334	Sherri Robinson, Assessment Coordinator <i>SR</i>	Sherri.Robinson@mymanatee.org	Public Works Project Mgmt. Division
941-708-7463 / Ext. 7651	John S. Shoun, Project Engineer II <i>JS</i>	Shea.Shoun@mymanatee.org	Public Works, Engineering
941-708-7450/Ext 7347	Andy Fischer, Infrastructure Inspections Division Manager	Andy.Fischer@mymanatee.org	Public Works
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941 755 4312	BARRY ROBERTS PRESIDENT	LOWE - CONSTRUCTION & VERIZON.NET	LOWE CONSTRUCTION
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