

MANATEE COUNTY

April 2, 2009

TO: All Interested Bidders

SUBJECT: Invitation for Bid #09-1146-OV
2008 Emergency Generators / Satellite Lift Stations
Two (2) Sites: (Group B – 7 and 8)
(N2-B (RTU 548) and Marineland (RTU 331)
Project No. 402.0019707

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 and contract documents, 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.

Bidders:

Answers to the questions have been provided by Mr. Wayne Troxler, P.E., Manatee County Government Public Works, Utilities Division.

Questions / Answers as a result of the Pre-Bid / Information Conference held March 13, 2009.

Section 00020, page 2; B.02 States the minimum license requirement for this project shall be a required General Contractors License. This requirement shall not be waived. Bid per Terms and Conditions provided.

Address Correction:

Marineland (RTU 331)
6729 65th Street East, Bradenton, FL

(WAS: 6729 65th Street West, Bradenton, FL)

Financial Management Department – Purchasing Division
1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205
Phone: 941-749-3014 – Fax: 941-749-3034

LARRY BUSTLE * DR. GWENDOLYN Y. BROWN * JOHN R. CHAPPIE * RON GETMAN * DONNA G. HAYES * CAROL WHITMORE * JOE
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District 1

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District 3

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District 6

District 7

Specification Section 16231

Paragraph 2.05 B – (Page 186) **Revise to read as follows:**

“The automatic transfer switch may be housed within the generator enclosure or in a separate NEMA 4 x SS (304 Stainless) enclosure installed on a concrete pad”.

Delete/Remove: “The enclosure shall have an electro statically applied, baked on, power coated enamel finish 1.5 to 2.5 mil. This coating shall have a non-deductible, unlimited warranty against rust and corrosion for a period of ten years. The color of the coating shall be a “buff” Coating, matching the generator enclosure”.

CONTRACTORS QUESTIONS RECEIVED VIA EMAIL AS FOLLOWS:

- Q1. Section 01580 – Sign requirement; Can the sign requirement be waived at each site?**
- A1.** No, the Sign requirement shall not be waived. A sign is required at each site as specified in Section 01580.?
- Q2.** Sheet 3 of 4, N2-B (RTU 548) and Marineland (RTU 331) – can you indicate the approximate location of the gensets?
- A2.** The gensets will be installed within the boundaries. The location will be established during a site visit with the successful Contractor. At present, without knowledge of the generator brand that will be provided, the exact concrete pad size cannot be determined. The goal is to ensure that the equipment provided is as close to the power panel as possible, allowing adequate access for servicing, fueling, etc.
- Q3. Section 01590, can the requirement for the onsite office be waived for the Engineers?**
- A3.** There is no requirement for a Contractor / Engineer’s office / trailer at the site.
- Q4.** Will the County personnel be providing the circuit breakers and power supply to power the battery charger, and block heater for each site as required?
- A4.** Manatee County personnel will NOT be providing any materials to the Contractor. The Contractor will provide the entire genset and installation, including whatever is required to install the block heater, battery charger, etc...

- Q5.** Will there be a pay item for each generator after they are delivered and fastened in place?
- A5.** The bid form pay item is for the generator to be installed and accepted. Delivery and bolted in place would be more a “material on site” kind of partial payment. Successful Contractor may present this question at the Pre-Construction meeting with Inspections present.
- Q6.** Please provide size and thickness of the concrete slabs which are needed to set the units and tanks on. There are no details in the plans.
- A6.** Reference the pre-bid meeting held March 13, 2009, Concrete slabs are defined in **Specification Section 16231, paragraph 2.07**, Contractor to design.
- Q7.** There is no size for the fence gate shown.
- A7.** Fence Gate shall be 8 ft. long by 6 ft. high
- Q8.** There are no conduit and wire schedule.
- A8.** Per specification section 16231, paragraph 1.06, submittals from the Contractor include wiring and piping diagrams.
- Q9.** Are there provisions in the control panel for a block heater and battery charger?
- A9.** The existing control panel typically has adequate space for an additional breaker or two; for the charger and heater, however, each site will have to be checked individually.
- Q10.** Is there any enunciation between the generator and RTU?
- A10.** The Contractor is required to provide the type of contacts as defined in the **Specification Section 16231, paragraph 2 (E)** and run the conduit / leads to the control panel. Manatee County personnel will perform the actual tie-in to the RTU panel.

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(2) Sites – Group B)

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Q11. Are there some existing electrical drawings available?

A11. There are no existing electrical drawings available other than the “typical” wiring shown in the County Standards, details US 22 and US 23.

Q12. What kind of permanent fence is required (Chain link, PVC, Height)?

A12. Should fencing be required, it will be 6 ft. high chain link. There is no requirement for the generator Contractor to do any fencing, again, reference Bid Item No. 8 and provide a unit price in the event the County should desire fence installation.

Q13. Do the pump stations need to be fully enclosed?

A13. Not all sites are fenced. Currently, there is no requirement for the sites to be enclosed.

Q14. Are we able to work all seven (7) sites at the same time or do we need to stagger the work?

A14. There is no requirement as to staggering of the project. This project does not require shut down of the existing Lift Stations except for an hour or so for hook-up as no by-pass pumping is involved. All seven (7) sites may be worked providing approval by Manatee County personnel.

Q15. Are the tanks for the generators required to be filled with fuel at the end of the job? If not, what are the requirements for fuel.

A15. Per the **Specifications, Section 16231, paragraph 2.04, 2. (G)**, states “fuel tank shall be full and topped off by the Contractor when it is accepted by the County”.

Q16. Will there be a pay item for each generator after they are delivered and fastened in place?

A16. The bid form pay item is for the generator installed and accepted. Delivery and bolted in place would be more a “material on site” kind of partial payment. Successful Contractor may present this question at the Pre-Construction meeting with Inspections present.

Q17. What is the AMP for the main disconnect at each site?

A17.

Lift Station	RTU	Volts	Phase	Main Breaker
N2B	548	480	3	SD KAL36200
Marineland	331	230	3	SD KAL36200

Q18. **Specification 01590** – Are a jobsite trailer, furniture and temporary electric “required” at each individual location for the Engineer’s use?

A18. Jobsite trailer, furniture, etc., are not required for this project.

Q19. Are there flood zone requirements that supersede the 2” above existing grade for FFE of general pad?

A19. There are no additional flood zone requirements for these sites. Although 2 sites are within flood zones, the elevations shown on the plans, and all electrical and mechanical and fuel fill equipment is well above the FFE.

Q20. Permits – What basis will the fees be based upon (lump sum, cost per project) or will an Allowance be provided per location so as to allow for an even playing field between bidders?

A20. Per the bid form, the permit measure and pay definition is a lump sum per project.

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(2) Sites – Group B)

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- Q21.** Which bid item should Contractor's and Subcontractor's OH & P be carried. Should line items #31 and #32 be inclusive of subcontractor values as well as contractor value or shall the subcontractors distribute their insurance, mobilization, misc. work, cleanup and record drawings to bid items 1 – 6?
- A21.** It is up to the Contractor to choose how best to distribute the OH & P as there is no specific line item to address this issue.
- Q22.& 23.** Bid Form – Bid Form for RTU #548 indicate a 100 KW generator. Per Kohler, they are quoting a 150 KW generator. RTU #331 indicates a 20 KW generator. Kohler is quoting a 30 KW? Which shall we use?
- A22.& 23.** **Specification Section 16231** - details the specific requirements for the generator capacity and performance. The KW listed on the bid form is the absolute minimum allowed, and may or may not meet the performance criteria of the specifications. Acceptance is based on the final testing per the specification, and each generator manufacturer will need to select the generator sizing of their equipment that will meet the specifications.
- Q24.** Do projects that are not currently fenced require fencing?
- A24.** Fencing is a convenience item for the County. There is no guarantee that there will be any fencing involved in this contract, so no quantity was provided on the bid form. Not all sites have or need fencing.
- Q25.** Connections of the ATS will require shut down of the system. Is there a maximum period of time in which the lift stations can be without power without overflowing or should we account for providing a temporary generator during power connection?
- A25.** It is anticipated that there will be a short term power outage during connection. The lift station may be shut down for a period of time. If an extended period of time is required, either back-up power will be required, or the connection will have to be made at low flow time.
- Q26.** Could I please request an electronic version of the bid forms?
- A26.** Bid Forms may be provided in PDF format only. Excel format is not permitted.

- Q27.** If an estimated quantity is “0”, is a unit price still required?
- A27.** See item 27 above, The fencing bid items are for the County’s convenience only - there is no guarantee of any fencing work. A unit price is required.
- Q28.** If there are existing code violations, will we be required to upgrade any systems, conduit, wiring, etc., to meet code?
- A28.** This contract is for the installation of generators only. Installation must meet all codes.
- Q29.** RTU – Radio Telemetry Unit – 2.02 I calls for 4 wire pairs from control box to generator Control cabinet. Can you be more specific? Beldon catalog number, wire size, twisted shielded pairs, non-twisted, etc. Connections are by Manatee County per specifications, is this correct?
- A29.** RTU ties in wires have no specific requirements: #16 stranded, in pairs. No color, shielding or other requirements.
- Q30.** Would it be acceptable to provide a wall mount transfer switch, in lieu of free-standing for Generators 20 – 50 KW?
- A30.** Per **Specification Section 16231, paragraph 2.05B**, the ATS can be mounted in the generator enclosure, it does not require a separate pad and mounting structure.
- Q31.** The schedule options are for a 220 and a 280 day completion. However, **Specification Section 16231, paragraph 3.05 (A) Delivery**: states that installation is to be complete and system operational within 120 days of contract award? Can you provide clarification?
- A31.** **Delete Specification Section 16231, paragraph 3.05 (A) Delivery.** The schedule options are as stated in the Invitation for Bid, **Section 00030, paragraph C.03: Completion of Work**: Bid “A” 220 calendar day completion and Bid “B” 280 calendar day completion.

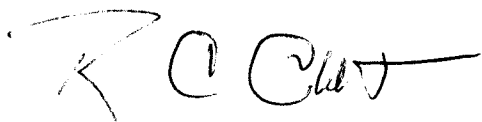
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END OF ADDENDUM NO. 1

Bids will be received at the **Manatee County Purchasing Division, 1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205** until **3:00 P.M. on April 8, 2009.**

Sincerely,

A handwritten signature in black ink, appearing to read "R C Cuthbert". The signature is stylized with a large, sweeping "R" and "C" followed by "Cuthbert" in a cursive script.

R. C. "Rob" Cuthbert, CPM, CPPO
Purchasing Division Manager