

# MANATEE COUNTY

April 2, 2009

TO: All Interested Bidders

SUBJECT: Invitation for Bid #09-0978-OV  
2008 Emergency Generators / Satellite Lift Stations  
Five (5) Sites: (Group A – 1, 2, 3, 4, and 6)  
(40-A, Lakewood Ranch Riverwalk, Greenbrook 2, Mote Ranch 1, 14-A)  
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 Utilities.

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.

### Specification Section 16231.

Paragraph 1.02A – Revise the Sizing of the Generator at Site 1, Lift Station 40-A, RTU 429 as follows:

**Revise to:** 2 submersible 230 Volt 15 HP Pumps

**(Was:** 2 submersible 230 volt 7.5 HP Pumps)

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

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**Specification Section 16231, (Continued)**

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.** Plan Sheet 3 of 6, 40A (RTU 429) – is the County going to relocate the 10 foot diameter tank or is this our responsibility?
- A2.** The Odor Control equipment will be relocated by the Odor Control Contractor prior to the GenSet Contractor arriving on site.
- Q3.** Plan Sheet 4 of 6, GreenBrooke 2 (RTU 620) – the note in the top left corner calls for approximately half of the slab to be removed. Is the County relocating these tanks, and providing a new slab to set them on?
- A3.** The Odor Control equipment will be relocated by the Odor Control Contractor prior to the Generator Set Contractor arriving on site. The successful GenSet Contractor shall be required to remove that part of the slab at Greenbrooke 2 (RTU 620), however, the successful GenSet Contractor shall not be required to pour a new slab for the tank.
- Q4. Section 01590, can the requirement for the onsite office be waived for the Engineers?**
- A4.** There is no requirement for a Contractor / Engineer’s office / trailer at the site.
- Q5.** 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?

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(5) Sites – Group A)

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- A5.** 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.
- Q6.** Site RTU 434: This site is without a fence, are we required to install one? If yes, what type of fence and what are the dimensions of the area to be fenced?
- A6.** At this time there is no fence required. Should the unit price (Bid Item No. 8) be competitive, we may have the contractor install a fence. Again, no fence required at this time, please bid Bid Item No. 8 as stated on Bid Form.
- Q7.** 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.
- A7.** Reference the pre-bid meeting held March 13, 2009, Concrete slabs are defined in specification section 16231, paragraph 2.07, Contractor to design.
- Q8.** There is no size for the fence gate shown.
- A8.** Fence Gate shall be 8' long by 6' high.
- Q9.** There are no conduit and wire schedule.
- A9.** Per **Specification Section 16231, paragraph 1.06**, submittals from the Contractor include wiring and piping diagrams.
- Q10.** Are there provisions in the control panel for a block heater and battery charger?
- A10.** 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.
- Q11.** Is there any enunciation between the generator and RTU?

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- A11.** The Contractor is required to provide the type of contacts as defined in the **Specification 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.
- Q12.** Are there some existing electrical drawings available?
- A12.** There are no existing electrical drawings available other than the “typical” wiring shown in the County Standards, details US 22 and US 23.
- Q13.** What kind of permanent fence is required (Chain link, PVC, Height)?
- A13.** 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.
- Q14.** Do the pump stations need to be fully enclosed?
- A14.** Not all sites are fenced. Currently, there is no requirement for the sites to be enclosed.
- Q15.** Looking at the plans for RTU #429, it states to relocate the tank but does not state where to relocate. I would also like to know what kind of tank it is.
- A15.** RTU 429 “note” states that the tank is to be moved. Reference Answer No. 3 stating that the Odor Control Contractor will move the tank prior to the commencement of the project.
- Q16.** Looking at RTU #620, it states a 6 ft. tank on the plans. What kind of tank is that?
- A16.** The tank(s) shown on RTU plan 620 are plastic, above ground, odor control chemical tanks.
- Q17.** Are we able to work all seven (7) sites at the same time or do we need to stagger the work?
- A17.** 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.
- Q18.** 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.
- A18.** Per the **Specifications, Section 16231, paragraph 2.04, 2. G, (Page 185)** states “fuel tank shall be full and topped off by the Contractor when it is accepted by the County”.

**Q19.** Will there be a pay item for each generator after they are delivered and fastened in place?

**A19.** 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.

**Q20.** What is the AMP for the main disconnect at each site?

**A20.**

Lift Station	RTU	Volts	Phase	Main Breaker
40-A	429	240	3	SD KAL36200
Lakewood Ranch Riverwalk	602	480	3	SD KAL36175
Greenbrooke 2	620	460	3	SD KAL36200
Mote Ranch 1	478	460	3	SD KAL36125
14-A	434	230	3	ITE FJ3B175

**Q21. Specification 01590** – Are a jobsite trailer, furniture and temporary electric “required” at each individual location for the Engineer’s use?

**A21.** Jobsite trailer, furniture, etc., are not required for this project.

**Q22.** Are there flood zone requirements that supersede the 2” above existing grade for FFE of general pad?

**A22.** 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.

**Q23.** 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?

**A23.** Per the bid form, the permit measure and pay definition is a lump sum per project.

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(5) Sites – Group A)

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- Q24.** 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?
- A24.** It is up to the Contractor to choose how best to distribute the OH & P as there is no specific line item address that.
- Q25.** Bid Form – Bid Form for RTU's 602 and 478 indicate a 75 KW generator. Per Kohler, they are bidding on a 100KW. Which shall we go by?
- A25.** **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.
- Q26.** Do projects that are not currently fenced require fencing?
- A26.** 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.
- Q27.& 28.** Lakewood Ranch Riverwalk Lift Station (RTU 602) – The proposed generator location would impair access to the transformer; will this be permitted or can the generator location be moved to the North side of the valve box?
- A27.& 28.** The location indicated is a general location. Lakewood Ranch Riverwalk site will be walked and the final generator pad site defined after the award. Because the size of the pad depends on the physical size of the equipment that the winning bid is based on, there exists the possibility that the final generator location on this site may vary slightly.
- Q29.** 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?
- A29.** 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.

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(5) Sites – Group A)

Addendum No. 1

**Q30.** Could I please request an electronic version of the bid forms?

**A30.** Bid Forms may be provided in PDF format only. Excel format is not permitted.

**Q31.** Mote Ranch (RTU 478) – Unit price calls for Standard County Galvanized Wire Fabric Fence per 10 ft. sections. However, the existing fence enclosure is vinyl fencing. Shall the unit price be for vinyl fencing in lieu of chain link? If so, which type of vinyl fencing? The solid vinyl at the lift station or the post / rail @ the frontage.

**A31.** It is not anticipated that there will be any new fencing work done at the Mote Ranch site.

**Q32.** If an estimated quantity is "0", is a unit price still required?

**A32.** See item 26 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.

**Q33.** If there are existing code violations, will we be required to upgrade any systems, conduit, wiring, etc., to meet code?

**A33.** This contract is for the installation of generators only. Installation must meet all codes.

**Q34.** 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?

**A34.** RTU ties in wires have no specific requirements: #16 stranded, in pairs. No color, shielding or other requirements.

**Q35.** Would it be acceptable to provide a wall mount transfer switch, in lieu of free-standing for Generators 20 – 50 KW?

**A35.** 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.

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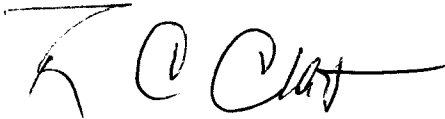
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- Q36.** The schedule options are for a 260 and a 300 day completion. However, **Specification Section 16231, paragraph 3.05 (A) Delivery**: states that installation is to be complete and system operational within 120 days of contract award? Can you provide clarification?
- A36.** **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" 260 calendar day completion and Bid "B" 300 calendar day completion.

**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 **2:00 P.M. on April 8, 2009.**

Sincerely,



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