

# MANATEE COUNTY FLORIDA

April 29, 2010

TO: All Interested Bidders

SUBJECT: **Invitation for Bid # 10-1382-DS**  
**2010 Lift Station Emergency Generators**  
**(Project No.'s 402.5124980, 402.5125280,**  
**402.5124580 ,402.5124181.402.5125080,**  
**402.5125180, 402.5124381, 402.5124380, 402.5124080)**

## **ADDENDUM # 2**

**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.**

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.

The deadline for clarification of questions was **April 26, 2010 at 2:00 PM.** This deadline had been established to maintain fair treatment of all potential bidders, while maintaining the expedited nature of the Economic Stimulus that the contracting of this work may achieve.

The responses to the submitted questions have been provided by Mr. John Armstrong, Project Engineer Manager, Public Works Department.

1. Attachment Memorandum from Mr. John Armstrong, Project Engineer Manager dated 4/28/2010 (6 pages)

Finance Management Department  
Mailing Address: Purchasing Division: 1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205  
PHONE: 941-708-7528 \* FAX: 941-708-7544  
[www.mymanatee.org](http://www.mymanatee.org)

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April 29, 2010

**Invitation for Bid # 10-1382-DS**

**2010 Lift Station Emergency Generators**

(Project No.'s 402.5124980, 402.5125280, 402.5124580, 402.5124181, 402.5125080, 402.5125180, 402.5124381, 402.5124380, 402.5124080)

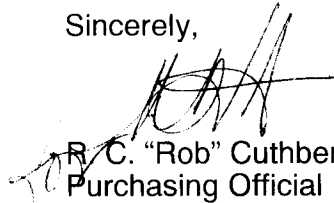
**ADDENDUM # 2**

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 # 2**

**The deadline for submitting sealed Bids at the Manatee County Purchasing Division, 1112 Manatee Avenue West, Suite 803, Bradenton, Florida 34205 is until 3:00 P.M. on May 10, 2010.**

Sincerely,



R. C. "Rob" Cuthbert, CPM, CPPO  
Purchasing Official

/ds

Attachment (6 sheets)

Finance Management Department  
Mailing Address: Purchasing Division: 1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205  
PHONE: 941-708-7528 \* FAX: 941-708-7544  
[www.mymanatee.org](http://www.mymanatee.org)

# MEMORANDUM



PUBLIC WORKS DEPT.  
Infrastructure Engineering Division  
1022 26<sup>th</sup> Avenue East  
Bradenton FL 34208

MANATEE COUNTY  
FLORIDA

Phone: 941.708.7450  
Fax: 941.708.7415  
[www.myanatee.org](http://www.myanatee.org)

To: Sal Bordonaro, Project Manager  
From: John Armstrong, Project Engineer Manager *J*  
Date: April 28, 2010  
Subject: 2010 Emergency LS Generators Response to Bidders Questions  
and Revisions to the Specifications, IFB# 10-1382-DS  
Project Nos.: 402.5124980, 402.5125280, 402.5124580, 402.5124181, 402.5125080,  
402.5125180, 402.5124381, 402.5124380, & 402.5124080

Responses to bidder questions regarding this project are as follows:

- Question:** Clarify inspection of sites; are they mandatory or will noting on the bid form be sufficient?

**Answer:** Site visits of all nine (9) lift station sites are mandatory. The Bid Form (Page 00300-1) was revised to include signature and date requirement for acknowledging that a site visit occurred at all nine (9) lift station sites. Two lift station sites require County assistance with access. The bidder shall contact Mr. Jim Marble, Lift Station Superintendent, @ 755-1853, ext. 5277 prior to the bidder visiting the University Place lift station site and the Linger Lodge #14 lift station site. Mr. Marble will make these two (2) sites accessible to the bidders at the times that individual bidders prefer to visit the sites.
- Question:** Page 7 of 189 Subpart D; will coal tar epoxy be required on generators/fuel storage tanks coming in contact with concrete and will generators/fuel storage tanks coming in contact with concrete be required to be installed in a bed in non-shrink grout?

**Answer:** Yes, please refer to the last two paragraphs of Subpart 1.03.D on Page 7 of 189 of the specifications.
- Question:** Will the Contractor be required to obtain a tree removal permit for the Tara 3 Lift Station (RTU 348)?

**Answer:** No, Sheet No. 3 of the construction drawings states "existing vegetation to be removed by others". The tree to be removed at the Tara 3 Lift Station is to be removed by the Utilities Department staff or their designee. Removal of the aforementioned vegetation/trees is not in the 2010 Emergency LS Generator contract for the Tara 3 Lift Station.
- Question:** Page 47 of 189; is a PDF submittal acceptable?

**Answer:** Yes, submittal of portable document format (PDF) shop drawing is acceptable. This may be submitted on a disc (CD) or be submitted via e-mail as long as the e-mail document does not exceed 50,000 Kbytes.
- Question:** Can the selected bidder obtain an electronic copy of the construction drawings in AutoCAD format.
- Answer:** Yes, the County will provide the selected bidder/contractor, which is awarded the contract, an electronic copy of the construction drawings in AutoCAD format.

7. **Question:** Page 179 of 189 and page 180 of 189; what is Pantone Green 5545 C and is it required?

**Answer:** Pantone Green 5545 C is a standardized shade of green. Pantone standardized colors are used by various paint manufacturers.

The shade of green can be found at website <http://www.pantone.com/pages/pantone/colorfinder.aspx> .

Pantone Green 5545 C coating shall be used for the emergency generator enclosures and the fuel tanks. This enclosure shall be steel or aluminum. If another proposed material for this enclosure and tank of similar strength and durability is approved, the coating may not be required. The color of the fuel tank shall match the generator enclosure. If an alternate material is approved for this enclosure, the emergency generator enclosures and fuel tanks at the Tara 3 LS, LS 16-D, River Club 2 and River Club 1 lift stations shall still be Pantone Green 5545 C, due to specifics of these four sites. Please refer to Subpart 2.03 A. 2 on page 179 of the specifications, Subpart 2.04.2.A.A.10 on page 180 of the specifications and Sheet 3 of the construction drawings.

8. **Question:** Page 182 Subpart 205 (B) Painted or Stainless Steel; clarify what to use.

**Answer:** The automatic transfer switches enclosures at the at the Tara 3 LS, LS 16-D, River Club 2 and River Club 1 lift stations shall be painted Pantone Green 5545 C due the locations of these sites. The transfer switch enclosures at all other lift station sites have the following options:

- a. Steel transfer switch enclosure that is painted Pantone Green 5545 C;
- b. Stainless steel transfer switch enclosure that is not painted;
- c. Transfer switch enclosure of other approved material that is not painted; or
- d. Transfer switch enclosure of other approved material that is painted Pantone Green 5545 C.

Please refer to Subpart 2.05.B on page 182 of the specifications and Sheet No. 3 of the construction drawings.

9. **Question:** Page 182 of 189; are the transfer switches to include a manual type bypass switch, or to be a non-bypass automatic transfer switch?

**Answer:** The automatic transfer switches for all nine (9) lift stations shall be a non-bypass automatic transfer switch. Subpart 2.05.D.1 on page 182 of 189 states that a manual type bypass switch is not required for existing lift station sites that have site constraints, if noted on the construction drawings to provide a non-bypass automatic transfer switch. Sheet 3 of the construction drawings indicates that all nine (9) lift stations shall be provided with a non-bypass automatic transfer switch.

10. **Question:** Page 172 of 189; the specified current main breaker SD Q0U3100 for RTU 211 is incorrect and a different main breaker with lower amperes is actually installed.

**Answer:** Main breaker SD Q0U3100 was recently installed at Lift Station 16-D (RTU 211) as specified in Subpart 1.02.B on page 172 of 189 of the specifications and on sheet 3 of the construction drawings.

11. **Question:** Will Tradewinds Power Generators with John Deere or Perkins engines be considered?

**Answer:** Yes, Tradewinds Generators with John Deere or Perkins engines will be considered if the manufacturer/generator meets or exceeds all the specifications. Please refer to Section 16231 on pages 172 through 186 of the specifications.

12. **Question:** Will generator sets supplied by Cummins be considered?

**Answer:** No, generator sets supplied by Cummins, Cummins Power Generation, and Cummins Onan will not be considered.

13. **Question:** Will there be any surplus emergency generators removed or replaced on this project?

14. **Answer:** No, there will not be any surplus emergency generators removed or replaced on this project.

15. **Question:** For the natural gas operated generators there is a note on the drawing for each station that says, "Contractor shall install natural gas service from proposed generator to natural gas meter/ball valve provided by TECO." My understanding is that these lines are not there and that the contractor is to coordinate and pay for this service by TECO under the contract, correct?

**Answer:** No, the contractor is not required to pay for this service by TECO as Manatee County has entered into an agreement with TECO to have natural gas provided at the lift station sites identified in the drawings and specifications. A TECO representative has indicated that the natural gas service lines have been installed at all of the lift station sites that are proposed to include the installation of natural gas emergency generators. TECO will install the gas meter when either the Contractor or Manatee County notifies TECO that the generator is on the site.

16. **Question:** Is there a foundation design for the nine generator pads and ATS enclosure pads? We need to know the pad footprint and slab thickness for each of the nine lift station locations.

**Answer:** No, determining the specific sizes of the pads is part of the contract. Please refer to Subpart 2.07 "FOUNDATION" on page 184 of the specifications. Subpart 2.07.A on page 184 of the specifications states that signed and sealed drawings shall be provided to Manatee County as defined in section 1.06, "Submittals".

17. **Question:** What is the distance from the existing three natural gas meters to the connection point on each of the three natural gas generators?

**Answer:** The natural gas services were installed by TECO after the construction drawings and specifications were prepared. The gas services may be observed at the lift station sites as a gray riser pipe that is currently sticking out of the ground and has a tracer wire wrapped around pipe. Please refer to the response to question No. 15.

18. **Question:** The contractor is responsible for pulling the permits on this project. What are the costs associated with permits at each of the nine lift station sites?

**Answer:** Sheet 2 of the construction drawings identifies some permits that are exempt from being obtained for this project. However, a permit is required from the Building Department for the generator set at each lift station site.

The fee for the Building Department permit would vary depending upon whether a General Contractor or an Electrical Contractor applies for the permit. Subpart B.03 on page 00020-2 of Section 00020 (Basis of Award) states that the minimum license requirement for this project is a General Contractor or an Electrical Contractor.

If a General Contractor applies for the permit, the Building Department runs it as a concrete permit and the total fee associated with this permit is \$625.00 for each site with a breakdown as follows:

\$125.00 for the permit;  
\$50.00 for zoning review;  
\$75.00 for Certificate of Completion; and  
\$75.00 for each inspection (x5).  
Total \$625.00 for each site.

The total fees associated with the Building Department permits for all nine (9) lift station sites is \$5,625.00 if a General Contractor pulls the permit.

If an Electrical Contractor applies for the permit, the Building Department runs it as an electrical permit and the total fee associated with this permit is \$450.00 for each site with a breakdown as follows:

\$75.00 for the permit (includes one inspection)  
\$75.00 for zoning review;  
\$75.00 for each additional inspection (x4).  
Total \$450.00 for each site.

The total fees associated with the Building Department permits for all nine (9) lift station sites is \$4,050.00 if an Electrical Contractor pulls the permit.

19. **Question:** Can the permit costs be written into the bid form just as the discretionary work allowance is?

**Answer:** Permit fees are part of the work for the complete acquisition of permits in Bid Item 6, Permits. See response to question No. 18.

20. **Question:** There is a fencing spec. Does this project require any new fencing?

**Answer:** No, the project does not require any fencing; unless the contractor decides it is necessary to remove and install a fence in order to install the emergency generator set.

21. **Question:** There is a landscape spec. Does this project require any new landscaping other than seed or sod?

**Answer:** The only landscaping included in this project is to restore landscaping to its original condition which includes seed or sod. The contractor is not responsible for removing shrubs and trees that are specifically noted on Sheet No. 3 of the construction drawings for the existing vegetation to be removed by others, or noted to be removed and replaced by others. However, should the contractor decide to remove shrubs and trees not noted on the construction drawings to be removed, or removed and replaced by others, the contractor shall restore the shrubs and trees to their original condition.

22. **Question:** There is an extensive paint spec. Does this project require any painting other than the generators themselves?

**Answer:** No, this project does not require any painting other than the generator sets themselves.

23. **Question:** Are project identification signs required at each of the nine lift station sites?

**Answer:** Yes, project identification signs are required at each of the nine lift station sites.

24. **Question:** Will the engineer require a field office for this project?

**Answer:** No, a field office is not required for this project

25. **Question:** Please confirm that all the fuel tanks are to be full upon completion of this project.

**Answer:** Yes, all of the fuel tanks are to be full upon completion of this project. Please refer to Subpart 2.04.2.A.F on page 181 of 189 of the specifications.

26. **Question:** Will generators manufactured by Lightning Power Electric Industry be considered?

**Answer:** Yes, generators manufactured by Lightning Power Electric Industry will be considered if the manufacturer/generator meets or exceeds all the specifications. Please refer to Section 16231 on pages 172 through 186 of the specifications.

**Revisions to the specifications are as follows:**

**SPECIFICATIONS:**

**SECTION 16231 - EMERGENCY GENERATOR SET:**

1. Page 175 of 189, Subpart 1.05.A:

DELETE THE FOLLOWING:

1.05 SUPPLIER

- A. The complete package - engine, generator, automatic transfer switch and other auxiliary components specified in this section shall be provided from a single manufacturer, except for the fuel tank (if required). The supplier shall be the manufacturer's authorized distributor who shall maintain a service center capable of emergency maintenance and repairs with a maximum of four hours response time. The supplier shall have 24 hour/365 days per year service availability and factory trained service technicians authorized and capable to perform warranty service on all warrantable products.

REPLACE WITH:

1.05 SUPPLIER

- A. The complete package - engine, generator, automatic transfer switch and other auxiliary components specified in this section shall be provided from a single manufacturer, except for the fuel tank (if required). The supplier shall be the manufacturer's authorized distributor who shall maintain a service center capable of emergency maintenance and repairs with a maximum of four hours response time. The supplier shall be the manufacturer's authorized distributor who has a proven track record of providing emergency maintenance and repairs with a maximum of four hours response time. The supplier shall have 24 hour/365 days per year service availability and factory trained service technicians authorized and capable to perform warranty service on all warrantable products.

**SECTION 01580 - PROJECT IDENTIFICATION AND SIGNS:**

1. Page 60 of 189, Subpart 1.02.A

DELETE THE FOLLOWING:

1.02 PROJECT IDENTIFICATION SIGN (COUNTY)

- A. One painted sign to include:
1. Title of Project.
  2. Name of Owner.
  3. Names and titles of authorities as directed by County.
  4. Prime Contractor.

Sal Bordonaro, Project Manager  
2010 Emergency LS Generators Response to Bidders Questions  
April 28, 2010

REPLACE WITH:

1.02 PROJECT IDENTIFICATION SIGN (COUNTY)

A. One painted sign at each of the nine (9) lift station sites, for a total of nine (9) signs, with each sign of not less than 32 square feet (3 square meters) area, with painted graphic content to include:

1. Title of Project.
2. Name of Owner.
3. Names and titles of authorities as directed by Owner.
4. Prime Contractor.

Please let me know if you need further clarification or information regarding this project.

cc: Donna Stevens, Construction Buyer  
Jim Marble, Lift Station Superintendent