



MANATEE COUNTY

December 16, 2013

TO: All Interested Bidders:

SUBJECT: Invitation for Bid #13-2585-OV
Manatee County Administration Building,
Electrical Revisions

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 December 10, 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:

The Plan holders list and Engineer's Estimate is a result of a public request dated December 10, 2013.

Plan holders list attached (3) total pages.

Engineer's Estimate: \$150,000.00.

Revised Section 01105 – Measurement and Payment attached (4) total pages.

Revised Bid Forms, Addendum #1 – Add items 13 and 14 attached (2) total pages.

Note #2: Response to Contractors Questions and Comments through December 10, 2013.

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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Question 1:

As an electrical contractor we are not used to doing wall installation, asphalt, or concrete work; what options do we have?

Response 1:

The invited Electrical contractors should obtain the services of other trades which are necessary to complete the scope of work. The electrical contractor shall provide a contractor to oversee the demolition of the wood wall, installation of the new metal stud wall, installation of gypsum board, new painting, patching, repairing, excavation, concrete work, asphalt work, etc.

Question 2:

What is located between the electrical room and adjacent server room?

Response 2:

The space between the electrical room and the adjacent server room is not occupied.

Question 3:

What are the working hours? Can we work during normal business hours?

Response 3:

The Contractor may work in the building during normal business hours provided that they have permission from the County and that the work does not disrupt the electrical power between 7:00 AM to 5:00 PM.

Question 4:

Can we use the generator and UPS system to power the computer system while we are working on it?

Response 4:

There are two data hubs in the building with UPS backups and generator power; however, the Contractor must coordinate with the County's IT department on any potential disruption of electrical service.

Question 5:

Is it possible to use the existing on site generator?

Response 5:

With permission from the County, it is a possibility that the Contractor may use the existing on site generator however, at the Contractor's risk.

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Question 6:

Can we re-use the door and hardware for the electrical room?

Response 6:

The existing door and hardware in wall to be removed is only 6 months old and can be reused and reinstalled in new wall. The Contractor is responsible for protection, storage and the reinstallation of the door in good working order.

Question 7:

Where should we include the fees for the Electrical Utility (FP&L)?

Response 7:

The fees for FP&L shall be included in Bid Item #6.

Question 8:

Which bid item should the wall construction fees included?

Response 8:

The wall construction is included in Bid Item #10.

Question 9:

Which bid item should excavation/concrete/asphalt work and miscellaneous repairs be under?

Response 9:

Bid Item #13 has been added for excavation/concrete/asphalt work and miscellaneous repairs.

Question 10:

With the building being occupied and the limited times available for power disruptions, and with the possibility of a crucial portion of the work being completed by a different contractor, there is concern of not having control of others work and methods.

Could the new MTS and ATS be provided with this phase of work?

This would also allow for better coordination with routing of conduits for all new raceways and feeders.

Response 10:

The MTS and ATS may be included in this phase of work depending upon the cost. Bid Item #14 has been added as a separate line item (Alternate 1) for the MTS, ATS, and associated work.

Question 11:

Since the MTS and ATS are both noted to be Service Entrance Rated, the new MSB and or the ATS is not required(per NEC) to have a Main Breaker. Could the new MSB be a main lug only switchboard, and ATS not be service entrance rated?

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Response 11:

The MSB can be a main lug only switchboard. The ATS is required to be load rated with breakers.

Question 12:

Also due to the limited power change over periods it is highly likely that the new FPL 480V transformer will need to be in place and energized to allow the new MSB and 300kVA transformer to be powered, prior to removing the existing DP and other 120/208V panels. Should this FP&L cost be a separate line item?

Response 12:

No, it is part of Bid Item #6.

Question 13:

If the above items are not taken as suggested then that also leads to:

Which phase will the feeders be installed for:

1. From the new FP&L transformer to the MTS?
2. From MTS to ATS?
3. From the ATS to the MSB?

Response 13:

See response 10. If the option is not accepted for the installation and purchase of the MTS and ATS then the MSB should have a main breaker and be directly fed from the transformer. Contractor shall identify locations and place conduits with pull strings from the MTS to the ATS.

It is highly recommended to perform a site visit and take a thorough look at all the electrical systems. The lights and wall receptacles have been re-wired to a point (junction box in the ceiling). The rewiring shall be considered from the junction box back to the panel. The replacement of the panels, identification of circuits, panel labeling, and schedule creation are required.

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 20, 2013 until 3:00 PM.**

Sincerely



Melissa M. Wendel, CPPO, Purchasing Official
Manatee County Purchasing Division
/OV (9 total pages attached)

IFB #13-2585-OV

Manatee County Utilities Administration Building, Electrical Renovations

IFB Sent to:

Slentz Electric
Attn: Mr. George Perry
1202 Gary Avenue
Ellenton, FL 34222
License No. EC13002687
Ph: 941-722-9227
Fx: 722-3318
(Email: GeorgePerry2@Gmail.com)

Bay Area Electric, Inc.
Attn: Jeff M. Kiner, Vice President
6244 Clark Center Avenue, Unit #2
Sarasota, FL 34238
License No. EC0001556
Ph: 941-921-9067
Fx: 941-921-9066
Cell: 941-809-0474
(Email: jeff@bayareaelectricfl.com)

Windemuller Technical Services, Inc. (VC No. 976503)
7504 Pennsylvania Avenue
Sarasota, FL 34243
Ph: 941-355-8822
(email: tonyl@windemuller.com)

Southern Lights Electric Contractors, Inc. (VC No. 016951)
1615 30th Avenue East
Bradenton, FL 34208
Ph: 941-737-2614
(Email: southernlightselectric@Gmail.com)

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Soltech Energies, LLC (VC No. V018266)
6810 38th Avenue East
Bradenton, FL 34208
Ph: 941-209-5909
(Email: mike.bixby@soltechenergies.com)

Multiband Engineering & Wireless Southeast, Inc.
2017 Cattlemen Road
Attn: Tony Ankersmit
Sarasota, FL 34232 (Wendy)
Phone: 941-378-0080
(Email: tony.ankersmit@multibandusa.com)

Florida Power Solutions, Inc.
4381 Independence Court
Sarasota, FL 34234
Ph: 941-359-3064
Fx: 941-359-2137
(Email: EricB@FLpowersolutions.com)

Himes Electric Company, Inc., of Lutz, FL
1040 Land O Lakes Boulevard
(Mike)
Lutz, FL 33549
Ph: 813-909-1927
(Email: mike@himes.com)

Electrical Engineering Enterprises, Inc.
5316 E. Henry Avenue
Attn: Kent E. Clearwaters, Client Manager
Tampa, FL 33610
Ph: 813-740-9601
(Email: clearwaters@electeng.com)

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Goodson Electric, Inc.
620 17th Street West
Palmetto, FL 34221
Phone: 941-729-5633
(Email: judyward@goodsonelectric.com)

SECTION 01105 -MEASUREMENT AND PAYMENT

PART 1 – GENERAL

1.01 SUMMARY

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Section includes administrative and procedural requirements for measurement and payment. Contractor shall prepare invoice payment request matching items and totals to be outlined in a detailed Schedule of Values, to be submitted prior to commencement of work. Schedule of Values shall include detailed breakdown of Contractor efforts, outlining work required for each item of the Bid Form, itemized by discipline of work, major pieces of equipment, work items, subcontractor work, quantities, etc.

B. Related Sections:

1. Division 01 Section "Summary" for Phased requirements of work to be completed, and construction timelines.

B. The scope of this section of the Contract Documents is to further define the items included in each Bid Item in the Bid Form section of the Contract Documents. Payment will be made based on the specified items included in the description in this section for each bid item.

C. All contract prices included in the Bid Form section will be full compensation for all required work, identified or not, required, including but not limited to shop drawings, working drawings, labor, materials, tools, equipment, incidentals and mobilization necessary to complete the requirements of this project, as shown on the Drawings and Specifications in the Contract Documents. Actual quantities of each item bid on a unit price basis will be determined upon completion of the construction in the manner set up for each item in this section of the Specifications. Payment for all items listed in the Bid Form will constitute full compensation for all work required to render a complete product, specified to be performed under this Contract. Contractor shall itemize each Bid Form Item in a detailed Schedule of Values, to include estimated and measured values.

1.3 BID FORM ITEMS

A. Item 1 – Rewiring of the existing receptacles to the new panels

1. Measurement and payment for this Bid Item shall include full compensation for all required work included to complete this portion of this project, rendering a complete and operable system. All overhead required for this portion of this project shall be included, and indicated in itemized breakdown.

Payment for all work included under this Bid Item shall represent full compensation in accordance with the lump sum price bid for the work required. All work covered for Item is included in Sheet E1.0 and E4.0.

B. Item 2 – Rewiring of the existing lights to the new panels

1. Measurement and payment for this Bid Item shall include full compensation for all required work included to complete this portion of this project, rendering a complete and operable system. All overhead required for this portion of this project shall be included, and indicated in itemized breakdown. Payment for all work included under this Bid Item shall represent full compensation in accordance with the lump sum price bid for the work required. All work covered for Item is included in Sheets E1.0 and E4.1.

C. Item 3 – Rewiring of the existing motors, pumps, HVAC equipment, chiller, and other equipment to the new panels and switchgear as required.

1. Measurement and payment for this Bid Item shall include full compensation for all required work included to complete this portion of this project, rendering a complete and operable system. All overhead required for this portion of this project shall be included, and indicated in itemized breakdown. Payment for all work included under this Bid Item shall represent full compensation in accordance with the lump sum price bid for the work required. All work covered for Item is included in Sheets E1.0, E4.0, E5.0, E5.1, E5.2, and E6.1.

D. Item 4 – Provision and installation of new panels, breakers, and conduits

1. Measurement and payment for this Bid Item shall include full compensation for all required work included to complete this portion of this project, rendering a complete and operable system. All overhead required for this portion of this project shall be included, and indicated in itemized breakdown. Payment for all work included under this Bid Item shall represent full compensation in accordance with the lump sum price bid for the work required. All work covered for Item is included in Sheets E1.0, E4.0, E5.0, and E6.1.

E. Item 5 – Provision and installation of new electrical switchgear

1. Measurement and payment for this Bid Item shall include full compensation for all required work included to complete this portion of this project, rendering a complete and operable system. All overhead required for this portion of this project shall be included, and indicated in itemized breakdown. Payment for all work included under this Bid Item shall represent full compensation in accordance with the lump sum price bid for the work required. All work covered for Item is included in Sheets E1.0, E2.0, E4.0, E5.0, and E6.1.

F. Item 6 – Coordination, provision, and installation of new electrical service from FP&L

1. Measurement and payment for this Bid Item shall include full compensation for all required work included to complete this portion of this project,

rendering a complete and operable system. All overhead required for this portion of this project shall included, and indicated in itemized breakdown. Payment for all work included under this Bid Item shall represent full compensation in accordance with the lump sum price bid for the work required. All work covered for Item is included in Sheets E1.0, E2.0, and E5.0.

G. Item 7 – Installation and provision of a new drop down transformer for the facility

1. Measurement and payment for this Bid Item shall include full compensation for all required work included to complete this portion of this project, rendering a complete and operable system. All overhead required for this portion of this project shall included, and indicated in itemized breakdown. Payment for all work included under this Bid Item shall represent full compensation in accordance with the lump sum price bid for the work required. All work covered for Item is included in Sheets E1.0, E4.0, and E5.0.

H. Item 8 – Properly labeling of all circuits and panels and providing a type written schedule for each panel.

1. Measurement and payment for this Bid Item shall include full compensation for all required work included to complete this portion of this project, rendering a complete and operable system. All overhead required for this portion of this project shall included, and indicated in itemized breakdown. Payment for all work included under this Bid Item shall represent full compensation in accordance with the lump sum price bid for the work required. All work covered for Item is included in Sheets E1.0, E5.2, and E5.0

I. Item 9 – Demolition of Electrical Items

1. Measurement and payment for this Bid Item shall include full compensation for all required work included to complete this portion of this project, rendering a complete removal of items. All overhead required for this portion of this project shall included, and indicated in itemized breakdown. Payment for all work included under this Bid Item shall represent full compensation in accordance with the lump sum price bid for the work required. All work covered for Item is included in Sheets E1.0, E3.0, E3.1 and E5.1

J. Item 10 – New Wall Installation in Electrical Room

1. Measurement and payment for this Bid Item shall include full compensation for all required work included to complete this portion of this project, rendering a complete and operable system. All overhead required for this portion of this project shall included, and indicated in itemized breakdown. Payment for all work included under this Bid Item shall represent full compensation in accordance with the lump sum price bid for the work required. All work covered for Item is included in Sheets E4.2.

K. Item 11 – Provision of As-Built Electrical Plans to the Owner's Representative

1. Provide as-built plans to the Owner's Representative after the final completion of the project. Base plans in CAD format will be provided for the project.

L. Item 12 – Mobilization

1.Measurement and payment for this Bid Item shall include full compensation for all required work included to complete this portion of this project, rendering a complete movement of supplies and equipment to start the project. All overhead required for this portion of this project shall included, and indicated in itemized breakdown. Payment for all work included under this Bid Item shall represent full compensation in accordance with the lump sum price bid for the work required.

M. Item 13 – Excavation/concrete/asphalt work and miscellaneous repairs

1.Measurement and payment for this Bid Item shall include full compensation for all required work included to complete this portion of this project, rendering a complete movement of supplies and equipment to start the project. All overhead required for this portion of this project shall included, and indicated in itemized breakdown. Payment for all work included under this Bid Item shall represent full compensation in accordance with the lump sum price bid for the work required.

N. Item 14 – MTS, ATS, and associated work (Alternate #1)

1.Measurement and payment for this Bid Item shall include full compensation for all required work included to complete this portion of this project, rendering a complete movement of supplies and equipment to start the project. All overhead required for this portion of this project shall included, and indicated in itemized breakdown. Payment for all work included under this Bid Item shall represent full compensation in accordance with the lump sum price bid for the work required. This is an optional item for the owner.

1.4 SUBMITTALS

A. Submit three copies of each item request for consideration.

1. Schedule of Values:

a. Schedule of Values shall be submitted for Owner and Engineer review prior to commencement of Work. Schedule shall itemize work for each Bid Form item.

2. Request for Payment:

a. Request for Payment shall indicate each item on the approved Schedule of Values. A percentage of completion for each line item for the Schedule of Values shall be the basis for payment request.

PART 2 – PRODUCTS

NOT USED

Bid Form
SECTION 00300 (Addendum #1) 12.16.2013

For: Manatee County Utility Department Administration Building Electrical
4410 66th St. W., Bradenton, FL 34210

Bid Based on 120 Calendar Day Completion- Base Bid

Bid Item	Bid Item Description	U/M	Extended Total
1	Rewiring of the existing receptacles to the new panels. See sheets E1.0 and E4.0.	1LS	\$
2	Rewiring of the existing lights to the new panels. See sheets E1.0 and E4.1.	1LS	\$
3	Rewiring of the existing motors, pumps, HVAC equipment, chiller, and other equipment to the new panels and switchgear as required. See sheets E1.0, E4.0, E5.0, E5.1, E5.2, and E6.1.	1 LS	\$
4	Provision and installation of new panels, breakers, and conduits. See sheets E1.0, E4.0, E5.0, and E5.2.	1LS	\$
5	Provision and installation of new electrical switchgear. See sheets E1.0, E4.0, E5.0 and E6.1.	1 LS	\$
6	Coordination, provision, and installation of new electrical service with FP&L. See sheets E1.0, E2.0, and E5.0.	1 LS	\$
7	Installation of a new drop down transformer for the facility. See sheets E1.0, E4.0, and E5.0.	1 LS	\$
8	Properly labeling of all circuits and panels and providing a type written panel schedule for each panel. See sheets E1.0, E5.2, and E5.0.	1 LS	\$
9	Demolition of Electrical Items See sheet E1.0, E3.0, E3.1, and E5.1.	1 LS	\$

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10	New Wall Installation in Electrical Room. See sheet E4.2.	1 LS	\$
11	Provision of As-Built Electrical Plans to the Owner's Representative.	1 LS	\$
12	Mobilization	1 LS	\$
13	Excavation, concrete work, asphalt work, Miscellaneous repair work. (Addendum #1. 12.16.2013)	1 LS	\$
	DISCRETIONARY FUNDS		\$10,000.00
	BASE BID TOTAL:		
	Alternate #1		
14	Provision and installation of new MTS and ATS and associated work. (Addendum #1.12.16.2013).	1 LS	\$
	Base Bid plus Alternate #1 Total:		\$

The Bidder certifies that a complete project review of all requirements has been performed and is included in the Price provided above.

Bidder: _____ Date: _____

Authorized Signature: _____