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## Solicitation Addendum

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**Addendum No.:** 4  
**Solicitation No.:** 19-TA003016AJ  
**Project No.:** 6042370  
**Solicitation Title:** LAKE MANATEE WTP SCADA SYSTEM REPLACEMENT  
**Addendum Date:** August 6, 2019  
**Procurement Contact:** Abigail Jenkins

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**IFBC NO.19-TA003016AJ IS AMENDED AS SET FORTH HEREIN. RESPONSES TO QUESTIONS POSED BY PROSPECTIVE BIDDERS ARE PROVIDED BELOW. THIS ADDENDUM IS HEREBY INCORPORATED IN AND MADE A PART OF IFBC NO. 19-TA003016AJ.**

**ADD:**  
**BID ATTACHMENT 4, FCC RADIO TOWER HEIGHT(S).**

The attached Bid Attachment 4, FCC Radio Tower Height(s), is hereby incorporated into the IFBC.

**CHANGE TO:**  
**APPENDIX F, PG 32, MINIMUM QUALIFICATIONS, ITEM 7.**

Bidder's ICSC contractor has successfully completed installation for three (3) projects in a water or wastewater system with a total project cost of at least \$1.5M. Each project must have included all of the following components: (i) system engineering, (ii) system fabrication and installation, (iii) documentation (including schematic, wiring and panel assembly drawings), (iv) software configuration and documentation, (v) field testing, (vi) calibration and process start-up, (vii) operator instruction, and (viii) maintenance training.

**Provide the following information for the ICSC subcontractor and the qualifying project.**

- a) Name of client**
- b) Location (City/State)**
- c) Client contact name**
- d) Contact phone**
- e) Contact email**
- f) Name of Project**
- g) Project Budget**
- h) Design Criteria for a SCADA system**
- i) Construction dates (Start/End)**

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**QUESTIONS AND RESPONSES:**

**Q1. Per the minimum requirements a company must have performed at least three (3) projects with a cost of \$2.5M., it does not list a time frame or a geographical area within which they were performed. There have been very few I&C projects with a cost of \$2.5M in the state of Florida over the last 10 years. We are requesting that this requirement be changed to \$1.5M which there have many more of and have a geographical range of the SE United States or maybe limited to Florida.**

R1. Appendix F, Minimum Qualifications, Item 7 has been revised per this Addendum 4.

**Q2. Please confirm that this project is not required to utilize the prevailing wage laws for payment of field construction labor?**

R2. Confirmed.

**Q3. Drawing 01E03 sh 6 of 84 specifies the construction of a fiber optic cable and race way system from the control room to the existing raw water pump station RTU -18. Please confirm that the indicated duct bank installation indicated is the "IWI concrete encased Duct bank" as indicated on Dwg 01e31 sh27 of84**

R3. The duct bank details located on drawing 01E31 are typical details. It is the bidder's responsibility to select the adequate duct bank detail for their respective bid.

**Q4. Please indicate the restoration required for the disturbed roadway and other disturbed surfaces not considered roadway.**

R4. Refer to specification section 02952 3.01 for roadway and other disturbed surfaces restoration requirements.

**Q5. Please indicate the construction of the existing roadway if restoration to original is required.**

R5. Refer to specification section 02952 3.01 for roadway restoration requirements.

**Q6. Please confirm the following existing Tower heights**

- a) RTU -15, Hospital booster station
- b) RTU-17, Elwood park #2
- c) RTU-21, Rain Gage #1
- d) RTU-23, Rain Gage #3
- e) RTU-24, Rain Gage #4
- f) RTU-26, Rain Gage #6
- g) RTU-27, Rain Gage #7
- h) RTU-28, Rain Gage #8
- i) RTU-31, Cortez ground storage and booster
- j) RTU-46, North west ground storage
- k) RTU-S2 Rye Bridge -conductivity monitor

R6. Please see Bid Attachment 4, FCC Radio Tower Height(s), issued with this Addendum No. 4 for the tower heights (highlighted column), that is based on the County's FCC licenses and includes a link to FCC webpage. RTU-31 Cortez ground storage and booster, and RTU-46 North west ground storage both use Verizon modem.

**Q7. Confirm that the Factory Acceptance Test shall consist of physical I/O test as opposed to a combination I/O test and a functional simulation of the process narrative.**

R7. Refer to specification section 17950 2.11 for all FAT specifications. This includes all tests and simulation required.

**Q8. In the event the simulation is required, how will the operational program be administered by the county's program staff and will the programmer be present at the test site.**

R8. Refer to specification section 17950 1.05.C for reference of consultation and cooperation with all applicable subcontractors. This includes the programmer contracted by the county.

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NOTE: Items that are ~~struck through~~ are deleted. Items that are underlined have been added or changed. All other terms and conditions remain as stated in the IFBC.

**End of Addendum**

**INSTRUCTIONS:**

Receipt of this addendum must be acknowledged as instructed in the solicitation document. Failure to acknowledge receipt of this Addendum may result in the response being deemed non-responsive.

AUTHORIZED FOR RELEASE: \_\_\_\_\_

BID ATTACHMENT 4  
FCC RADIO TOWER HEIGHT(S)

IFBC NO. 19-TA003016AJ  
ADDENDUM NO. 4

[FCC](#)

FRN # 4203022  
460.025 MHz

Callsign	Loc No.	RTU #	Name	Emission Designator	Output Power (watts)	ERP (watts)	Antenna HT./ Tp meters	AMSL	Antenna AAT meters
WQLX500	1	42	EAST COUNTY WELL #2	9K30F1D	25.000	75.000	16.0	114.8	102.8
	2	41	EAST COUNTY WELL #1 <-- R.G. #5	9K30F1D	25.000	75.000	16.0	118.1	105.6
	3	21	RAIN GAUGE #1	9K30F1D	25.000	75.000	5.0	52.5	44.2
	4	10	INSTRUMENTATION SHOP, TEST BENCH	9K30F1D	25.000	75.000	6.0	55.8	48.7
	5	11	59TH STREET ELEVATED TANK	9K30F1D	25.000	75.000	40.0	19.7	57.7
	6		WTP ELEVATED TANK	9K30F1D	25.000	75.000	53.0	52.5	92.8
WQLX502	1	53	ASR WELLS	9K30F1D	25.000	75.000	5.0	55.8	47.5
	2	56	EAST COUNTY WELL #6	9K30F1D	25.000	75.000	16.0	98.4	87.2
	3	57	EAST COUNTY WELL #7	9K30F1D	25.000	75.000	16.0	95.1	84.6
	4	45	EAST COUNTY WELL #5	9K30F1D	25.000	75.000	16.0	111.6	100.3
	5	44	EAST COUNTY WELL #4	9K30F1D	25.000	75.000	16.0	108.3	96.1
	6	43	EAST COUNTY WELL #3	9K30F1D	25.000	75.000	16.0	118.1	105.4
WQLX504	1	12	NORHT WEST ELEVATED TANK	9K30F1D	25.000	75.000	54.0	23.0	75.7
	2	13	PALMETTO ELEVATED TANK	9K30F1D	25.000	75.000	55.0	16.4	68.6
	3	14	SARASOTA METER STATION	9K30F1D	25.000	75.000	5.0	32.8	32.3
	4	15	ELLENTON BOOSTER STATION	9K30F1D	25.000	75.000	10.0	0.0	7.4
	5	16	NORTH COUNTY ELEVATED TANK	9K30F1D	25.000	75.000	58.0	32.8	86.5
	6	54	64 STATE ROAD MONITORING WELL	9K30F1D	25.000	75.000	5.0	65.6	57.4
WQLX506	1	28	RAIN GAUGE #8	9K30F1D	25.000	75.000	15.0	72.2	69.0
	2		RAIN GAUGE #9 <b>NOT USED</b>	9K30F1D	25.000	75.000	15.0	75.5	72.3
	3	30	ELWOOD PARK #1	9K30F1D	25.000	75.000	9.0	9.0	12.8
	4	17	ELWOOD PARK #2	9K30F1D	25.000	75.000	9.0	13.1	17.2
	5	18	WTP - RAW WATER #2	9K30F1D	25.000	75.000	7.0	36.1	29.7
	6	19	PORT MANATEE ELEVATED TANK	9K30F1D	25.000	75.000	12.0	9.8	19.5
WQLX508	1	31	CORTEZ G.S. AND BOOSTER <b>NOT USED</b>	9K30F1D	25.000	75.000	15.0	3.3	17.0
	3	23	RAIN GAUGE #3	9K30F1D	25.000	75.000	15.0	39.4	37.5

[FCC](#)

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Callsign	Loc No.	RTU #	Name	Emission Designator	Output Power (watts)	ERP (watts)	Antenna HT./ Tp meters	AMSL	Antenna AAT meters
	4	24	RAIN GAUGE #4	9K30F1D	25.000	75.000	15.0	85.3	79.4
	5	26	RAIN GAUGE #6	9K30F1D	25.000	75.000	15.0	121.4	39.9
	6	27	RAIN GAUGE #7	9K30F1D	25.000	75.000	15.0	124.7	116.0
WQQL843	1	40	EAST COUNTY MONITORING WELLS	9K30F1D	25.000	75.000	16.0	98.4	81.9
	2	52	RYE BRIDGE - CONDUCTIVITY MON	9K30F1D	25.000	75.000	10.0	3.2	-1.8
	3	47	LONG BOAT KEY METER STATION	9K30F1D	25.000	75.000	7.6	5.0	11.7