



1112 Manatee Avenue West
Bradenton, FL 34205
purchasing@mymanatee.org

Solicitation Addendum

Addendum No.: 2
Solicitation No.: 23-TA004595SAM
Project No.: 6017982, 6017983, 6017984
Solicitation Title: Improvements at Master Lift Station 39A
Addendum Date: April 7, 2023
Procurement Contact: Sherri Meier

IFBC No. 23-TA004595SAM 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. 23-TA004595SAM.

The deadline to submit all inquiries concerning interpretation, clarification or additional information pertaining to this IFBC was March 31, 2023.

CHANGE TO:

ADVERTISEMENT, DATE, TIME AND PLACE DUE

CHANGE TO DATE, TIME AND PLACE DUE:

The Due Date and Time for submission of Bids in response to this Invitation for Bid Construction (IFBC) is ~~April 18, 2023~~ **April 21, 2023 at 2:00 PM ET**. Bids must be delivered to the following location:

CHANGE TO:

SECTION A, INFORMATION FOR BIDDERS, A.01 BID DUE DATE:

A.01 BID DUE DATE

The Due Date and Time for submission of Bids in response to this Invitation for Bid Construction (IFBC) is ~~April 18, 2023~~ **April 21, 2023 at 2:00 PM ET**. Bids must be delivered the following location: Manatee County Administration Building, 1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205 and time stamped by a Procurement representative prior to the Due Date and Time.

CHANGE TO:

SECTION A, INFORMATION FOR BIDDERS, A.51 SOLICITATION SCHEDULE:

A.51 SOLICITATION SCHEDULE

<u>Scheduled Item</u>	<u>Scheduled Date</u>
Non-Mandatory site tour per Article A.02	March 17, 2023, 9:00 AM ET
Question and Clarification Deadline	March 31, 2023
Final Addendum Posted	April 7, 2023
Bid Response Due Date and Time	April 18, 2023 <u>April 21, 2023</u> 2:00 PM, ET
Projected Award	April, 2023 <u>May, 2023</u>

REPLACE:

SECTION B, BID FORMS, APPENDIX K, BID PRICING FORM

Replace Section B, Bid Forms, Appendix K, Bid Pricing Form with Appendix K, Bid Pricing Form (Revised) attached to this Addendum No. 2.

ADD:

SECTION B, BID FORMS, APPENDIX K, BID PRICING FORM (FILLABLE)

Add Section B, Bid Forms, Appendix K, Bid Pricing Form (Fillable) incorporated into to this IFBC and available for download as a separate attachment.

QUESTIONS AND RESPONSES:

- Q1. The specs seem to be a copy & past for all 3 MLS projects currently out for bid. The specs for 39A reference 27A, etc?**
R1. Noted. The specifications are different for each MLS, based on their specific requirements.
- Q2. What is the flow and TDH of the station? We'll need this to figure bypass pumping.**
R2. Refer to the response to Question #8.
- Q3. The pump specs for this project is for submersible pumps. Is this the correct spec for this project?**
R3. This is correct. The pumps are dry pit submersible pumps.
- Q4. Please confirm that there is no work to be performed in the wet well of this station.**
R4. This is correct.
- Q5. Please confirm we are to repaint only disturbed areas or are we re-painting all walls, interior walls, etc? I see a room finish schedule, but the specs have a lot of different finishes and it's hard to tell which apply to this project.**

- R5. All interior wall and ceiling surfaces shall be repainted per Room Finish Schedule on Drawing A-03. All exterior stucco and concrete shall be repainted per Keynotes 1 and 2 on Drawing A-02.
- Q6. The measurement and payment section for MLS 39A doesn't seem to match the bid form. A few items from the bid form are missing in the M&P section.**
- R6. A check was completed and they generally line up. It's not clear what items the Contractor is referring to. We can offer the following comments:
1. Bid Item 38 (Pump / Pipe Supports) can be left at \$0. The pump supports can be included in Bid Item 41 (Dry Pit Submersible Pumps) and the pipe supports can be included under Bid Item 42 (Pup Influent Piping.....) and Bid Item 43 (Pump Discharge Piping...).
 2. Bid Item 49 (HVAC Ducting...) can be combined with Bid Item 48 (HVAC Package...).
 3. Bid Item 19 (HVAC Condensate Drain Pump) should be 'Condensate Drain Sump' as shown on Detail C of drawing H-04.
- Q7. What are the inverts of the proposed bypass receiving manhole shown on C-01? How much can this manhole be surcharged?**
- R7. Based on As-Built data, the rim elevation of this manhole is 17.79ft and all inverts are at .04ft. Manhole cannot be surcharged as it could create upstream impacts. Water level in manhole shall be kept to a minimum.
- Q8. What are the peak flow, average flow, and TDH of the receiving manhole shown on C-01?**
- R8. Minimum flow is 640gpm (TDH of approx. 75-115ft). Peak flow is 3,600gpm (TDH of approx. 155-190ft). Wet average flow is 2,430gpm (TDH of approx. 115-155ft). Dry average flow is 1,260gpm (TDH of approx. 85-125ft). The total dynamic head range varies based on system operation and upstream/downstream lift stations. This is typical for all Master Lift Stations. Refer to drawing C-01 for locations of tie-ins for bypass (reference Note 4).
- Q9. If equipment lead times are to exceed the contract duration or do not allow sufficient time to complete the work, would the County be open to delaying the issuance of the NTP or extending the contract duration?**
- R9. Once the bid has been awarded additional time for procurement may be added to the contract time via change order. Change orders will only be approved with justification from the supplier and the Contractor's good faith effort to seek alternates as approved by the County.
- Q10. Sheet E-11 of the contract drawings indicates that the New Prefab Electrical Building has an Area Type 12 designation requiring minimum NEMA 12 gasketed enclosures for all equipment per the Area Designation descriptions on sheet E.02. Section 16425 subsection 2-2.01 of the project specifications states that the switchboard SWBD-1, located in the New Prefab Electrical Building, shall have a NEMA 1 enclosure. As the switchgear housed in the New Prefab Electrical Building is not available with a NEMA 12-rated enclosure, shall all switchgear be provided with a NEMA 1 enclosure? The switchgear can also be supplied with NEMA 3R enclosures.**

R10. NEMA Type 1 is acceptable.

Q11. Is there an elevation drawing for the precast electrical building?

R11. Refer to Specification 13130 for the requirements of the Precast Concrete Building.

Q12. Does the electrical building receive any form of insulation or is it just painted concrete for the interior walls?

R12. Insulation is covered by the requirements in Paragraph 1-2 (Specification 13130). The building shall conform to the 2020 Florida Building Code, which includes Chapter 13 (Energy efficiency). In order to qualify as an equipment building and be exempt from the other requirements of the energy code, the average wall and roof U-factor needs to be less than 0.2. Concrete alone won't meet this. Finish requirements are specified in paragraph 2-1.04. Color of the building shall be coordinated with the County.

Q13. Please provide a proposed site utilization plan for the referenced project to include the Engineer's/County's field office, contractor's field office and storage area.

R13. Refer to Drawing C-01. The Contractor has full access to these areas to locate office/storage space. The engineer will not be at the site full-time, and the County's Project Manager will utilize unused space, as required.

Q14. The measurement & payment section for this bid contains 2 bid items (34 & 39) that both call for stucco and fascia. Please advise which bid item they belong in.

R14. Please include all stucco and fascia work in the architectural item (Bid Item 39).

Q15. On drawing E-02 it shows the "Area Designations" with descriptions of each area. On drawing E-11 it shows the Prefab Building being designated as Area 12.

This building houses the majority of the electrical equipment on this project- for example the SWBD-1 and transformers and low voltage lighting panels.

Can you please confirm the NEMA rating for the electrical equipment?

It is not possible to get a NEMA 12 rated Switchgear. You can get NEMA 1 or NEMA 3R.

R15. NEMA Type 1 is acceptable.

Q16. Can you please inquire if any of the conduits being installed will require seal-offs, I don't see any notes requiring them but they are sometimes requested for this type of work.

R16. Conduits entering hazardous areas shall have seal-offs per Specification section 16050, 3-7.03. These areas are labeled on the drawings and defined on Drawing E-02, Area Designations.

Q17. Can the system head curve please be provided to assist in the sizing the proposed pumps?

R17. The performance and design requirements listed in Section 11150 ,2-2 should be sufficient for sizing a pump. System head curves vary with the different pump

manufacturers. Since more than one manufacturer is specified only the performance and design requirements can be given.

Q18. Is KSB and acceptable supplier for submersible pumps?

R18. Yes, KSB pumps are a County acceptable supplier of pumps for this project.

NOTE:

Deleted items will be ~~struck through~~, added or modified items will be underlined. All other terms and conditions remain as stated in the IFBC.

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.

END OF ADDENDUM

AUTHORIZED FOR RELEASE

Appendix K, Bid Pricing Form					
IFBC NO. 23-TA004595SAM					
Improvements at Master Lift Station 39A (MLS 39A)					
BID FORM 'A' BASED ON 425 CALENDAR DAYS COMPLETION					
Bidders shall provide prices for each line item for their bid to be considered responsive. To be considered responsive, it is the sole responsibility of the bidder to correctly calculate and manually enter all sub-total, contingency and total bid price fields.					
ITEM	DESCRIPTION	QUANTITY		UNIT PRICE	AMOUNT
I. MISCELLANEOUS					
1	Mobilization	1	LS		
2	Project Signs	2	EA		
3	Preconstruction Video	1	LS		
4	Field Recognissance / Utility Locates & Coordination	1	LS		
5	Sanitary Sewer Bypass Pumping and Appurtenances	1	LS		
6	Pressure and Leakage Testing of Piping	1	LS		
8	Permitting	1	LS		
9	Record Drawings	1	LS		
10	Demobilization	1	LS		
SUBTOTAL					
II. PROPOSED IMPROVEMENTS					
EARTHWORK					
11	Temporary Erosion Control Measures	1	LS		
12	Import Fill and Place	12	CY		
13	Excavation and Disposal of Unsuitable Material	12	CY		
14	Seeding & Sodding	1	LS		
SUBTOTAL					
CIVIL / DEMOLITION					
15	Sidewalk	950	SF		
16	Concrete Paving	9	CY		
17	Concrete Drive	775	SF		

BIDDER NAME: _____

BIDDER SIGNATURE: _____

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18	Bollards	6	EA		
19	HVAC Condensate Drain Sump	1	EA		
20	Demolition of Miscellaneous Site Features (fencing, door landings, rain gauge, concrete pad to North of pump building	1	LS		
21	Demolition - Miscellaneous Pump Building (sky lights, fans, doors, louvers)	1	LS		
22	Demolition - Generator and Appurtenances inside Pump Building (including Exhaust)	1	LS		
23	Demolition - Fuel Tank, including bollards, fuel lines, appurtenances and structural pad	1	LS		
24	Demolition - Dry-pit Submersible Pumps	3	EA		
25	Demolition - 14" gate valve	5	EA		
26	Demolition - 12" gate valve	3	EA		
27	Demolition - 12" check valve	3	EA		
28	Demolition of Pump influent DIP piping (14")	1	LS		
29	Demolition of Pump effluent DIP piping (8", 12")	3	EA		
30	Demolition of electrical gear, including all appurtenances / conduits, inside Pump Building	1	LS		
31	Protective Coatings (Piping / Appurtenances)	1	LS		

SUBTOTAL

STRUCTURAL / ARCHITECTURAL

32	Prefabricated Electrical Building	1	LS		
33	Pump Building - Roof Membrane System	1	LS		
34	Pump Building Structural - Building Penetrations, CMU Infill, Doors, Stucco Recoat, Fascia	1	LS		
35	Concrete Pad, including equipment pad (Condensing Unit)	2.5	CY		
36	Concrete Pad (Generator)	13.5	CY		
37	Concrete Pad (Electrical Building)	12	CY		

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38	Pump / Pipe Supports	1	LS		
39	Pump Building Architectural Finishing, including Stucco	1	LS		
SUBTOTAL					
MECHANICAL / HVAC					
40	Pump Building Mechanical - Exhaust fans				
41	Dry Pit Submersible Pump (including all appurtenances)	3	EA		
42	Pump Influent Piping, including Fittings, and Appurtenances (14" DIP)	1	LS		
43	Pump Discharge Piping, including Fittings, and Appurtenances (12" DIP)	1	LS		
44	14" Gate Valve	5	EA		
45	12" Check Valve	3	EA		
46	12" Gate Vale	3	EA		
47	Engine Generator and Sub-base Fuel Tank	1	EA		
48	HVAC Package (Air Handler including Supports, Condenser, and Piping....condensate, refrigerant, etc)	1	EA		
49	HVAC Ducting including appurtenances (register/grille) and supports	1	LS		
SUBTOTAL					
ELECTRICAL / I&C					
50	Site electrical ductbanks (including conduit & circuits)	1	LS		
51	VFDs	3	EA		
52	Switchboard	1	EA		
53	Power Panel	1	EA		
54	Automatic Transfer Switch	1	EA		
55	Manual Transfer Switch	1	EA		

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56	Main Circuit Breaker	1	EA		
57	Generator Docking Station	1	EA		
58	Lighting Transformer / Lighting Panel	2	EA		
59	Lighting Control Panel	1	EA		
60	Pump Building (Upper and Lower Level) Lighting Fixtures	1	LS		
61	Sump Pump Control Panel	1	LS		
62	RTU Panel	1	EA		
63	Pressure / level instruments	1	LS		
SUBTOTAL					
SUBTOTAL PRICE (Total of Miscellaneous, Earthwork, Civil / Demolition, Structural / Architectural, Mechanical / HVAC, and Electrical / I&C)					
64 CONSTRUCTION CONTINGENCY COUNTY AUTHORIZED USE ONLY (10% of Subtotal)					
TOTAL BID PRICE (Subtotal Price plus the Construction Contingency)					

BIDDER NAME: _____

BIDDER SIGNATURE: _____