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## Solicitation Addendum

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Addendum No.: 2  
Solicitation No.: 22-TA004368SAM  
Project No.: 6022388 & 6022389  
Solicitation Title: Master Lift Station N1-B Rehabilitation  
Addendum Date: October 21, 2022  
Procurement Contact: Sherri Meier

**IFBC No. 22-TA004368SAM 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. 22-TA004368SAM.**

**The deadline to submit all inquiries concerning interpretation, clarification or additional information pertaining to this IFBC is October 14, 2022.**

### **REPLACE:**

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

Replace Appendix K, Bid Pricing Form with Appendix K, Bid Pricing Form Revised incorporated in and attached to this Addendum 2

### **REPLACE:**

#### **SECTION C, BID ATTACHMENTS, BID ATTACHMENT 3, PLANS/DRAWINGS**

Replaced Bid Attachment 3, Plans/Drawings, Plan Sheets 19, 21 & 23 with Revised Plan Sheets 19, 21 & 23 incorporated into this Addendum 2 and available for download as a separate attachment.

### **QUESTIONS AND RESPONSES:**

**Q1. Condition A we cannot meet any tolerance as it is above our curve. Is the specified duty condition, correct?**

R1. Contract Specification Section 11305, Part 2.03 B. Condition A shall be revised to 2.53 MGD (1759 gpm) at 232 ft head. In addition, Condition F shall be revised to 1.18 MGD (822 gpm) at 127 ft head.

**Q2. Condition B cannot meet any testing tolerance at full speed. If we lower the speed between 50-55hz we will of course meet it with 1U and spot on. The original duty condition we were given we can meet a 3B with at full speed. To meet 1U with that condition we would need a larger impeller trim, which of course the power limit would start to chip away the available performance curve. Attached is the PECU curve reflecting the tolerances we can meet.**

R2. Contract Specification Section 11305, Part 2.03 B. The original duty condition can meet 3B at full speed (Condition A). For Condition B meeting the condition at a lower speed to meet 1U is acceptable. All conditions should be within the manufacturer's recommended operating conditions.

**Q3. Please clarify duty conditions and testing standards**

R3. Please see response to Q2 for condition and testing standards.

**Q4. The NT3315 HT does not have a throughlet size of 3" for rigid solids. The N impeller will pass 3" deformable solids. Is this acceptable?**

R4. The Flygt N impeller (NT3315 HT) passing the 3" deformed solids is acceptable.

**Q5. What stand are we providing (fabricated or baseplate for concrete)? Plans show the prefabricated cast iron stand but spec calls out baseplate and concrete plinth style.**

R5. The stand shall be fabricated cast iron stand as specified in the Contract Drawings. Please see attached revised Contract Drawings M-00-001, M-01-111 and M-01-112 (revisions are shown in red font).

Specification Section 11305 Part 2.06 R. 2. shall be modified as below:

**Delete:**

R.2.a. Pumps shall be mounted to parallel concrete pedestal supports as shown on the drawings.

R.2.b. Provide a suitable base plate, frame or other mounting provisions for anchorage to the concrete supports such that the anchor bolt holes shall be centered on the concrete pedestal supports. Note that configuration requirements may not accommodate the pump manufacturer's standard equipment mounting design.

R.3.a. Coordinate required height of concrete pedestal supports with required discharge piping elevations as shown on the drawings.

**Add:**

R.2.a. Pumps shall be mounted as shown on the drawings.

R.3.a. Coordinate required height of prefabricated cast iron stand with required discharge piping elevations as shown on the drawings. The Contractor and manufacturer shall field verify all dimensions prior to fabrication and installation.

**Q6. What size inlet elbow are we providing? During design we discussed a larger size than what we standardly offer with this pump, but again the plans show the standard 8x10".**

**Pump motor shaft shall be AISI 431 material in lieu of the specified ASTM A479 S43100-T material.**

R6. The standard 8x10" size inlet elbow shall be provided. Additionally, AISI 431 material for the pump motor shaft is acceptable.

**Q7. It's stated that all precast manufactures shall be PCI plant certified prior to production. Is this an automatic rejection and if so, is a NPCA (National Precast Association) plant cert. an equal?**

R7. Specification Section 13300 Part 1.02 6 Manufacturer's Warranty. National Precast Association (NPCA) plant certification is acceptable and shall meet the requirements of Part 1.02 6.

**Q8. After looking at the bypass drawing and talking with some of the bypass companies about this project. They are all in agreement that closing 28<sup>th</sup> Ave E and using the master manhole would be the preferred bypass operation for this project. Is that something the County would consider?**

R8. The County prefers not to use this method as it would close part of the road and County preferred to use the bypass within the LS boundaries as shown in the design drawings. This bypass method shall be used for base bid. During construction, alternate bypass methods can be considered; however, it should be noted that only partial closure (one-lane) of 28<sup>th</sup> Ave E can be acceptable – full closure is not acceptable.

**Q9. What is the engineer's estimate for this bid?**

R9. \$3.45 million.

**Q10. Please provide the pre-bid sign in sheet.**

R10. See attached non-mandatory site visit sign-in sheet attached to this Addendum 2.

**Q11. What is the existing wet well coating? How thick is the existing wet well coating?**

R11. The existing wet well coating is hand applied fiberglass coating. The County has used Raven coating to patch the coating as and where required.

**Q12. Both bid form A and B bid items #10 and #11 have the same description. Please modify per measurement and payment descriptions.**

R12. Item #11 shall be revised and read as follows:

Item #11 Wetwell Coating Repair

**Q13. Please confirm that bid item #10 is only for the removal of the existing coating and that bid item #11 is only for applying the new coating.**

R13. Correct. Bid Item #10 is for the removal and disposal of the existing coating system and Bid Item #11 is for cleaning, surface preparation and application of the new coating system. Please refer the Contract Specifications (especially Section 01150 Measurement and Payment) and Contract Drawings for additional information.

**Q14. For bid item #9 what is the total quantity of muck, biosolids, grit, sludge, or debris for the wet well cleaning? If the actual quantity is unknown can an allowance be set up or an estimated quantity be put on the bid form?**

R14. Specification Section 01150 Bid Item No. 9 shall be modified as follows:

## **BID ITEM NO. 9: CLEANING OF THE WET WELL (LS)**

Payment for MLS N1-B cleaning of the wet well item will be made at the lump sum price named on the Bid Form and be on a percent complete basis. Improvements within this bid item includes but is not limited to pressure washing the stairs, platforms, grates, and channels (not associated with the comminutor channel) of the wet well, and disposal (including hauling) of trash, muck, biosolids, sewage, and debris (up to 100 cubic foot) as a result of draining and cleaning the wet well prior to coating repairs. Partial payments for MLS N1-B wet well cleaning shall be made on a percent complete basis.

**Q15. Spec 13300 says the precast concrete manufacturing plant shall be certified by the Precast Prestressed Concrete Institute (PCI) Plant Certification Program prior to the start of production. Will a State of Florida certification that provides 3rd party state approved inspectors and inspects plants and inspections on every building produced be acceptable as well?**

R15. Please see the response to Q7 for acceptable certifications.

**Q16. Spec 02618 do all new pipelines get pig cleaning? Do any existing pipelines get pig cleaning? If yes, which lines and what size and what length are the pipelines?**

R16. Yes – all new pipelines get pig cleaning per Contract Specification Section 02618. No existing pipelines get pig cleaning.

**Q17. Does master lift station N1-B require new membrane roofing system per spec 09901? If yes, please provide a roofing drawing showing the details and area of the new system or repairs needed.**

R17. New membrane roofing system for the existing master lift station N1-B building is not included as part of this project. The Contract Specification Section 09901 pertains to the new precast concrete electrical building.

### **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



**Procurement Division**  
**Non-mandatory Site Visti**  
**IFBC No. 22-TA004368SAM**  
**Invitation for Bid Construction**  
**Master Lift Station N1-B Rehabilitation**  
**September 29, 2022 @ 9:30 AM ET**  
**Master Lift Station N1-B**  
**2903 69th Court, Palmetto, FL 34221**

Printed Name	Organization/Agency	Email Address
Sherri Adams-Meier <i>adm</i>	MCG Procurement	<a href="mailto:sherri.adamsmeier@mymanatee.org">sherri.adamsmeier@mymanatee.org</a>
Leslie Peer <i>LHP</i>	MCG Procurement	<a href="mailto:leslie.peer@mymanatee.org">leslie.peer@mymanatee.org</a>
Brett Gocka	MCG Public Works	<a href="mailto:brett.gocka@mymanatee.org">brett.gocka@mymanatee.org</a>
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<i>Chuck Hlavach</i>	<i>Enviro Sales of Florida, Inc</i>	<i>Chuck@envirosalesofflorida.com</i>
<i>Matt Durrell</i>	<i>Bay Area Precast</i>	<i>matt@bayareaprecast.com</i>
<i>Cody Loggins</i>	<i>Florida Design Contractors</i>	<i>Bids@Floridadesigncontractors.com</i>

**APPENDIX K, BID PRICING FORM (REVISED)**

**IFBC NO. 22-TA004368SAM**

**MASTER LIFT STATION N1-B REHABILITATION**

**BID FORM 'A' BASED ON 270 CALENDAR DAYS COMPLETION**

**Bidders must provide prices for each line item for their bid to be considered responsive.**

Pay Item No.	Description	Unit	Qty	Unit Price(\$)	Total Amount (\$)
1	Mobilization, Demobilization and Site Work	LS	1		
2	Demolition	LS	1		
3	Pumps, Valves and Appurtenances	LS	1		
4	Magnetic Flow Meter and Site Piping	LS	1		
5	Pre-Engineered Concrete Building	LS	1		
6	Temporary Bypass Pumping	LS	1		
7	Comminutor	LS	1		
8	Electrical, Instrumentation and Control Improvements	LS	1		
9	Wetwell Cleaning	LS	1		
10	Wetwell Existing Coating Removal	SF	1,000		
11	<del>Wetwell Existing Coating Removal</del> Wetwell Coating Repair	SF	1,000		
12	Wetwell Rehab - Concrete Repair Up to 3.0" Depth	SF	400		
	Wetwell Rehab - Concrete Repair 3.1" - 6.0" Depth	SF	200		
	Wetwell Rehab - Concrete Repair 6.1" - 9.0" Depth	SF	200		
	Wetwell Rehab - Concrete Repair 9.1" - 12.0" Depth	SF	200		
	Wetwell Rehab - Rebar Repair Including Remove and Replace	LF	100		
<b>SUBTOTAL PRICE (Total of items No. 1-12)</b>					
<b>CONSTRUCTION CONTINGENCY COUNTY AUTHORIZED USE ONLY (10% of Subtotal Price)</b>					
<b>Allowance for permits and fees issued by Manatee County Government</b>					\$ 5,000.00
<b>TOTAL BID PRICE (Subtotal Price plus the Construction Contingency and Allowance)</b>					

Bidder: \_\_\_\_\_

Signature: \_\_\_\_\_

\*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.

**APPENDIX K, BID PRICING FORM (REVISED)**

**IFBC NO. 22-TA004368SAM**

**MASTER LIFT STATION N1-B REHABILITATION**

**BID FORM 'B' BASED ON 230 CALENDAR DAYS COMPLETION**

**Bidders must provide prices for each line item for their bid to be considered responsive.**

Pay Item No.	Description	Unit	Qty	Unit Price(\$)	Total Amount (\$)
1	Mobilization, Demobilization and Site Work	LS	1		
2	Demolition	LS	1		
3	Pumps, Valves and Appurtenances	LS	1		
4	Magnetic Flow Meter and Site Piping	LS	1		
5	Pre-Engineered Concrete Building	LS	1		
6	Temporary Bypass Pumping	LS	1		
7	Comminutor	LS	1		
8	Electrical, Instrumentation and Control Improvements	LS	1		
9	Wetwell Cleaning	LS	1		
10	Wetwell Existing Coating Removal	SF	1,000		
11	<del>Wetwell Existing Coating Removal</del> Wetwell Coating Repair	SF	1,000		
12	Wetwell Rehab - Concrete Repair Up to 3.0" Depth	SF	400		
	Wetwell Rehab - Concrete Repair 3.1" - 6.0" Depth	SF	200		
	Wetwell Rehab - Concrete Repair 6.1" - 9.0" Depth	SF	200		
	Wetwell Rehab - Concrete Repair 9.1" - 12.0" Depth	SF	200		
	Wetwell Rehab - Rebar Repair Including Remove and Replace	LF	100		
<b>SUBTOTAL PRICE (Total of items No. 1-12)</b>					
<b>CONSTRUCTION CONTINGENCY COUNTY AUTHORIZED USE ONLY (10% of Subtotal Price)</b>					
Allowance for permits and fees issued by Manatee County Government					\$ 5,000.00
<b>TOTAL BID PRICE (Subtotal Price plus the Construction Contingency and Allowance)</b>					

Bidder: \_\_\_\_\_

Signature: \_\_\_\_\_

\*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.