

CITY OF MEXICO BEACH  
WATER TANK AERATION SYSTEM



**ADDENDUM NO. 1  
REQUESTS FOR INFORMATION**

**Issued February 26, 2025**

**The Bid Due Date and Time remains the same. Bids are due on Wednesday March 5th, 2025 until 2:00 p.m. (Central).**

**The following questions were received from potential bidders and are being addressed below:**

1. Will there be a pre-bid for this project?

***City's Response to Request for Information Question No. 1:*** A pre-bid meeting is not currently scheduled; however potential bidders are welcome to come to the Public Works yard to see the water tank and site. To schedule this, please contact January Bertaccini, Public Works/Utilities Administrative Assistant, at [j.bertaccini@mexicobeachfl.gov](mailto:j.bertaccini@mexicobeachfl.gov). During the site visit, no verbal questions can be asked; all questions needs to be emailed to Emily Thomasee ([ethomasee@anchorcei.com](mailto:ethomasee@anchorcei.com)) and Tammy Brunson ([t.brunson@mexicobeachfl.gov](mailto:t.brunson@mexicobeachfl.gov)). Do not visit the site without first reaching out to January to schedule.

2. Is WBE/MBE required?

***City's Response to Request for Information Question No. 2:*** It is not required, but any potential bidders who are WBE/MBE certified are encouraged to apply.

3. Will this project require Davis Bacon?

***City's Response to Request for Information Question No. 3:*** No.

4. Please clarify the qualifications required for the contractor that will perform penetrations and attach appurtenances to the prestressed concrete tank.

a. To ensure proper procedures and maintain the integrity of the prestressed concrete tank, we propose adding the following requirement:

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*The contractor that performs the penetrations and attaches appurtenances to the prestressed concrete tank must have at least 10 years of experience in the design, construction, maintenance, and restoration of ANSI/AWWA D110 wire-wound, circular prestressed concrete tanks constructed with a Type II core wall.*

***City's Response to Request for Information Question No. 4: See revised Scope of Work (Attachment C) included as part of this Addendum.***

5. The specs state that the concrete pad is 3'x1'x4" and the pricing sheet lists this pad as having 16 CY of Concrete, which is not correct. What is the actual CY for line item 2.1?

***City's Response to Request for Information Question No. 5:*** The drawings are correct. See revised Bid Form (Attachment E).

6. The Drawings show the 45 degree bends as DIP, but the pricing list shows them as line item 2.4 being PVC.

***City's Response to Request for Information Question No. 6:*** The drawings are correct. See revised Bid Form (Attachment E).

7. Line item 2.7 talks about DI 1.5" Check valves. Should these be made of PVC. The Plans also do not show where this check valve is located.

***City's Response to Request for Information Question No. 7:*** A 4" check valve is required, not 1.5". Refer to the revised Bid Form (Attachment E) included in this Addendum.

8. Line item 2.11 calls for a DI 1.5" control valve. My questions on this is the same as in question 3.

***City's Response to Request for Information Question No. 8:*** A 4" control valve is required, not 1.5". Refer to the revised Bid Form (Attachment E) included in this Addendum.

9. Line item 2.13 calls for a DI pipe which seems right, but the drawings show that top pipe as PVC. Which is it?

***City's Response to Request for Information Question No. 9:*** D.I. is correct. Refer to the revised Construction Drawings included as Attachment A of this Addendum.

10. The drawings show the interior 1.5" pipe as DI, is it supposed to be DI?

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***City's Response to Request for Information Question No. 10:*** Refer to the revised Construction Drawings included as Attachment A of this Addendum. The interior pipe is now stainless steel.

11. The drawings show a 22.5 degree DI bend, this is not on the pricing sheet. Should we just add the price of it in with the 45 degree joints?

***City's Response to Request for Information Question No. 11:*** Refer to the revised Bid Form (Attachment E) included in this Addendum.

12. Line item 2.14 calls for only two 90 degree PVC bends. Are these actually PVC and I see 4 of them on the drawing.

***City's Response to Request for Information Question No. 12:*** Refer to the revised Bid Form (Attachment E) and revised Construction Drawings (Attachment A) included in this Addendum.

13. Is the 4-inch dome probe made of PVC or DI?

***City's Response to Request for Information Question No. 13:*** DI. Refer to the "Addition of 4" DI Dome Probe Curb Detail" on sheet CE1.0 - Water Tank Aeration Plan in the Construction Drawings which are included as Attachment A of this Addendum.

14. The pipe leading up the side of the tank is not stated in the pricing sheet and the material is not specified in the drawings.

***City's Response to Request for Information Question No. 14:*** Refer to the revised Bid Form (Attachment E) and revised Construction Drawings (Attachment A) included in this Addendum. The Pipe on the side of the tank is a 4" DI Pipe.

15. Can we expect an extension and addendum on this project given the need to clarify the pricing sheet and drawings?

***City's Response to Request for Information Question No. 15:*** The bid due date remains the same.

**In addition to the above-received questions, the City makes the following additional modifications to this project.**

16. Additional information has been added to the project drawings. Please **REMOVE** the Appendix E – Construction Plans and **REPLACE** with the revised Appendix E – Construction Plans attached herein (***Attachment A of this Addendum***).

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17. Liquidated Damages are set at \$250/day. Please **REMOVE** the Agreement and **REPLACE** with the revised Agreement attached herein (Attachment B of this Addendum).
18. Additional information has been added to the Scope of Work regarding the bidder's licensing requirements. Please **REMOVE** the Scope of Work and **REPLACE** with the revised Scope of Work attached herein (Attachment C of this Addendum).
19. Bidders are asked to complete a Statement of Experience. See attached Statement of Experience form for completion (Attachment D of this Addendum).
20. An additional line item has been added to the Bid Form and Measurement & Payment Section. Please **REMOVE** the Bid Form and **REPLACE** with the revised Bid Form attached herein (Attachment E of this Addendum). Please also **REMOVE** the Measurement & Payment Section and **REPLACE** with the revised Measurement and Payment Section attached herein (Attachment F of this Addendum).
1. The tank will require draining, preparation & disinfection prior to work beginning; this scope has been added to the Bid Form and Measurement and Payment section attached as part of this Addendum. Due to the increase in water usage within the City during the Spring and Summer months, the City cannot be without a functioning water tank until after Labor Day. **The City does not intend to begin this project until after September 1, 2025.** Refer to revised Agreement attached herein (Attachment B of this Addendum).

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# ATTACHMENT A

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## Construction Plans

CONSTRUCTION PLANS

# CITY OF MEXICO BEACH WATER TANK AERATION DESIGN

PREPARED FOR  
**THE CITY OF MEXICO BEACH**  
 BAY COUNTY, FLORIDA

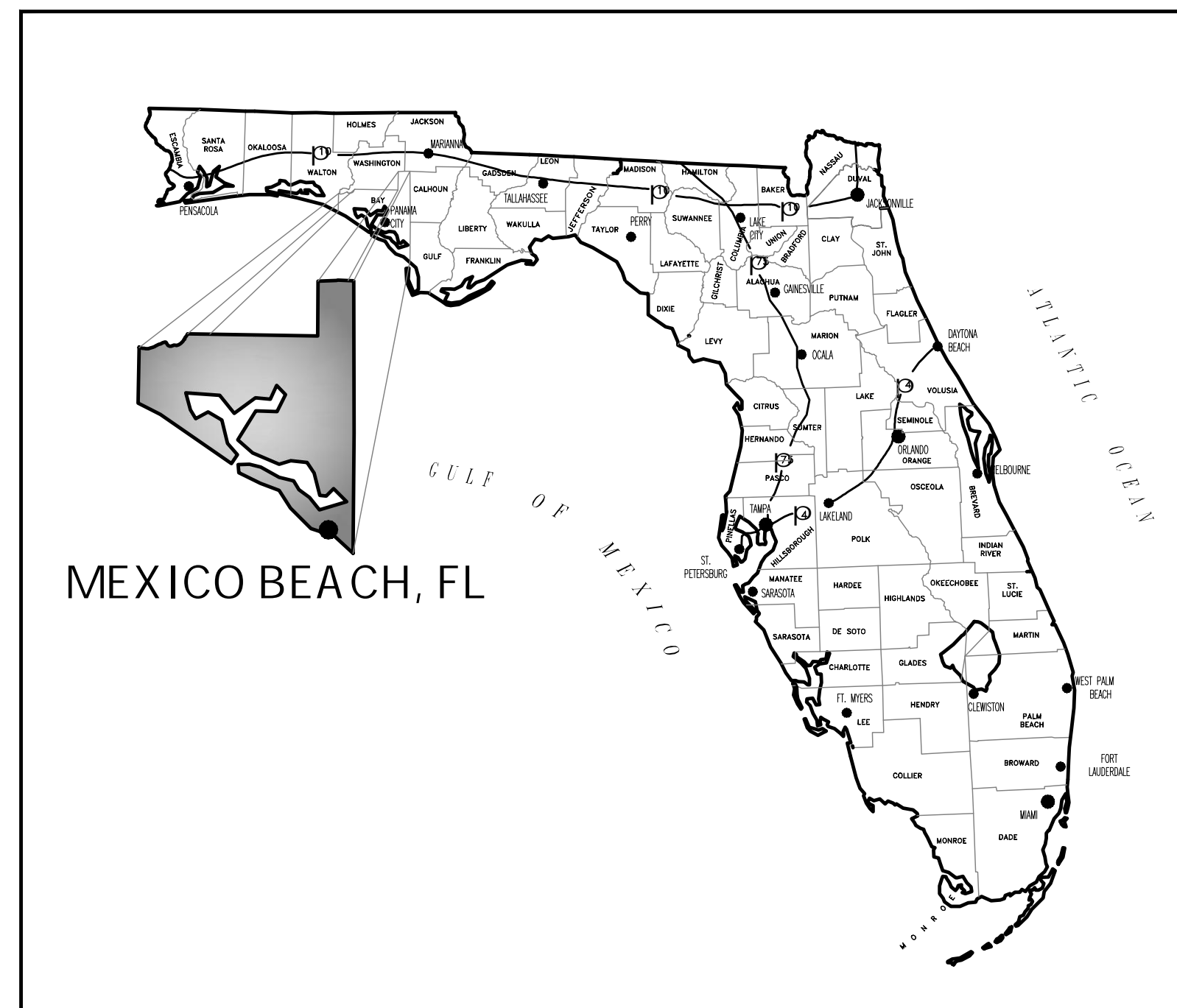
**BID SET**

No.	DATE	DESCRIPTION
1	2/25/2025	ADDENDUM #1
2		
3		

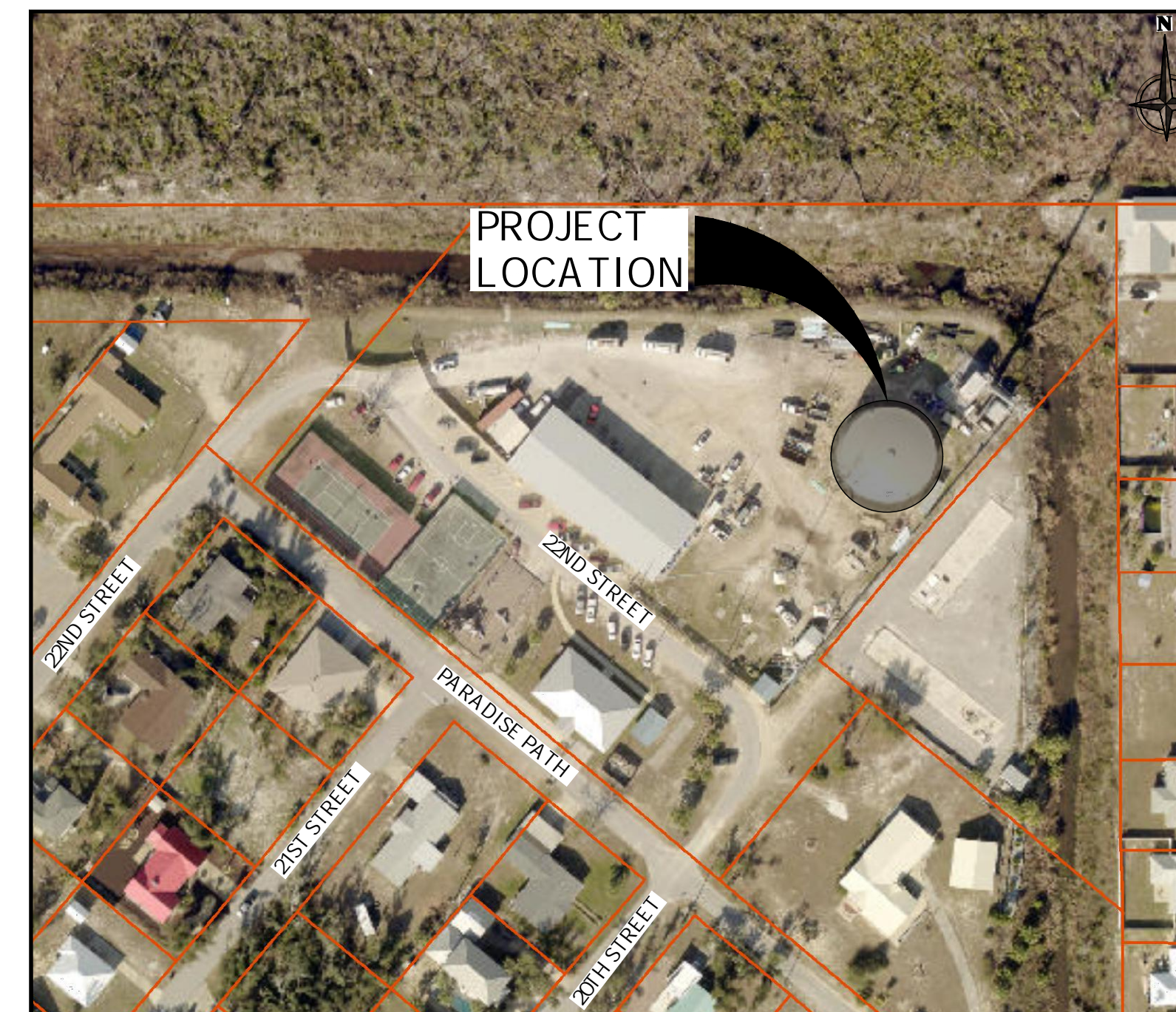


**CITY COMMISSIONERS**

- RICHARD WOLFF - MAYOR, GROUP 1
- JERRY SMITH - COMMISSIONER, GROUP 2
- LINDA HAMILTON - COMMISSIONER, GROUP 3
- JASON ADAMS - COMMISSIONER, GROUP 4
- TIM LINDERMAN - COMMISSIONER, GROUP 5



**VICINITY MAP**



**LOCATION MAP**

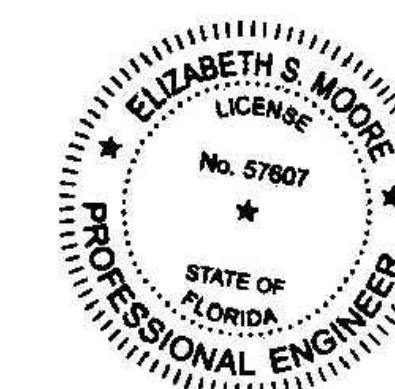


CERTIFICATE OF AUTHORIZATION No.: 31422  
 ELIZABETH S. MOORE, P.E. No.: 57607  
 THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS INDICATED BY (\*) IN ACCORDANCE WITH RULE 61G15-23.005, F.A.C.

**INDEX OF SHEETS**

- CE0.0 \* COVER SHEET (THIS SHEET)
- CE0.1 \* GENERAL NOTES
- CE1.0 \* WATER TANK AERATION PLAN
- CE1.1 \* WATER TANK AERATION PLAN
- CE1.2 \* WATER TANK CONSTRUCTION DETAILS
- CE2.0 CITY OF MEXICO BEACH UTILITY DETAILS
- E1.0 ELECTRICAL PLAN

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:



PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC DOCUMENTS.

DATE: February 25, 2025













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# ATTACHMENT B

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## Agreement (Entire Section)

## **AGREEMENT**

**THIS AGREEMENT** is made and entered into this \_\_\_\_ day of \_\_\_\_\_, 2025, by and between the **CITY OF MEXICO BEACH, FLORIDA**, a municipal corporation (City) and \_\_\_\_\_ (Contractor).

### **PREMISES**

#### **1. SCOPE OF SERVICES**

Contractor will provide all materials and labor required to deliver the Scope of Work published as part of the Request for Proposals. The Request for Proposals is incorporated herein as a part of this Agreement.

If the Contractor believes that any particular work/service is not within the scope of work/service of the contract, is a material change, or will otherwise require more compensation to the Contractor, the Contractor must immediately notify the City's Representative in writing of this belief. If the City's Representative believes that the particular work/service is within the scope of the contract as written, the Contractor will be ordered to and shall continue with the work/service as changed and at the cost stated for the work/service within the scope. The Contractor must assert its right to an adjustment under this clause within thirty (30) days from the date of receipt of the written order.

#### **2. COMPENSATION**

As compensation for the services contemplated herein and performance rendered by Contractor of its duties and obligations hereunder, City shall pay Contractor according to the Bid Form and Request for Bids.

- a. Extra and/or Additional Work Changes. Should City at any time during the progress of said work request any alterations, deviations, additions or omissions from said specifications or other contract documents, it shall be at liberty to do so by written authorization to Contractor, and the same shall in no way affect or make void the Agreement. The value of such will be added to or deducted from the contract bid price, as the case may be, by a fair and reasonable valuation.

#### **3. PAYMENT**

The "closure date" for work to be invoiced for payment shall be the [30th] of each calendar month, except February where it shall be the 28th. The Contractor shall submit an itemized invoice to the City for the amount of work satisfactorily completed as of the closure date. The invoice(s) shall be delivered to the end user departments no later than three days after the closure date of each calendar month.

#### **4. TERM**

This Contract shall commence within 10 calendar days after the date of receipt of the "Notice to Proceed" to CONTRACTOR(s). The CONTRACTOR(s) for each project listed shall achieve Final Completion of the Work within 120 calendar days of the required commencement date, except to the extent the period for Final Completion is extended pursuant to the terms of the Contract Documents ("Contract Time"). Final Completion of the Work for each project shall be achieved by CONTRACTOR within the time period set forth in the executed Notice to Proceed. The CONTRACTOR agrees to pay the OWNER, liquidated damages, in the sum of \$250.00 for each calendar day that expires after the Contract Time for Final Completion.

#### **5. TERMINATION OF CONTRACT**

This Contract may be cancelled by the CONTRACTOR upon thirty (30) days prior written notice to the CITY the event of substantial failure by the CITY to perform in accordance with the terms of this Contract through no fault of the CONTRACTOR. It may also be terminated, in whole or in part, by the CITY, with or without cause, upon thirty (30) days written notice to the CONTRACTOR. Unless the CONTRACTOR is in breach of this Contract, the CONTRACTOR shall be paid for Work rendered to the CITY's satisfaction through the date of termination.

#### **6. COMPLIANCE WITH LAWS.**

The Contractor shall be responsible to know and to apply all applicable federal and state laws, all local laws, ordinances, rules, regulations, and all orders and decrees of bodies or tribunals having jurisdiction or authority which in any manner affect the work, or which in any way affect the conduct of the work. Contractor shall always observe and comply with all such laws, ordinances, rules, regulations, orders, and decrees. The Contractor shall protect and indemnify City of Mexico Beach and all its officers, agents, servants, or employees against any claim or liability arising from or based on the violation of any such law, ordinance, rule, regulation, order, or decree caused or committed by Contractor, its

representatives, sub-contractors, sub-consultants, professional associates, agents, servants, or employees. Additionally, Contractor shall obtain and maintain at its own expense all licenses and permits to conduct business pursuant to this contract from the federal government, State of Florida, Bay County, or municipalities when legally required, and maintain same in full force and effect during the term of the contract.

## **7. WARRANTY**

The Contractor agrees that, in addition to any manufacturer's warranty, for one year after completion of the work, Contractor will immediately repair or replace defective equipment, materials, supplies found by the City.

## **8. INSURANCE AND INDEMNIFICATION**

- a. Contractor shall at its expense maintain in force during the Term the insurance policies required by the Request for Bids. All such insurance shall name the City, its officers, employees and agents as additional insured.
- b. All coverage maintained by Contractor pursuant to Subparagraph (a) shall be provided by companies registered and licensed to sell insurance in the state of Florida and which may legally provide the coverage set forth herein, and shall be provided by companies reasonably satisfactory to the City and in form and substance reasonably satisfactory to the City, and shall provide that coverage will not be subject to cancellation, termination, revocation or material change except after thirty (30) days' prior written notice to the City.
- c. Within thirty days of the date of this agreement, and in no event less than seventy-two hours (72) hours prior to the Term, and thereafter upon the written request of the City, Contractor shall furnish to the City such certificates of coverage and certified copies of policies pursuant to subparagraph (a). In order to satisfy this provision, the documentation required by this part must be sent to [t.brunson@mexicobeachgov.com](mailto:t.brunson@mexicobeachgov.com) or the following address: City of Mexico Beach, Attn: City Clerk, P.O. Box 13425 201 Paradise Path Mexico Beach, Florida 32410.
- d. Contractor shall indemnify and hold harmless and defend the City and its officers, employees, agents and representatives from and against any and all damages, lawsuits, liabilities, claims, costs and expenses including reasonable attorney's fees ("Damages") arising in whole or in part from: (i) the occupation, use or maintenance of the sites by Contractor or anyone claiming by, through or under

Contractor; or (ii) the breach of any of Contractor's representations, warranties, covenants or agreements hereunder, including any Damages arising from the combined fault of Contractor and City, but excluding any Damages arising solely from the negligence or willful misconduct of the City. The covenants contained in this paragraph shall survive the termination of this Agreement.

- e. If any third-party claim is made against the City that, if sustained, would give rise to indemnification liability of the Contractor under this Agreement, the City shall promptly cause notice of the claim to be delivered to the Contractor and shall afford the Contractor and its counsel, at the Contractor's sole expense, the opportunity to join in defending or compromising the claim. The covenants contained in this paragraph shall survive the termination of this Agreement.

## **9. ATTORNEY'S FEES**

In the event of any litigation hereunder, each party shall be responsible for its own attorney's fees and court costs at all trial and appellate levels and at any mediation or arbitration.

## **10. TIME**

The original scope of work under this contract must be completed by Contractor within 120 days of the date of this Contract. Time is of the essence in this Agreement. The City does not intend to begin this project until after September 1, 2025.

## **11. FORCE MAJEURE**

The Contractor's failure or inability to perform the stated scope of services at any time as a result of circumstances beyond its control, such as, but not limited to, war, terrorism, strikes, fires, floods, hurricanes, acts of God, power failures, or damage or destruction of any facility related thereto, shall not be deemed a breach of this Agreement.

## **12. REMEDIES**

In the event of failure of the Contractor to deliver services in accordance with the contract terms and conditions, the City, after due written notice, may procure the

services from other sources and hold the Contractor responsible for any resulting additional purchase and administrative costs. This remedy shall be in addition to any other remedies that the City may have. All rights and remedies conferred upon the parties in this Agreement shall be cumulative and in addition to those available under the laws of the State of Florida.

### **13. ASSIGNMENT**

This Agreement is not assignable.

### **14. SEVERABILITY**

In the event any provision of this Agreement shall be held invalid or unenforceable by any court of competent jurisdiction, such holding shall not invalidate or render unenforceable any other provision hereof.

### **15. MODIFICATIONS**

No modification, amendment, or alteration in the terms or conditions contained herein shall be effective unless contained in a written document prepared with the same or similar formality as this Agreement and executed by the City and Contractor.

### **16. WAIVER**

Failure by the City to enforce any provision of this Agreement shall not be deemed a waiver of the provision or modification of this Agreement. A waiver by the City of any breach of a provision of this Agreement shall not be deemed a waiver of any subsequent breach and shall not be construed to be a modification of the terms of this Agreement.

### **17. NOTICES**

Any notice required by this Agreement shall be directed to the parties as follows:

- a. As to City:

Chris Truitt, City Administrator  
[c.truitt@mexicobeachgov.com](mailto:c.truitt@mexicobeachgov.com)  
201 Paradise Path  
Mexico Beach, Florida 32410  
(850) 648-5700

b. As to Contractor: \_\_\_\_\_  
Contract Representative: \_\_\_\_\_  
Title/Position: \_\_\_\_\_  
Email address: \_\_\_\_\_  
Mailing address: \_\_\_\_\_  
Phone: \_\_\_\_\_ Cell: \_\_\_\_\_

## 18. ENTIRE AGREEMENT

The Request for Bids, this Agreement, Exhibit A Federal Contract Requirements, and any exhibits or appendixes attached hereto and incorporated herein, constitutes the entire agreement between parties pertaining to the subject matter hereof, and supersedes all prior and contemporaneous agreements, understandings, negotiations and discussions of the parties, whether oral or written, and there are no representations, warranties, covenants or other agreements among them.

**IN WITNESS WHEREOF**, the Contractor has executed this Agreement as of the day and year first above written.

\_\_\_\_\_  
**CONTRACTOR NAME**

By: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

ATTEST:

**THE CITY OF MEXICO  
BEACH, FLORIDA,**

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Tammy Brunson, City Clerk

a municipal corporation

By: 

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Richard Wolff, Mayor

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# ATTACHMENT C

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## Scope of Work

## SCOPE OF WORK

The bidder shall provide all cost associated with procurement and construction/assembly of the aeration system. Scope of work includes, but not limited to, the fabrication and installation of a surface water tank aeration system. Bidder must be a licensed General Contractor in the State of Florida or a Licensed Plumber in the State of Florida. The contractor that performs the penetrations and attaches appurtenances to the prestressed concrete tank must have at least 10 years of experience in the design, construction, maintenance, and restoration of ANSI/AWWA D110 wire-wound, circular prestressed concrete tanks constructed with a Type II core wall.

- Purchase and Installation of a centrifugal pump and associated electrical components.
- Purchase and Installation of a roof mounted exhaust fan.
- Purchase and Installation of non-clogging spray nozzles.
- Purchase, fabricate, and installation of piping and its components.

Please note that the City of Mexico Beach is a tax-exempt entity. The selected Bidder will be expected to adhere to the City's tax-exempt status regarding purchases for materials above the threshold established in Appendix A, Sales Tax Purchasing Agreement.

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# ATTACHMENT D

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## Statement of Experience

**STATEMENT OF EXPERIENCE**

This form shall be completed in its entirety and submitted to the CITY for the Mexico Beach City Water Tank Aeration project. The City of Mexico Beach will be the sole judge in determining if the prospective contractor has the experience and expertise to perform the required work. If the CONTRACTOR will be utilizing a SUBCONTRACTOR for any portion of this project, please indicate below and complete the specific section referenced. Part 3 shall be completed by the entity (either CONTRACTOR or SUBCONTRACTOR).

- CONTRACTOR WILL SELF-PERFORM CONSTRUCTION
- CONTRACTOR WILL UTILIZE SUBCONTRACTOR TO PERFORM CONSTRUCTION

**PART 1: CONTRACTOR CONTACT INFORMATION**

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_ Contact Person: \_\_\_\_\_

E-Mail Address of Contact Person: \_\_\_\_\_

Number of Similar Projects Completed in the Last 5 Years: \_\_\_\_\_

**PART 2: SUBCONTRACTOR CONTACT INFORMATION**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_ Contact Person: \_\_\_\_\_

E-Mail Address of Contact Person: \_\_\_\_\_

Number of Similar Projects Completed in the Last 5 Years: \_\_\_\_\_

**PART 3: CONTRACTOR/SUBCONTRACTOR PROJECT REFERENCES**

List three successfully projects that are similar in size and complexity of this project completed within the last 5 years:

1. Project Name: \_\_\_\_\_

Owner: \_\_\_\_\_

Contact Person: \_\_\_\_\_

E-Mail Address of Contact Person: \_\_\_\_\_

Project Description: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Project Duration: \_\_\_\_\_

Approximate Date of Completion: \_\_\_\_\_

2. Project Name: \_\_\_\_\_

Owner: \_\_\_\_\_

Contact Person: \_\_\_\_\_

E-Mail Address of Contact Person: \_\_\_\_\_

Project Description: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Project Duration: \_\_\_\_\_

Approximate Date of Completion: \_\_\_\_\_

3. Project Name: \_\_\_\_\_

Owner: \_\_\_\_\_

Contact Person: \_\_\_\_\_

E-Mail Address of Contact Person: \_\_\_\_\_

Project Description: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Project Duration: \_\_\_\_\_

Approximate Date of Completion: \_\_\_\_\_

#### **PART 4: FIRM'S MBE/WBE/DBE STATUS**

Is your company a state or federally certified Minority or Woman Owned business.  
Yes or No. (Circle one). If yes, please provide proof of certification.

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# ATTACHMENT E

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## **Bid Form**

BASE BID FORM					
Bid Item #	Description	Qty	Unit	Cost	Total
<b>1. General Conditions</b>					
1.1	Mobilization/Demobilization	1	LS	\$	\$
1.2	Performance and Payment Bonds	1	LS	\$	\$
1.3	Construction Testing	1	LS	\$	\$
<b>2. Construction</b>					
2.1	Tank Draining, Preparation & Disinfection	1	LS	\$	\$
2.2	Concrete Pump Pad	.04	CY	\$	\$
2.3	Water Pump	1	EA	\$	\$
2.4	4" Ductile Iron Piping	83	LF	\$	\$
2.5	4" D.I. 45 Degree Bend	10	EA	\$	\$
2.6	4" D.I. 22.5 Degree Bend	1	EA	\$	\$
2.7	Tapping Sleeve & Valve 14"x4"	1	EA	\$	\$
2.8	D.I. MJ 4" Check Valve	1	EA	\$	\$
2.9	D.I. MJ 4" Gate Valve	1	EA	\$	\$
2.10	4" Ductile Iron Piping (Vertical)	80	LF	\$	\$
2.11	Exterior Pipe Brackets	3	EA	\$	\$
2.12	Water Spigot	1	EA	\$	\$
2.13	D.I. Pressure Gauge	1	EA	\$	\$
2.14	D.I. MJ 4" Control Valve	1	EA	\$	\$
2.15	Pipe supports and clamps	1	LS	\$	\$
2.16	4" D.I. Pipe (top of tank - outside)	30	LF	\$	\$
2.17	4" D.I. 90 Degree Bend	4	EA	\$	\$
2.18	3" Grout	2	EA	\$	\$
2.19	4x1.5" DI Sprayer Tee	5	EA	\$	\$
2.20	1.5" 100 GPM Spray Nozzles	5	EA	\$	\$
2.21	Dome Probe Curb and associated components	1	EA	\$	\$
2.22	Hanger Rod Dome Connections	4	EA	\$	\$
2.23	Dome Pipe Support for 4" Pipe	1	LS	\$	\$
2.24	1.5" Stainless Steel Pipe (inside tank)	30	LF	\$	\$

BASE BID FORM					
Bid Item #	Description	Qty	Unit	Cost	Total
2.25	Combination Motor Starter with Overload Protection, Hand Off Auto Switch in Stainless Steel NEMA 4x Enclosure Sized for 480v 3Phase 2hp Motor & Float.	1	LS	\$	\$
2.26	Zylem 6BF2H9B0 Close Coupled End Suction Pump 3 Phase 2.2 kW Pump	1	LS		
2.27	#10 Wire in 3/4" Conduit	189	LF		
2.28	15A/3P Breaker Connection to Existing 480V Panel	1	LS		
<b>3. As-Builts</b>					
3.1	As-Built Record Drawings to Owner	1	LS	\$	\$
<b>TOTAL BASE BID (sum of Sections 1 through 3)</b>					\$

Signature of Authorized Representative of BIDDER:

\_\_\_\_\_ Date: \_\_\_\_\_

**Notes:**

1. Bid Items listed above are further detailed in the *Measurement and Payment* Section of this Invitation to Bid package.

# ATTACHMENT F

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## Measurement & Payment Section

**SECTION 001150  
MEASUREMENT AND PAYMENT**

**PART 1 - SCOPE OF WORK**

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

**1.01 GENERAL**

All Contract Prices included in the Bid Proposal section will be full compensation for all labor, materials, tools, equipment, and incidentals necessary to complete the construction as shown on the drawings and/or as specified in the Contract Documents to be performed under this contract. 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 shown and/or specified to be performed under this project.

**1.02 WORK OUTSIDE AUTHORIZED LIMITS**

No payment will be made for work constructed outside the authorized limits of work.

**1.03 MEASUREMENT STANDARDS**

Unless otherwise specified for the particular items involved, all measurements of distance shall be taken horizontally or vertically.

**1.04 AREA MEASUREMENTS**

In the measurement of items to be paid for on the basis of area of finished work, the lengths and/or widths to be used in the calculations shall be the final dimensions measured along the surface of the completed work within the neat lines shown or designated.

**1.05 LUMP SUM ITEMS**

Where payment for items is shown to be paid on a lump sum basis, no separate payment will be made for any item of work required to complete the lump sum item. Lump sum Bid Items shall be complete, tested and fully operable prior to request for final payment.

Measurement shall be based upon the ENGINEER's estimate of percent complete per partial payment period.

## **1.06 OTHER PROVISIONS**

No separate payment will be made for the following items and the cost of such work shall be included in the applicable pay items of work unless indicated otherwise in the individual Bid Item. Final payment shall not be requested by the CONTRACTOR or made by the OWNER until record drawings have been submitted to the ENGINEER.

- Sheeting and shoring
- Replacement and/or repair of existing utilities damaged during construction.
- Ditch and swale restoration.
- Dewatering and disposal of surplus water, including permitting if required.
- Adjusting existing valve boxes, manhole frames and covers and other structures.
- Any material and equipment required to be installed and utilized for the tests.
- Maintain the existing quality of service during construction.
- Appurtenant work as required for a complete and operable system.

## **PART 2 - PRODUCTS (NOT APPLICABLE)**

## **PART 3 - PART 3 – EXECUTION (NOT APPLICABLE)**

### **3.01 BASE BID**

#### **A. BID ITEM 1.1 - MOBILIZATION/DEMobilIZATION**

1. Payment for all work included under this bid item will be made at the lump sum price bid for mobilization and demobilization of all labor, equipment, materials, and appurtenances necessary for construction of the project.
2. Mobilization shall include all those operations necessary for the movement of personnel, equipment, supplies, and incidentals to the project site and for the establishment of temporary offices, buildings, safety equipment and first aid supplies, and sanitary and other facilities.
3. Also included as part of this bid item is the cost for project indemnifications, video and photographs, shop drawings, working drawings, schedules, record drawings and documents, coordination, and phasing and other miscellaneous items associated with the work.

4. Measurement for this bid item will be lump sum. The lump sum price for mobilization/demobilization will be limited to 10% of the total contract base bid amount.
5. The initial 70% of the Mobilization/Demobilization lump sum price will be payable with the first month's partial payment.
6. The remaining 30% of the Mobilization/Demobilization lump sum price will be payable with the final partial payment.

**B. BID ITEM 1.2 – PERFORMANCE AND PAYMENT BONDS**

1. Payment for this bid item shall be made at the lump sum price bid for all bonds and insurance policies as required by the Contract Documents.
2. Payment will be made only after proper documentation is provided to the ENGINEER. Measurement of this bid item shall be lump sum.
3. THIS BID ITEM SHALL NOT EXCEED 5.0% OF THE ENTIRE CONTRACT BID AMOUNT.

**C. BID ITEM 1.3 – CONSTRUCTION TESTING**

1. Payment for all work included under this bid item will be made at the lump sum price bid for testing to be performed in accordance with the state standards.
2. Payment shall include all testing necessary for construction of the improvements indicated in plans.
3. Payment shall constitute complete compensation for all labor, materials, equipment, testing laboratory fees, and any other necessary work needed to complete this work item.
4. Measurement for the work included under this bid item shall be lump sum.

**D. BID ITEM 2.1 – Tank Draining, Preparation, and Disinfection**

1. Payment for the work included under this bid item shall be made at lump sum bid price for providing pavement work as required under the contract documents.
2. Payment shall include all material, labor, equipment, and incidentals necessary to drain, prepare, and disinfection the water tank prior to aeration system construction as further detailed on the Construction Drawings.

3. Payment shall constitute complete compensation for all labor, materials, and equipment necessary to complete this work item.

**E. BID ITEM 2.2 – CONCRETE PUMP PAD**

1. Payment for the work included under this bid item shall be made at unit bid price for providing pavement work as required under the contract documents.
2. Payment shall include all material, labor, equipment, and incidentals necessary to install the concrete for the pump pad as further detailed on the Construction Drawings.
3. Payment shall constitute complete compensation for all labor, materials, and equipment necessary to complete this work item.

**F. BID ITEM 2.3 – WATER PUMP**

1. Payment for all work included under this bid item will be made as unit price bid for installing the water pump as required under the contract documents.
2. Payment shall include but not be limited to furnishing all material, labor, equipment, and incidentals necessary to install the following in accordance with the contract documents.
3. Payment shall constitute complete compensation for all labor, materials, and equipment necessary to complete this work item.

**G. BID ITEM 2.4 to 2.24 – PIPING AND ASSOCIATED COMPONENTS**

1. Payment for the work included under this bid item shall be made at unit bid price for constructing a piping and valves as required under the contract documents.
2. Payment shall include all material, labor, equipment, incidentals, necessary to construct all piping and associated valves noted on the Construction Drawings. Material include, but are not limited to:
  - a. 4" Suction Piping
  - b. 4" DI 45 Degree Bend(s)
  - c. Tapping Sleeve(s)
  - d. 1.5" Stainless Steel Piping
  - e. D.I. MJ 4" Check Valve, Gate Valves, and Control Valves

- f. Water Spigot
  - g. D.I. Pressure Gauge
  - h. Pipe Supports and attachments (to include all support structures, attachments, pipe hangers, etc both inside and outside the tank)
  - i. 3" Grout
  - j. 4x1.5" D.I. Sprayer Tee
  - k. 1.5" 100 GPM Spray Nozzles
  - l. Dome Probe Curb and associated components
  - m. Dome Piping Support and associates components
3. Payment shall constitute complete compensation for all labor, materials, and equipment necessary to complete this work item.

**H. BID ITEM 2.25 – ELECTRICAL AND ASSOCIATED COMPONENTS**

- 1. Payment for the work included under this bid item shall be made at unit bid price for constructing all electrical and associated components as required under the contract documents.
- 2. Payment shall include all material, labor, equipment, incidentals, necessary to construct all electrical and associated components noted on the Construction Drawings. Material include, but are not limited to:
  - a. Combination Motor Starter with Overload Protection, Hand Off Auto Switch in Stainless Steel NEMA 4x Enclosure Sized for 480v 3Phase 2hp Motor & Float.4" DI 45 Degree Bend(s)
  - b. Zylem 6BF2H9B0 Close Coupled End Suction Pump 3 Phase 2.2 kW Pump1.5" Stainless Steel Piping
  - c. #10 Wire in ¾" Conduit
  - d. 15A/3P Breaker Connection to Existing 480V Panel
- 3. Payment shall constitute complete compensation for all labor, materials, and equipment necessary to complete this work item.

**I. BID ITEM – 3.1 AS-BUILT DRAWINGS**

1. Payment for the work included under this bid item shall be made at unit bid price for completing as-built drawings for OWNER use as required under the contract documents.
2. Payment shall include all material, labor, equipment, and incidentals necessary to complete and furnish as-built drawings to OWNER.
3. Payment shall constitute complete compensation for all labor, materials, and equipment necessary to complete this work item.

**END OF SECTION 01150**