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**CITY OF PORT LAVACA**

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**CC MEETING:** 08/14/2023

**DATE:** 08-10-23

**TO:** Jody Weaver, Interim CITY MANAGER  
**cc:** HONORABLE MAYOR AND CITY COUNCIL MEMBERS

**FROM:** WAYNE SHAFFER, PUBLIC WORKS DIRECTOR

**SUBJECT:** Recommendation of Award City of Port Lavaca Water System  
Improvements

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**BACKGROUND:**

On August 3, 2023, bids were received by the City of Port Lavaca (City) for the Water System Improvements project. AECOM received the Pricing and Bid Sheets submitted for the two (2) bids received, from the City. AECOM has reviewed the bids and a bid tabulation has been prepared; summary sheet and a detailed bid tabulation are attached.

**FINANCIAL IMPLICATIONS:**

The original estimate for this project was \$2,292,316 and was going to be paid for from the ARPA grants received. In order to fully fund the difference, \$2,029,034 must be reallocated from existing bond funds that were intended for other projects.

**RECOMMENDATION:**

Staff and AECOM recommends that JTR Constructors, Inc. be awarded the contract for the referenced project based on the bid of \$4,321,350.00.

**ATTACHMENTS:**

Letter of recommendation, summary sheet, and a detailed bid tabulation are attached.

August 8, 2023

Jody Weaver, PE  
Interim City Manager  
City of Port Lavaca  
202 N. Virginia  
Port Lavaca, Texas 77979

**Re: Letter of Recommendation of Award  
City of Port Lavaca Water System Improvements  
AECOM Project No. 60659778**

Dear Ms. Weaver:

On August 3, 2023, bids were received by the City of Port Lavaca (City) for the Water System Improvements project. AECOM received the Pricing and Bid Sheets submitted for the two (2) bids received, from the City. AECOM has reviewed the bids and a bid tabulation has been prepared; summary sheet and a detailed bid tabulation are attached.

The bids received are ranked as follows:

	Bidder Name	Grand Total
No. 1	JTR Constructors, Inc.	<b>\$4,321,350.00</b>
No. 2	Associated Construction Partners, LTD	<b>\$5,211,625.00</b>

No deficiencies were found in the grand total bids that include the Base Bid, Supplemental Bid, and Cash Allowance. However, both of the bids included a "No Bid" for the alternate bid item. The bid evaluation has been based on the grand totals bids that excludes the alternate bid item.

After tabulating and reviewing each bid item, AECOM respectfully confirms that JTR Constructors, Inc is the low bidder. JTR Constructors, Inc (JTR) is a general contractor out of the Houston area who is routinely involved in construction of water and wastewater treatment plant improvements type projects. They have the experience and qualification to perform the scope of work as specified in the contract documents of this project. JTR has been in business for 26 years; they are a reputed firm in the industry. AECOM has previously worked with JTR Constructors on different projects, including the Lynn's Bayou WWTP Improvements Project. We have been satisfied with the quality of their work on those projects.

AECOM recommends that JTR Constructors, Inc. be awarded the contract for the referenced project based on the bid of \$4,321,350.00. Please call me at (281) 675.7668, if you have any questions or require further information.

Sincerely,



Vinoth Manoharan, PE  
Project Manager  
AECOM  
T: +1-281-675-7668  
E: [Vinoth.manoharan@aecom.com](mailto:Vinoth.manoharan@aecom.com)

Attachments: Bid Summary Sheet & Bid Tabulation

CC: Wayne Shaffer – City of Port Lavaca  
Susan Lang – City of Port Lavaca  
Jennifer Berkich – Grant Works



**BID TABULATION FOR:** CITY OF PORT LAVACA WATER SYSTEM IMPROVEMENTS  
**BID OPENING DATE:** August 3, 2023  
**BID OPENING LOCATION:** CITY HALL, CITY OF PORT LAVACA, 202 N. VIRGINIA ST., PORT LAVACA, TX 77979  
**TABULATION BY:** AECOM  
**TABULATION DATE:** August 8, 2023  
**AECOM PROJECT NO:** 60659778

Bidder's Name	Base Bid Items 1 to 29	Supplemental Bid Items S-1 to S-11	Cash Allowance Bid Item CA-1	Grand Total	Alternate Bid Item A-1
1. JTR Constructors, Inc.	\$4,106,100.00	\$214,250.00	\$1,000.00	\$4,321,350.00	No Bid
2. Associated Construction Partners, LTD	\$4,921,375.00	\$289,250.00	\$1,000.00	\$5,211,625.00	No Bid

1. JTR Constructors used revised Pricing & Bid Sheet and acknowledged receipt of all three Addendums.
2. Associated Construction Partners, LTD used revised Pricing & Bid Sheet and acknowledged receipt of all three Addendums.
3. Neither JTR Constructors nor Associated Construction Partners, LTD provided a bid for Alternate Bid Item No. 1.

Bid Tabulation  
City of Port Lavaca  
Water System Improvements  
Bids Opened: August 3, 2023  
Tabulated by: AECOM  
AECOM Project No. 60659778

				JTR Constructors, Inc.		Associated Construction Partners, LTD	
Item Number	Approx. Quantity	Unit	Description of Item	Unit Cost	Total Amt	Unit Cost	Total Amt
Base Bid Items							
1	1	Lump Sum	Contractor Bonds and Insurance, Complete Task.	\$122,000.00	\$122,000.00	\$56,000.00	\$56,000.00
2	1	Lump Sum	Contractor Mobilization of All Equipment, Materials and Personnel To Job Site. Complete In Place.	\$122,000.00	\$122,000.00	\$200,000.00	\$200,000.00
3	1	Lump Sum	Design of Trench Excavation and Shoring Safety Plan, Complete in Place	\$2,500.00	\$2,500.00	\$5,000.00	\$5,000.00
4	325	Linear Foot	"Trench Safety System," All Depths, All Widths, Complete in Place	\$5.00	\$1,625.00	\$15.00	\$4,875.00
5	1	Lump Sum	Start-Up and Training. Equipment Training and Plant Start-Up. Complete in Place	\$10,000.00	\$10,000.00	\$5,000.00	\$5,000.00
6	1	Lump Sum	Provide Temporary Construction Fencing, Access Gate, and Access Road (If Needed). as shown on PLANS and detailed in Technical Specifications, Complete in Place	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00
7	1	Lump Sum	Demolish Items on the Ground Storage Tank, Including but not limited to Exterior and Interior Ladders, Roof Vent, Roof Hatch, Shell Manway, Overflow/Drain Piping, and Inlet Piping, as shown on PLANS and detailed in Technical Specifications, Complete in Place	\$75,000.00	\$75,000.00	\$150,000.00	\$150,000.00
8	1	Lump Sum	Remove Paint, Prepare Surface, Recoat and Disinfect Interior of Ground Storage Tank (GST), Complete In Place	\$150,000.00	\$150,000.00	\$275,000.00	\$275,000.00
9	1	Lump Sum	Remove Paint, Prepare Surface and Recoat Exterior of GST; Replace All Gaskets and Sand and Paint All Bolts and Nuts for Manways (Replace As Necessary); and Install Non-Skid Surface on Roof, Complete In Place	\$95,000.00	\$95,000.00	\$260,000.00	\$260,000.00
10	1	Lump Sum	Furnish and Install Items on the Ground Storage Tank, Including but not limited to Exterior and Interior Ladders, Roof Vent, Roof Hatch, Shell Manways, Overflow/Drain Piping, and Inlet Piping, as shown on PLANS and detailed in Technical Specifications, Complete in Place	\$350,000.00	\$350,000.00	\$250,000.00	\$250,000.00
11	1000	Pounds	Furnish and Install ¼" Steel Plate to patch the Existing Ground Storage Tank, as shown on PLANS and detailed in Technical Specifications, Complete in Place	\$30.00	\$30,000.00	\$150.00	\$150,000.00
12	1	Lump Sum	Furnish and Install New Level Instrumentation and Sample Faucet for the GST as Shown on the PLANS and detailed in Technical Specifications, Complete	\$16,000.00	\$16,000.00	\$18,000.00	\$18,000.00

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City of Port Lavaca  
Water System Improvements  
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AECOM Project No. 60659778

13	1	Lump Sum	Construct Concrete Masonry Unit Ground Storage Tank Pump Building, including Electrical Room, Liquid Ammonium Sulfate (LAS) Feed Room and Chlorination Room, including excavation, foundation preparation, concrete foundation, and all other necessary work required to construct the building as shown in the PLANS and detailed in Technical Specifications, Complete in Place	\$60,000.00	\$60,000.00	\$1,100,000.00	\$1,100,000.00
14	1	Lump Sum	Paint All Surfaces of the New Ground Storage Tank Pump Building as shown in the PLANS and detailed in Technical Specifications, Complete in Place	\$100,000.00	\$100,000.00	\$65,000.00	\$65,000.00
15	1	Lump Sum	Furnish and Install Chlorination System Including Chlorinators, Dual Scale, Vacuum Regulators, Booster Pump, Leak Detector, and All Associated Valves, Piping, and Associated Appurtenances needed for a Complete Installation, as shown in the PLANS and detailed in Technical Specifications, Complete in Place	\$106,000.00	\$106,000.00	\$125,000.00	\$125,000.00
16	1	Lump Sum	Furnish and Install Liquid Ammonium Sulfate (LAS) Feed System Including Tank, Pumps, and All Associated Valves, Piping, and Associated Appurtenances needed for a Complete Installation, as shown in the PLANS and detailed in Technical Specifications, Complete in Place	\$114,000.00	\$114,000.00	\$130,000.00	\$130,000.00
17	1	Lump Sum	Furnish and Install separate Chlorine and LAS Analyzers Including all Associated Valves and Appurtenances needed for a complete installation, as shown in the PLANS and detailed in Technical Specifications, Complete in Place	\$127,846.00	\$127,846.00	\$120,000.00	\$120,000.00
18	1	Lump Sum	Furnish and Install Three Water Ground Storage Tank Pumps Including Motor, Metal Pump Base, and Associated Appurtenances as shown in the PLANS and detailed in Technical Specifications, Complete in Place	\$275,000.00	\$275,000.00	\$200,000.00	\$200,000.00
19	1	Lump Sum	Furnish and Install all Ground Storage Tank Pump Suction and Discharge Piping, Valves, Instruments, Pipe Supports, and Associated Appurtenances as shown in the PLANS and detailed in Technical Specifications, Complete in Place	\$95,000.00	\$95,000.00	\$500,000.00	\$500,000.00

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20	1	Lump Sum	Furnish and Install all Suction and Discharge Yard Piping, Including Suction and Discharge Headers and All Valves, Pipe Supports and Associated Appurtenances shown in the PLANS and detailed in Technical Specifications, Complete in Place	\$950,000.00	\$950,000.00	\$400,000.00	\$400,000.00
21	1	Lump Sum	Furnish and Install an Active Mixing System for the Ground Storage Tank, Including All Associated Appurtenances needed for a Complete Installation as shown in the PLANS and detailed in Technical Specifications, Complete in Place	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00
22	1	Lump Sum	Furnish and Install all HVAC Equipment including Louvers, Supply Fans, Exhaust Fans, and Unit Heaters in the Ground Storage Tank Pump Building as shown in PLANS and detailed in Technical Specifications, Complete in Place	\$85,000.00	\$85,000.00	\$60,000.00	\$60,000.00
23	1	Lump Sum	Furnish and Install all Electrical and Instrumentation components for the Ground Storage Tank and all ancillary equipment as shown in the PLANS and detail in Technical Specifications, Complete in Place	\$45,000.00	\$45,000.00	\$20,000.00	\$20,000.00
24	1	Lump Sum	Furnish and Install all Electrical and Instrumentation components for the Ground Storage Tank Pump Building and all ancillary equipment as shown in the PLANS and detail in Technical Specifications, Complete in Place	\$880,629.00	\$880,629.00	\$550,000.00	\$550,000.00
25	1	Lump Sum	Furnish and Install all Electrical and Instrumentation components for the Flow Meter Run and all ancillary equipment as shown in the PLANS and detail in Technical Specifications, Complete in Place	\$55,000.00	\$55,000.00	\$45,000.00	\$45,000.00
26	1	Lump Sum	Furnish and Install all Electrical and Instrumentation components for the George Street EST and all ancillary equipment as shown in the PLANS and detail in Technical Specifications, Complete in Place	\$114,000.00	\$114,000.00	\$110,000.00	\$110,000.00
27	1	Lump Sum	Furnish and Install all Electrical and Instrumentation components for the Village Road EST (Off Site EST) and all ancillary equipment as shown in the PLANS and detail in Technical Specifications, Complete in Place	\$67,000.00	\$67,000.00	\$65,000.00	\$65,000.00
28	1	Lump Sum	Site Restoration, including restoring land surface and grass to as good or better condition than existed prior to work. Clean-Up project site and hydro-mulch seed all areas disturbed as a result of construction, Complete in Place.	\$15,000.00	\$15,000.00	\$7,500.00	\$7,500.00

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29	1	Lump Sum	Contractor Demobilization of All Equipment, Materials and Personnel from Job Site. Complete In Place.	\$2,500.00	\$2,500.00	\$5,000.00	\$5,000.00
<b>Base Bid Items Subtotal (Base Bid Items 1 - 29)</b>					<b>\$4,106,100.00</b>		<b>\$4,921,375.00</b>
<b>Supplemental Bid Items</b>							
S-1	20	Cubic Yard	Extra Sand Encasement in addition to Sand Encasement included in Base Bid Items, When Authorized by Owner, Complete in Place	\$25.00	\$500.00	\$50.00	\$1,000.00
S-2	10	Cubic Yard	Extra Structural Excavation, When Authorized by Owner, Complete in Place	\$25.00	\$250.00	\$50.00	\$500.00
S-3	10	Cubic Yard	Extra Compacted Sand fill, When Authorized by Owner, Complete in Place	\$25.00	\$250.00	\$50.00	\$500.00
S-4	10	Cubic Yard	Extra Bank Sand Backfill, When Authorized by Owner, Complete in Place	\$25.00	\$250.00	\$50.00	\$500.00
S-5	10	Cubic Yard	Extra Cement-Stabilized Sand Backfill, When Authorized by Owner, Complete in Place	\$50.00	\$500.00	\$175.00	\$1,750.00
S-6	10	Cubic Yard	Extra Class "A" Concrete, When Authorized by Owner, Complete in Place	\$500.00	\$5,000.00	\$1,500.00	\$15,000.00
S-7	10	Cubic Yard	Extra Class "K" Concrete, When Authorized by Owner, Complete in Place	\$500.00	\$5,000.00	\$1,500.00	\$15,000.00
S-8	500	Pounds	Extra Reinforcing Steel, When Authorized by Owner, Complete in Place	\$3.00	\$1,500.00	\$10.00	\$5,000.00
S-9	500	Pounds	Extra 1/4" Steel Plate, When Authorized by Owner, Complete in Place	\$10.00	\$5,000.00	\$150.00	\$75,000.00
S-10	1	LS	Remove and Replace Center Support Column of GST, As Needed and Approved by Owner, Complete In Place	\$28,000.00	\$28,000.00	\$25,000.00	\$25,000.00
S-11	6	EA	Remove and Replace Outer Support Columns of GST, As Needed and Approved by Owner, Complete In Place	\$28,000.00	\$168,000.00	\$25,000.00	\$150,000.00
<b>Supplemental Bid Items Subtotal (Supplemental Items S-1 to S-11)</b>					<b>\$214,250.00</b>		<b>\$289,250.00</b>
<b>Cash Allowance Bid Items</b>							
CA-1	1	Lump Sum	Provide Lead Testing for the Existing Ground Storage Tank Interior and Exterior Coatings [Contact Lori Vahrenkamp with Pace Environmental at (361) 446-0565]	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
<b>Cash Allowance Bid Item Subtotal (Cash Allowance Item CA-1)</b>					<b>\$1,000.00</b>		<b>\$1,000.00</b>
<b>Grand Total</b>					<b>\$4,321,350.00</b>		<b>\$5,211,625.00</b>



Bid Tabulation  
 City of Port Lavaca  
 Water System Improvements  
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				JTR Constructors, Inc.		Associated Construction Partners, LTD	
Item Number	Approx. Quantity	Unit	Description of Item	Unit Cost	Total Amt	Unit Cost	Total Amt
Alternate Bid Items							
A-1	1	Lump Sum	In lieu of Base Bid Item 17, provide a Combined Chemical Analyzer Including all Associated Valves and Appurtenances needed for a complete installation.	N/B	N/B	N/B	N/B
Alternate Bid Item Subtotal (Alternate Bid Item A-1)					N/B		N/B