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## CITY OF PORT LAVACA

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**CC MEETING:** January 09, 2023

**AGENDA ITEM #**

**DATE:** January 05, 2023

**TO:** JODY WEAVER, INTERIM CITY MANAGER  
**cc:** HONORABLE MAYOR AND CITY COUNCIL MEMBERS

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

**SUBJECT:** Recommendation for Lynn's Bayou WWTF improvement project

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**BACKGROUND:** On December 14, 2022, bids were received by the city of port Lavaca for the Lynn's Bayou wastewater treatment plant improvements project. AECOM was sent the pricing and bid sheets submitted for the three 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:** This project is primarily being paid for out of ARPA funds.

**IMPACT ON COMMUNITY SUSTAINABILITY:** This project will address deficiencies in plant operations as well as addressing several minor TCEQ infractions.

**RECOMMENDATION:** Staff and AECOM recommends awarding the project to JTR Constructors, Inc. for a total of \$1,252,125.00.

**ATTACHMENTS:** Bid Tabulation and engineers letter of recommendation of award..

January 05, 2023

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

**Re: Letter of Recommendation of Award  
Lynn's Bayou Wastewater Treatment Plant Improvements  
AECOM Project No. 60659778**

Dear Ms. Weaver:

On December 14, 2022, bids were received by the City of Port Lavaca (City) for the Lynn's Bayou Wastewater Treatment Plant Improvements project. AECOM received the Pricing and Bid Sheets submitted for the three (3) 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.	\$1,252,125.00
No. 2	LEM Construction Company, Inc	\$1,352,400.00
No. 3	Mahan Construction Consultants, LLC	\$3,090,305.20

Deficiencies were found in the bid received from Mahan Construction Consultants, LLC. The deficiencies are listed in the bid summary sheet attached. Additionally, we understand that Mahan Construction did not submit the bid security required.

After tabulating and reviewing each bid item, AECOM respectfully confirms that JTR Constructors, Inc is the low bidder. JTR Constructors (JTR) is a general contractor out of the Houston area who is routinely involved in construction of water and wastewater treatment plant 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. JTR has not worked directly on City of Port Lavaca projects in the past, but AECOM has previously worked with JTR on two different projects. 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 \$1,252,125.00. Please call me at (281) 675.7668, if you have any questions or require further information.

Sincerely,

A handwritten signature in blue ink, appearing to read "Vinodh" or "Vinoth" followed by a stylized "A".

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  
City of Port Lavaca  
Construction of Lynn's Bayou Wastewater Treatment Plant Improvments  
Bids Opened: December 14, 2022  
Tabulated by: AECOM  
AECOM Project No 60659778



				JTR Constructors, Inc.		LEM Construction Company, Inc		Maban Construction Consultants, LLC	
Item Number	Approx. Quantity	Unit	Description of Item	Unit Cost	Total Amt	Unit Cost	Total Amt	Unit Cost	Total Amt
Base Bid Items									
1	1	Lump Sum	Contractor Bonds and Insurance, Complete Task.	\$40,000.00	\$40,000.00	\$30,000.00	\$30,000.00	\$147,586.20	\$147,586.20
2	1	Lump Sum	Contractor Mobilization of All Equipment, Materials and Personnel To Job Site. Complete In Place.	\$26,000.00	\$26,000.00	\$60,000.00	\$60,000.00	\$213,912.00	\$213,912.00
3	1	Lump Sum	Design of Trench Excavation and Shoring Safety Plan, Complete in Place	\$100.00	\$100.00	\$100.00	\$100.00	\$20,000.00	\$20,000.00
4	1500	Square Feet	"Trench Safety System," All Depths, All Widths, Complete in Place	\$0.50	\$750.00	\$0.10	\$150.00	\$95,000.00*	\$95,000.00*
5	1	Lump Sum	Start-Up and Training. Equipment Training and Plant Start-Up. Complete in Place	\$1,500.00	\$1,500.00	\$3,000.00	\$3,000.00	\$35,000.00	\$35,000.00
6	1	Lump Sum	Demolish existing Sludge Transfer Pump, Motor and Associated Appurtenances as shown on PLANS and detailed in Technical Specifications.	\$5,000.00	\$5,000.00	\$1,000.00	\$1,000.00	\$175,000.00	\$175,000.00
7	1	Lump Sum	Demolish existing Grit Classifier, Grit Pump, Motor and associated valves, piping, electrical panels, conduit, and pipe supports as shown on PLANS and detailed in Technical Specifications.	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00	\$125,000.00	\$125,000.00
8	1	Lump Sum	Construct Prefabricated Metal Building for housing new Blowers including all necessary equipment for the Building including Excavation, Foundation preparation, Concrete Slab and all other necessary work required to construct the Building as shown on PLANS and detailed in Technical Specifications.	\$140,000.00	\$140,000.00	\$230,000.00	\$230,000.00	\$135,000.00	\$135,000.00
9	1	Lump Sum	Furnish and Install two new Centrifugal Blowers with associated Intake filter, Instruments, Pipe Supports and All Associated Valves, Piping, and Appurtenances as shown in the PLANS and detailed in Technical Specifications, Complete in Place	\$168,000.00	\$168,000.00	\$200,000.00	\$200,000.00	\$201,000.00	\$201,000.00
10	1	Lump Sum	Furnish and Install Yard Piping and Pipe Supports for air supply from the new Blowers to connect to the existing air supply header as shown on PLANS and detailed in Technical Specifications.	\$98,000.00	\$98,000.00	\$80,000.00	\$80,000.00	\$301,000.00	\$301,000.00

\* Indicates error

Bid Tabulation  
City of Port Lavaca  
Construction of Lynn's Bayou Wastewater Treatment Plant Improvements  
Bids Opened: December 14, 2022  
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**AECOM**

11	1	Lump Sum	Furnish and install a Sludge Transfer Pump, Motor, Metal Pump Base, Associated Appurtenances as shown in the PLANS and detailed in Technical Specifications, Complete in Place	\$85,000.00	\$85,000.00	\$80,000.00	\$80,000.00	\$275,000.00	\$275,000.00
12	1	Lump Sum	Furnish and install a Grit Classifier with Grit Pump, Motor, Piping, Valves, Instruments, Pipe Supports and All Associated Valves, Piping, and Associated Appurtenances as shown in the PLANS and detailed in Technical	\$381,450.00	\$381,450.00	\$350,000.00	\$350,000.00	\$301,000.00	\$301,000.00
13	1	Lump Sum	Furnish and Install all HVAC Equipment including Louvers, Doors and associated fixtures in the Blower Building as shown in PLANS and detailed in Technical Specifications, Complete in Place	\$30,000.00	\$30,000.00	\$25,000.00	\$25,000.00	\$165,900.00	\$165,900.00
14	1	Lump Sum	Install all Electrical and Instrumentation components for the new Blower Building, Blowers, Transformer Pad, and all ancillary equipment for a complete in place installation, as shown on PLANS and detailed in Technical Specifications.	\$193,000.00	\$193,000.00	\$200,000.00	\$200,000.00	\$75,600.00	\$75,600.00
15	1	Lump Sum	Install all Electrical and Instrumentation components for the new Sludge Transfer Pump and all ancillary equipment for a complete in place installation, as shown on PLANS and detailed in Technical Specifications.	\$2,500.00	\$2,500.00	\$4,000.00	\$4,000.00	\$101,300.00	\$101,300.00
16	1	Lump Sum	Install all Electrical and Instrumentation components for the new Grit Classifier, Grit Pump, and all ancillary equipment for a complete in place installation, as shown on PLANS and detailed in Technical Specifications.	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$75,600.00	\$75,600.00
17	1	Lump Sum	Install an Access Road and Access Ramp in front of the Blower Building as shown on PLANS and detailed in Technical Specifications.	\$20,000.00	\$20,000.00	\$30,000.00	\$30,000.00	\$185,000.00	\$185,000.00
18	1	Lump Sum	Install Concrete Sidewalk on all sides of the Blower Building, including Foundation Preparation as shown on PLANS and detailed in Technical Specifications.	\$20,000.00	\$20,000.00	\$5,000.00	\$5,000.00	\$35,000.00	\$35,000.00

\* Indicates error

Bid Tabulation  
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**AECOM**

19	1	Lump Sum	Site work, including site grading, excavation and fill, clearing and grubbing, site storm drainage, structures and sewers, storm water pollution prevention control facilities, miscellaneous structures, and all appurtenances as shown on PLANS and detailed in Technical Specifications.	\$5,000.00	\$5,000.00	\$25,000.00	\$25,000.00	\$195,000.00	\$195,000.00
20	1	Lump Sum	Contractor Demobilization of All Equipment, Materials and Personnel From Job Site. Complete in Place.	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$213,912.00	\$213,912.00
<b>Base Bid Items Subtotal (Base Bid Items 1 - 20)</b>					<b>\$1,244,300.00</b>		<b>\$1,346,250.00</b>		<b>\$3,071,810.20</b>
<b>Supplemental Bid Items</b>									
S-1	5	Cubic Yard	Extra Sand Encasement in addition to Sand Encasement included in Base Bid Items, When Authorized by Owner, Complete in Place	\$30.00	\$150.00	\$20.00	\$100.00	\$95.00	\$475.00
S-2	5	Cubic Yard	Extra Structural Excavation, When Authorized by Owner, Complete in Place	\$25.00	\$125.00	\$25.00	\$125.00	\$1,000.00	\$5,000.00
S-3	5	Cubic Yard	Extra Compacted Sand fill, When Authorized by Owner, Complete in Place	\$20.00	\$100.00	\$20.00	\$100.00	\$135.00	\$675.00
S-4	5	Cubic Yard	Extra Bank Sand Backfill, When Authorized by Owner, Complete in Place	\$20.00	\$100.00	\$20.00	\$100.00	\$300.00	\$1,500.00
S-5	5	Cubic Yard	Extra Cement-Stabilized Sand Backfill, When Authorized by Owner, Complete in Place	\$50.00	\$250.00	\$25.00	\$125.00	\$475.00	\$2,375.00
S-6	5	Cubic Yard	Extra Class "A" Concrete, When Authorized by Owner, Complete in Place	\$500.00	\$2,500.00	\$200.00	\$1,000.00	\$575.00	\$2,875.00
S-7	5	Cubic Yard	Extra Class "B" Concrete, When Authorized by Owner, Complete in Place	\$200.00	\$1,000.00	\$200.00	\$1,000.00	\$500.00*	\$2,500.00*
S-8	100	Square Feet	Extra Asphaltic Concrete Pavement, When Authorized by Owner, Complete in Place	\$15.00	\$1,500.00	\$15.00	\$1,500.00	\$500.00	\$2,500.00
S-9	100	Pounds	Extra Reinforcing Steel, When Authorized by Owner, Complete in Place	\$3.00	\$300.00	\$3.00	\$300.00	\$5.95	\$595.00
<b>Supplemental Bid Items Subtotal (Supplemental Items S-1 to S-9)</b>					<b>\$6,025.00</b>		<b>\$4,350.00</b>		<b>\$18,495.00</b>
<b>Cash Allowance Bid Items</b>									
CA-1	1	Lump Sum	Survey, Legal Description, and Construction Staking of AEP Easement [Contact Brandon Absher with CivilCorp at (361) 570-7500]	\$1,800.00	\$1,800.00	\$1,800.00	\$1,800.00	\$0.00*	\$0.00*
<b>Cash Allowance Bid Items Subtotal (Cash Allowance Items CA-1)</b>					<b>\$1,800.00</b>		<b>\$1,800.00</b>		<b>\$0.00</b>
<b>Grand Total</b>					<b>\$1,252,125.00</b>		<b>\$1,352,400.00</b>		<b>\$3,090,305.20</b>

\* Indicates error