



Board of Alderman Request for Action

MEETING DATE: 6/21/2022

DEPARTMENT: Public Works

AGENDA ITEM: Resolution 1084, Awarding RFP 22-17 Aerobic Digester Improvements to David E. Ross Construction Co. in an amount of \$491,900.

RECOMMENDED ACTION:

A motion to approve Resolution 1084, awarding RFP 22-17 Aerobic Digester Improvements to David E. Ross Construction Co. in an amount not to exceed \$491,900.

SUMMARY:

Aeration is an important step in the treatment process promoting the biological oxidation of the wastewater and providing 80 to 90 of BOD removal. Our current system consists of PVC piping at the bottom of the digester tank. Over years of service the PVC becomes brittle and cracks and aeration is not uniform. To make repairs, the digester tank needs to be emptied and cleaned. The floating aerator pushes the air down into the tank while the equipment floats on the surface of the digester.

Attached is the recommendation from HDR and Bid Tab.

PREVIOUS ACTION:

none

POLICY ISSUE:

Maintaining infrastructure

FINANCIAL CONSIDERATIONS:

This project was included in the 2022 Utilities CIP Budget in an amount of \$320,000. There is sufficient funds in the Combined Water and Wastewater Systems Fund for this project. This project cost was included in the rate analysis. A budget amendment is prepared for the Boards consideration.

ATTACHMENTS:

- | | |
|--|-----------------------------------|
| <input type="checkbox"/> Ordinance | <input type="checkbox"/> Contract |
| <input checked="" type="checkbox"/> Resolution | <input type="checkbox"/> Plans |
| <input type="checkbox"/> Staff Report | <input type="checkbox"/> Minutes |
| <input checked="" type="checkbox"/> Other: Engineers recommendation -Bid Tab | |

RESOLUTION 1084

A RESOLUTION AWARDING RFP 22-17 AEROBIC DIGESTOR IMPROVEMENTS TO DAVID E. ROSS CONSTRUCTION CO. IN AN AMOUNT OF \$491,900

WHEREAS, aeration is an important step in the treatment process promoting the biological oxidation of the wastewater and providing 80 to 90 of BOD removal; and

WHEREAS, the 2022 Capital Improvement Program for the Utilities Division of the Public Works Department contained the replacement of the aerator in digester one at the Wastewater Treatment Plant; and

WHEREAS, additional electrical and process upgrades are necessary for the new aerator to function properly; and

WHEREAS, after a bid process, as outlined in the City Purchasing Policy, and reference checks, staff is recommending the bid received from David E. Ross Construction Co., is the most responsive and best bid received and the most advantageous to the City in the amount of \$491,900.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF ALDERMEN OF THE CITY OF SMITHVILLE, MISSOURI:

THAT Bid No. 22-17 is hereby awarded to David E. Ross Construction Co., in the amount of \$491,900.

PASSED AND ADOPTED by the Board of Aldermen and **APPROVED** by the Mayor of the City of Smithville, Missouri, this 21st day of June, 2022.

Damien Boley, Mayor

ATTEST:

Linda Drummond, City Clerk



June 10, 2022

Charles Soules, Public Works Director
City of Smithville
107 W. Main Street
Smithville, MO 64089

**RE: RFP #22-17 Aerobic Digester No. 1 Improvements
HDR #10335101**

Dear Mr. Soules,

HDR reviewed three (3) bid packets from the June 2, 2022 bid opening for the referenced project. Upon preparation and review of the Tabulation of Bids, HDR has confirmed that the low bidder for the above referenced project was David E. Ross Construction Co. The base bid was \$468,800.00 and the total base bid with Add Alt No. 1 was \$491,900.00. A copy of the Tabulation of Bids is attached.

The Engineer's Opinion of Probable Construct Cost was \$447,000.00 which is approximately 10% below the lowest bid. The discrepancy between the Engineer's Opinion of Probable Construct Cost and the lowest bid can be attributed to increases in fuel prices, the war in the Ukraine, supply chain issues, inflation, and overall market volatility that has accompanied the COVID-19 pandemic.

We reached out to David E. Ross Construction Co. to confirm everything is in order to work on this project. David E. Ross Construction Co. also confirmed that they were comfortable with their bid amount and contract period (construction period will be dependent upon equipment procurement). David E. Ross Construction Co. has an extensive history with wastewater treatment plant construction and would be able to start the project as soon as possible if awarded.

HDR has received a list of recent projects and references from David E. Ross Construction Co. HDR has worked with David E. Ross Construction Co. on many projects over the years, including the Smithville Wastewater Treatment Plant Expansion in 2007. This project was successfully completed to the Owner's satisfaction.

HDR recommends awarding RFP #22-17 Aerobic Digester No. 1 Improvements to David E. Ross Construction Co., in the amount of \$491,900.00. If the City of Smithville concurs, please return a signed copy of the attached Notice of Award. HDR will forward it along with the required Contract Documents to David E. Ross Construction Co.

Please let me know if there are any questions or if you would like to discuss any of these comments.
I can be reached at 816-347-1176 or Derek.Patrick@HDRinc.com.

Sincerely,
HDR Engineering Inc.

A handwritten signature in black ink, appearing to read "Derek Patrick".

Derek A. Patrick, P.E.
Project Manager

Cc: Bob Lemley – *Utilities Superintendent*

Attachments: Aerobic Digester No. 1 Improvements – Bid Tabulation
Notice of Award

CITY OF SMITHVILLE, MO
AEROBIC DIGESTER NO. 1 IMPROVEMENTS



RFP # 22-17
HDR Project No. 10335101
BID OPENING: 6/2/2022 @ 2:00 p.m.

Below is a tabulation of the bids submitted for this project.

Contractor	Bid Bond	Add'm No. 1	Base Bid Amount	Base Bid Amount Plus Alt
David E. Ross Construction Co. Inc.	X	X	\$468,800.00	\$491,900.00
Irvinbilt Constructors, Inc.	X	X	\$679,153.18	\$703,753.18
Mega KC	X	X	\$523,280.00	\$546,280.00
Engineer's Estimate Plus Alt			\$447,000.00	

NOTICE OF AWARD

Date of Issuance:

Owner: **City of Smithville, Missouri**

Owner's Project No.: **RFP #22-17**

Engineer: **HDR Engineering, Inc.**

Engineer's Project No.: **10335101**

Project: **Aerobic Digester No. 1 Improvements**

Contract Name: **Authorization 95**

Bidder: **David E. Ross Construction Co.**

Bidder's Address: **10201 E. 75th Street, Raytown, MO 64138**

You are notified that Owner has accepted your Bid dated June 2, 2022, for the above Contract, and that you are the Successful Bidder and are awarded a Contract for:

Aerobic Digester No. 1 Improvements

The Contract Price of the awarded Contract is **Four Hundred and Ninety-One Thousand Nine Hundred Dollars (\$491,900.00)**. Contract Price is subject to adjustment based on the provisions of the Contract, including but not limited to those governing changes, Unit Price Work, and Work performed on a cost-plus-fee basis, as applicable.

Four unexecuted counterparts of the Agreement accompany this Notice of Award, and one copy of the Contract Documents accompanies this Notice of Award, or has been transmitted or made available to Bidder electronically.

☒ Drawings will be delivered separately from the other Contract Documents.

You must comply with the following conditions precedent within 15 days of the date of receipt of this Notice of Award:

1. Deliver to Owner Four counterparts of the Agreement, signed by Bidder (as Contractor).
2. Deliver with the signed Agreement(s) the Contract security (such as required performance and payment bonds) and insurance documentation, as specified in the Instructions to Bidders and in the General Conditions, Articles 2 and 6.
3. Other conditions precedent (if any): Affidavit of Work Authorization and Documentation (E-Verify)

Failure to comply with these conditions within the time specified will entitle Owner to consider you in default, annul this Notice of Award, and declare your Bid security forfeited.

Within 10 days after you comply with the above conditions, Owner will return to you one fully signed counterpart of the Agreement, together with any additional copies of the Contract Documents as indicated in Paragraph 2.02 of the General Conditions.

Owner: **City of Smithville, MO**

By (signature): _____

Name (printed): **Charles Soules, P.E.**

Title: **Public Works Director**

Copy: Engineer