



## AGENDA MEMORANDUM

Future Item for the City Council Meeting of October 28, 2014  
Action Item for the City Council Meeting of November 11, 2014

**DATE:** October 13, 2014

**TO:** Ronald L. Olson, City Manager

**THRU:** Gustavo Gonzalez, P.E., Assistant City Manager, Public Works and Utilities  
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### **Engineering Construction Contract**

Oso Water Reclamation Plant Clarifier No. 5 Trough Replacement  
& Chlorine Contact Chamber Repairs

### **CAPTION:**

Motion authorizing the City Manager or designee to execute a construction contract with CSA Construction, Inc. of Houston, Texas in the amount of \$444,800 for the Oso Water Reclamation Plant Clarifier No. 5 Trough Replacement & Chlorine Contact Chamber Repairs for the Base Bid plus Additive Alternative No. 1 and 2.

### **PURPOSE:**

The purpose of this agenda item is to obtain authority to execute a construction contract with CSA Construction, Inc.

### **BACKGROUND AND FINDINGS:**

This project serves to replace damaged components of both Oso Water Reclamation Plant Chlorine Contact Chambers No. 3 and No. 4 as well as Clarifier No. 5, including the weir troughs, stilling well, scum baffles, angle braces, traveling bridge guide pipes, skimmer blades, pillow blocks, slide gate, and associated appurtenances.

This project includes two additive alternates. Additive Alternate No. 1 includes the replacement of knee braces on the south side of Clarifier No. 5 and shoring and weir trough realignment associated with the knee brace replacement. Additive Alternate No. 2 includes the work associated with the removal and replacement of three slide gates on the effluent channel of Clarifier No. 5.

These improvements are required to extend the life of the Oso Water Reclamation Plant and to meet the Texas Commission on Environmental Quality permit.

On July 23, 2014, the City received proposals from four (4) bidders and their respective bids are as follows:

<b>Contractor</b>	<b>Base Bid</b>	<b>Add. Alt. No. 1</b>	<b>Add. Alt. No. 2</b>	<b>Total</b>
CSA Construction, Inc. Houston, TX	\$382,000.00	\$15,100.00	\$47,700.00	\$444,800.00
JS Haren Athens, TN	\$433,000.00	\$15,000.00	\$19,500.00	\$467,500.00
Associated Contractors Partners Boerne, TX	\$475,000.00	\$65,000.00	\$27,000.00	\$567,000.00
Palacios Marine & Industrial Coatings, Inc. Palacios, TX	\$534,896.00	\$89,996.00	\$141,597.00	\$766,489.00

The Engineer's Opinion of Probable Construction Cost, including the additive alternates, is \$514,000.

**ALTERNATIVES:**

1. Authorize the execution of the construction contract.
2. Do not authorize the execution of the construction contract. (Not Recommended)

**OTHER CONSIDERATIONS:**

The City's engineer, LNV, Inc., conducted a bid analysis of the four (4) proposals submitted to the City. The lowest bidder based on the total base bid plus additive alternative No. 1 and 2 is CSA Construction, Inc. of Houston, Texas. Based on the information submitted in accordance with the contract documents, CSA Construction, Inc. has the experience and resources to complete the project.

**CONFORMITY TO CITY POLICY:**

Conforms to City Fiscal Policy

**EMERGENCY / NON-EMERGENCY:**

Non-Emergency

**DEPARTMENTAL CLEARANCES:**

Utilities Department

**FINANCIAL IMPACT:**
 Operating     Revenue     Capital     Not applicable

<b>Fiscal Year 2014-2015</b>	<b>Project to Date Expenditures</b>	<b>Current Year</b>	<b>Future Years</b>	<b>TOTALS</b>
Line Item Budget		\$2,920,000.00		\$2,920,000.00
Encumbered / Expended Amount		\$48,518.00		\$48,518.00
This Item		\$444,800.00		\$444,800.00
Future Anticipated Expenditures This Project		\$111,764.00		\$112,046.00
<b>BALANCE</b>		<b>\$2,314,918.00</b>		<b>\$2,314,918.00</b>

Fund(s): Wastewater CIP #2

**Comments:** This project requires approximately 205 calendar days with anticipated completion May 2015. The construction contract will result in the expenditure of an amount not to exceed \$444,800.

**RECOMMENDATION:**

City Staff recommends approval of the construction contract with CSA Construction, Inc. of Houston, Texas in the amount of \$444,800 for the Oso Water Reclamation Plant Clarifier No. 5 Trough Replacement & Chlorine Contact Chamber Repairs for the Base Bid and Additive Alternative No. 1 and 2.

**LIST OF SUPPORTING DOCUMENTS:**

Project Budget  
Location Map  
Presentation