



## AGENDA MEMORANDUM

Action Item for the City Council Meeting of September 17, 2024

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**DATE:** September 17, 2024

**TO:** Peter Zanoni, City Manager

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<b>Construction Contract Award</b> <b>Nueces Bay Boulevard &amp; Poth Lane Waterline Replacement</b>
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### **CAPTION:**

Motion awarding a construction contract to Jhabores Construction Company, Inc., Corpus Christi, Texas, for the Nueces Bay Boulevard & Poth Lane Waterline Replacement project in an amount of \$11,219,911.80, located in Council District 1, with FY 2024 funding available from the American Rescue Plan Act and Water Capital Fund.

### **SUMMARY:**

This motion approves a construction contract for the Nueces Bay Boulevard & Poth Lane Waterline Replacement project. The project includes the abandonment and removal of approximately four (4) miles of waterline and replacement with new polyvinyl chloride (PVC) waterline along Nueces Bay Boulevard and Poth Lane through conventional open trench method and bore and directional drilling installation.

### **BACKGROUND AND FINDINGS:**

The existing waterlines along Nueces Bay Boulevard and Poth Lane consist primarily of sixteen inch (16") cast iron pipe that was originally installed in 1954 and also between the period of 1971 and 1978. This aging water line continues to have increased instances of breaks and maintenance issues. Main breaks and leaks on these lines have been difficult to repair due to the age of the water line and the proximity of other utilities and petrochemical lines.

This project consists of the abandonment and removal of approximately four (4) miles of sixteen (16) inch cast iron pipe and replacement with sixteen (16) inch PVC waterline. The new lines will be installed along two corridors along Nueces Bay Boulevard and Poth Lane. In addition, a section of new eight (8) inch PVC waterline will be installed along Poth Lane between Up River Road and Interstate 37. The new waterline will be installed by conventional trench methods, boring, and horizontal directional drilling (HDD).

The project will specifically consist of the installation of 16,324 linear feet of 16-inch C900 DR18 PVC, 127 linear feet of 16-inch ductile iron, 62 linear feet of 12-inch C900 DR18 PVC, 28 linear feet of 10-inch C900 DR18 PVC, 1,089 linear feet of 8-inch C900 DR18 PVC, 20 linear feet of 8-inch ductile iron, 63 linear feet of 6-inch ductile iron, and 681 linear feet of 6-inch C900 DR18 PVC waterline by open trench conventional methods. Additionally, 1,626 feet of 16-inch C900 DR18 PVC will be installed by boring and another 1,815 linear feet of 16-inch C900 DR18 Fusible PVC water line will be installed by HDD. Along with the appropriate appurtenances, seventy-eight (78) valves and fourteen (14) new fire hydrants will also be installed

**PROJECT TIMELINE:**

2021-2024	2024			2024-2026
<b>February - June</b>	<b>J</b>	<b>A</b>	<b>S</b>	<b>October - May</b>
<b>Design</b>	<b>Bid/Award</b>			<b>Construction</b>

Projected Schedule reflects City Council award in September 2024 with anticipated construction completion by May 2026.

**COMPETITIVE SOLICITATION PROCESS:**

The Contracts and Procurement Department issued a Request for Bid. On July 22, 2024, the city received five bids. Each bid was reviewed per the contract documents and it was determined that Jhabores Construction Company, Inc., is the lowest responsive and responsible bidder.

A summary of the bids is provided below:

<b>BID SUMMARY</b>	
<b>CONTRACTOR</b>	<b>BASE BID</b>
<b>Jhabores Construction Company, Inc.</b>	<b>\$11,219,911.80</b>
MAX Underground Construction	\$11,879,612.88
Gerke Excavating	\$12,141,289.69
Reytec Construction	\$13,357,317.60
Spiess Construction Co., Inc.	\$15,055,135.00

<b>Engineer's Opinion of Probable Construction Cost</b>	<b>\$16,033,745.40</b>
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Jhabores Construction Company, Inc., has significant experience working on City projects including Citywide Waterline Repair/Replace Small Diameter IDIQ FY 2023 Part B, Frontier Dr Bond 2020, Emergency Declaration Wastewater Line at Old Brownsville Rd and Horne Rd, and Holly Road Bond 2012.

The engineer's opinion of probable construction costs is higher than the submitted bids for several factors. The installation of this line is challenging due to the proximity of other utilities and petrochemical lines which makes it difficult to predict how a contractor will interpret the level of difficulty. Additionally, the contractor interest in this project increased the competitive nature of the bid process with five qualified contractors submitting bid packages.

**ALTERNATIVES:**

City Council could choose not to award the construction contract to the low bidder, Jhabores Construction Company, Inc. which would delay necessary planned water infrastructure improvements.

**FISCAL IMPACT:**

The fiscal impact for Corpus Christi Water in FY 2024 is an amount of \$11,219,911.80 with funding available from the American Rescue Plan Act and Water Capital Fund.

**FUNDING DETAIL:**

Fund: **American Rescue Plan Act (Fund 1076)**  
Department: Water (45)  
Organization: Grants & Capital Projects Funds (89)  
Project: Nueces Bay Boulevard & Poth Lane Waterline Replacement (Project No. 21039)  
Account: Construction (550910)  
Activity: 421005F  
Amount: \$1,870,783.24

Fund: **Water 2024 CIP (Fund 4491)**  
Department: Water (45)  
Organization: Grants & Capital Projects Funds (89)  
Project: Nueces Bay Boulevard & Poth Lane Waterline Replacement (Project No. 21039)  
Account: Construction (550910)  
Activity: 21039-4491-EXP  
Amount: \$9,349,128.56

**RECOMMENDATION:**

Staff recommends awarding a construction contract to Jhabores Construction Company, Inc., for the Nueces Bay Boulevard & Poth Lane Waterline Replacement project in the amount of \$11,219,911.80. The construction duration is planned for 19 months from issuance of Notice to Proceed to begin construction in October 2024.

**LIST OF SUPPORTING DOCUMENTS:**

Bid Tabs

CIP Page  
Location and Vicinity Maps  
PowerPoint Presentation