



## **AGENDA MEMORANDUM**

Action Item for the City Council Meeting of September 23, 2025

**DATE:** September 23, 2025

**TO:** Peter Zaroni, City Manager

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<p><b><u>Construction Contract Award and Professional Services Contract Amendment</u></b> <b>Sand Dollar Connection Line 16" (Coral Vine)</b></p>
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### **CAPTION:**

Motion awarding a construction contract to Guerra Underground, LLC, of Austin, Texas for the Sand Dollar Connection Line 16" (Coral Vine) project in an amount up to \$9,997,672.00 for the Base Bid plus Additive Alternate No. 2 and authorizing a professional services contract amendment no. 2 with Garver, of Houston, Texas with an office in Corpus Christi for construction administration phase services in an amount of \$201,025.00 with a total contract value of \$884,985.00, located in Council District 4, with FY 2025 funding available from the Water Capital Fund.

### **SUMMARY:**

This motion authorizes a construction contract to Guerra Underground, LLC for the Sand Dollar Connection Line 16" (Coral Vine) project and a professional services contract amendment for additional geotechnical investigation and construction administration phase services with Garver. The project scope of work includes the construction of a 16-inch waterline to enhance the capacity of the City's water distribution network on Padre Island and the construction of a 20-inch waterline to provide redundancy in a critical area of the water distribution system.

### **BACKGROUND AND FINDINGS:**

Corpus Christi Water operates the Padre Island water distribution system on a separate pressure zone, the Padre Island Pressure Plane, from the mainland, the Main Pressure Plane, using the Sand Dollar Pump Station and Coral Vine Elevated Storage Tank (EST) to supply water to the

residents of Padre Island. This project will allow the Sand Dollar Pump Station to more easily control operation of the Coral Vine EST and provide adequate water supply for the anticipated growth and development on Padre Island. Strengthening of the distribution system is necessary to maintain normal operations and provide a reliable water supply to Padre Island.

The new 16-inch water line will connect the Sand Dollar Pump Station to the Coral Vine EST. Interconnections with the existing distribution system will improve water pressure. The new 16-inch water transmission main will be installed within TxDOT right-of-way. Appurtenances will be placed along the alignment to help with maintenance. The limits for rehabilitation were provided by Corpus Christi Water to fully remove the existing 16-inch Asbestos Cement Pipe from Whitecap Blvd. to Commodores Drive. The existing 12-inch Asbestos Cement Pipe from Whitecap Blvd. to the Kleberg County Line is to be replaced with a new 16-inch American Water Works Association (AWWA) standardized C900 PVC pipe to support increased water demand.

The City has a single 20-inch transmission main from the Sand Dollar Pump Station to Commodores Drive. Water supply is a concern if the existing 20-inch transmission main ever fails or if maintenance practices require temporary shutdown of the transmission main. The new 20-inch transmission will provide redundancy in the distribution system from the Sand Dollar Pump Station to Commodores Drive.

The project will specifically consist of:

1. The installation of approximately 10,900 linear feet (LF) of 16-inch waterline, 560 LF of 12-inch waterline, and 60 LF of 8-inch waterline along with the corresponding High-Density Polyethylene (HDPE) casing installed through trenchless methods under roadways and waterline appurtenances.
2. The connection to the existing 6-inch and 16-inch waterlines on Commodores Dr. The installation of approximately 60 LF of 8-inch waterline and 500 LF of 16-inch waterline along with the corresponding HDPE casing through trenchless methods under the roadway. The connection to the existing 12-inch waterline on Park Road 22.
3. The installation of approximately 2,170 LF of 20-inch waterline to provide redundancy for the Padre Island Pressure Plane distribution system.
4. The rehabilitation of approximately 4,600 LF of 16-inch waterline via Close Tolerance Pipe Slurrification (CTPS) with Fusible PVC. Provide temporary water service for existing fire hydrants, services, and interconnections during the rehabilitation.
5. The removal of approximately 4,246 LF of existing Asbestos Cement Pipe waterline, 3,804 LF of cast iron waterline, and ductile iron waterline within TxDOT ROW. Approximately 1,757 LF of asbestos waterline will be grout-abandoned underneath the pavement.

The project includes three options for the rehabilitation of the existing 16-inch ACP:

1. Base Bid: Pressure Rated Cured-in-Place Pipe (CIPP Liner)
  - a. Rehabilitate approximately 4,600 LF of 16-inch waterline with pressure rated CIPP Liner.
  - b. The CIPP Liner extends the service life span of the Asbestos Cement Pipe by approximately 50 years.
2. Alternate No. 1: Inserted Reinforced Hose System (Bullet Liner)
  - a. Rehabilitate approximately 4,600 LF of 16-inch waterline with Bullet Liner.
  - b. The Bullet Liner extends the service life span of the Asbestos Cement Pipe by

approximately 50 years.

3. Alternate No. 2: Close Tolerance Pipe Slurrification (CTPS) with Fusible PVC
  - a. Rehabilitate approximately 4,600 LF of 16-inch waterline with the CTPS method for removal and replacement with Fusible PVC pipe.
  - b. The CTPS process removes the Asbestos Cement Pipe and provides new fusible AWWA C900 PVC pipe with a service life span of 50 years to 100+ years.
  - c. Asbestos Cement Pipe shall be disposed of according to EPA, TCEQ, and TxDOT requirements.

Close Tolerance Pipe Slurrification is a trenchless technology method used to remove and replace existing Asbestos Cement Pipe with minimal excavation. CCW prefers to remove the existing Asbestos Cement Pipe via the CTPS method and install new Fusible PVC pipe in its place because this is the most cost-effective bid option that provides the best longevity for the pipe. This option also provides ease of maintenance because CCW staff already have the tools, training, and experience necessary to maintain PVC waterlines. The CIPP Liner and Bullet Liner options would require specialized maintenance and the acquisition of new tools plus training.

#### **PROJECT TIMELINE:**

2023 - 2025	2025	2025 - 2026
November - June	June - September	October - December
<b>Design</b>	<b>Bid/Award</b>	<b>Construction</b>

The project schedule reflects City Council award in September 2025 with anticipated construction completion by December 2026.

#### **COMPETITIVE SOLICITATION PROCESS:**

On June 29, 2025, the Contracts and Procurement Department issued a Request for Bids (RFB #6672) for the Sand Dollar Connection Line 16" (Coral Vine) project.

On August 14, 2025, the City received five bids. The City analyzed the bids according to the contract documents and determined that Guerra Underground, LLC was the lowest responsive and responsible bidder. As the lowest bid received was within the acceptable range of the Engineer's Opinion of Probable Construction Cost, the City has elected to proceed with the project.

The Base Bid provides for the rehabilitation of the 16-inch waterline via Pressure Rated CIPP Liner. The Additive Alternate No. 1 provides for the rehabilitation of the 16-inch waterline via Inserted Reinforced Hose System (Bullet Liner). The Additive Alternate No. 2 provides for the rehabilitation of the 16-inch waterline via Close Tolerance Pipe Slurrification (CTPS) with Fusible PVC pipe.

A summary of the bid results is provided below. CCW has elected to proceed with the third option which is CTPS method with Fusible PVC pipe.

<b>BID SUMMARY</b>			
<b>CONTRACTOR</b>	<b>BASE BID</b> <i>CIPP Liner</i>	<b>BASE BID +</b> <b>ALTERNATE 1</b> <i>Bullet Liner</i>	<b>BASE BID +</b> <b>ALTERNATE 2</b> <i>CTPS with Fusible PVC</i>
<b>Guerra Underground, LLC</b>	<b>\$8,997,924.00</b>	<b>\$11,034,108.00</b>	<b>\$9,997,672.00</b>
Clark Pipeline Services	\$11,599,891.46	\$11,298,958.14	\$10,379,006.54
Gerke Excavating	\$11,412,193.95	\$12,328,614.33	\$10,405,750.39
M5 Utilities	\$11,888,150.49	\$11,593,087.25	\$10,514,735.21
Jhabores Construction Company, Inc.	\$12,152,005.60	\$13,064,619.60	\$11,913,533.60
<b><i>Engineer's Opinion of Probable Construction Cost</i></b>	<b>\$10,790,000.00</b>	<b>\$12,680,000.00</b>	<b>\$12,910,000.00</b>

Guerra Underground, LLC, has significant experience working on similar construction projects for the City of Corpus Christi as a subcontractor to the prime contractor. Listed below are the recent projects that have been completed:

- Airport Road (Morgan Avenue to Horne Road) awarded on December 5, 2023, subcontractor to JE Construction Services, LLC.
- Carroll Lane (Holly Road to Dead End) awarded on April 18, 2023, subcontractor to JE Construction Services, LLC.
- Trinity River Drive (FM 624 to Wood River Drive) awarded on March 28, 2023, subcontractor to JE Construction Services, LLC.

Additional projects awarded to Guerra Underground, LLC over the past five years include projects for the San Antonio Waters System, City of Rockport, City of San Marcos, City of Seguin, and the City of Laredo, which have ranged in value from \$2.0 million to \$14.3 million.

### **ALTERNATIVES:**

City Council could choose not to award the construction contract to the low bidder, Guerra Underground, LLC, which would delay the necessary water infrastructure improvements to strengthen the distribution system that is crucial to ensure normal operations and a reliable water supply to Padre Island.

**FISCAL IMPACT:**

The fiscal impact for Corpus Christi Water in FY 2025 is an amount of \$4,500,000.00 for the construction contract and \$201,025.00 for the professional services contract amendment with funding available from the Water Capital Fund. The remaining funds will be incurred in FY26 in an amount of \$5,497,672.00.

**FUNDING DETAIL:**

Fund: Water 2025 CIP (Rv Bds) (Fund 4492)  
Department: Water (45)  
Organization: Grants & Capital Projects Funds (89)  
Project: Sand Dollar Connection Line 16" (Coral Vine) (Project No. 23021)  
Account: Construction (550910)  
Activity: 23021  
Amount: \$4,500,00.00

Fund: Water 2025 CIP (Rv Bds) (Fund 4492)  
Department: Water (45)  
Organization: Grants & Capital Projects Funds (89)  
Project: Sand Dollar Connection Line 16" (Coral Vine) (Project No. 23021)  
Account: Outside Consultants (550950)  
Activity: 23021  
Amount: \$201,025.00

Year 1 (FY2025): \$4,500,000.00

\$201,025.00

Year 2 (FY2026) \$5,497,672.00

**Total: \$10,198,697.00**

**RECOMMENDATION:**

Staff recommends awarding the construction contract to Guerra Underground, LLC for the Sand Dollar Connection Line 16" (Coral Vine) project in the amount of \$9,997,672.00 for the Base Bid plus Additive Alternate No. 2 and authorizing the professional services contract amendment no. 2 with Garver for construction administration phase services in an amount of \$201,025.00. The construction duration is planned for 14 months from issuance of the Notice to Proceed to begin construction in October 2025.

**LIST OF SUPPORTING DOCUMENTS:**

Location and Vicinity Map  
Bid Tabulation  
CIP Page  
Presentation