



AGENDA MEMORANDUM

Action Item for the City Council Meeting of February 9, 2021

DATE: February 9, 2021

TO: Peter Zaroni, City Manager

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<p style="text-align: center;"><u>Professional Services Contract</u> Nueces Bay Blvd. & Poth Lane Waterline Replacement</p>

CAPTION:

Motion awarding a professional services contract to Hanson Professional Services, Inc., Corpus Christi, Texas, for engineering design, bid, and construction phase services for the reconstruction of 16-inch waterlines that run along Nueces Bay Blvd. and Poth Lane, located in Council District 1, in an amount of \$428,405.00, with FY 2021 funding available from the Water Capital Improvement Program Fund.

SUMMARY:

This motion awards a professional services contract to provide engineering design, bid, and construction phase services for the reconstruction of approximately 16,000 LF (three miles) of 16-inch waterlines along Nueces Bay Blvd. and Poth Lane.

BACKGROUND AND FINDINGS:

The existing waterlines along Nueces Bay Blvd. and Poth Lane provide service to industrial facilities located along the Ship Channel. The 16-inch cast iron pipe waterlines were built in 1954 and 1971-1978, respectively, and have experienced several breaks and maintenance issues since their construction.

Currently, the City is also working on the design of elevated storage water tanks in which the Nueces Bay Blvd. and Poth Lane water lines will service. When the new Citywide elevated storage water tanks are put into service, the increased operating pressure may result in failures in the water distribution lines. The existing waterlines may break, and consequently the water supply to industry area would be halted. Therefore, it is imperative that the existing waterlines be replaced to avoid any interruption of service in water or other potential problems.

The professional services contract provides for the design of the 16-inch waterline, preparation of construction plans, specifications, cost estimates, and all applicable permits for the waterline replacement.

PROJECT TIMELINE:

2021				2021 - 2023
Jan - July	A	S	O	November - May
Design	Bid/Award			Construction

Project schedule reflects City Council award of design in January 2021 with anticipated completion May 2023.

COMPETITIVE SOLICITATION PROCESS

Contracts and Procurement conducted a competitive Request for Qualification (RFQ 2667) process to obtain proposals for Professional Engineering Services. Eight firms submitted for the Nueces Bay Blvd. & Poth Lane Waterline Replacement project. Hanson Professional Services, Inc. was selected for the Nueces Bay Blvd. & Poth Lane Waterline Replacement project. Hanson Professional Services, Inc., was the highest ranked firm.

The selection committee was comprised of representatives from the Utilities Department and Engineering Services. The final evaluation ranked Hanson as the highest ranked firm based on five factors: 1) firm's experience and qualifications, 2) experience and qualifications of the project manager and key staff, 3) project approach and management plan, 4) capacity to meet the project requirements and timelines, and 5) past performance.

Hanson Professional Services, Inc., has provided professional services for several City projects. Some of the projects, which include waterline replacement, are Residential Street Rebuild Program, Gollihar Road, Staples Street, and Williams Drive Phase II. Hanson also recently completed a nine mile, 30-inch waterline project for the City of Fort Stockton, Texas.

ALTERNATIVES:

Any alternative to awarding this contract to Hanson Professional Services, Inc., will delay construction of the project and could result in waterline breaks when elevated storage tanks are implemented.

FISCAL IMPACT:

The fiscal impact for FY 2021 is an amount of \$428,405.00 with funding available through the Water CIP Fund.

FUNDING DETAIL:

Fund: Water 2020 CIP (Fund 4099)
Mission Elem: Water Distribution (041)
Project: Nueces Bay Blvd. & Poth Lane Waterline Replacement (21039)
Account: Outside Consultants (550950)
Activity: 21039-4099-EXP
Amount \$428,405.00

RECOMMENDATION:

Staff recommends award of the professional services contract with Hanson Professional Services, Inc., in the amount of \$428,405.00. The design phase will start in January with design completion planned in July 2021. Construction is planned to start in November 2021 with completion in May of 2023.

LIST OF SUPPORTING DOCUMENTS:

Location and Vicinity Map
Contract