



AGENDA MEMORANDUM

Motion Item for the City Council Meeting of March 26, 2024

DATE: March 26, 2024

TO: Peter Zanoni, City Manager

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<p style="text-align: center;">Professional Services Contract Oso Creek Channel Bottom Rectification</p>
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CAPTION:

Motion authorizing a professional services contract with Hanson Professional Services Inc., Corpus Christi, Texas, in an amount of \$4,192,377 for the Oso Creek Channel Bottom Rectification project to provide design services to enhance the capacity of the Oso Creek, located in Council District 5, with FY 2024 funding available from a Texas Water Development Board Loan.

SUMMARY:

This motion authorizes approval of a professional services contract to perform a feasibility study and design services for a segment of Oso Creek within City limits and associated stormwater projects to reduce flood waters from Oso Creek.

BACKGROUND AND PURPOSE:

Oso Creek, within the limits of Corpus Christi, is located between Greenwood Drive and Yorktown Blvd, and is approximately 12 miles in length, flowing into Oso Bay. During the City's most major storm events, Oso Creek overtops and causes flooding in South Corpus Christi.

The intent of the project is to evaluate options for improving drainage. This professional services contract will provide services for a feasibility study, which includes coordination with city, county, and state officials, a survey of existing conditions, a detailed drainage study, a project phasing plan, and engineering design of the decided improvements.

PROJECT TIMELINE:

2024 - 2025	2025 - 2026
April - April	May May
Feasibility Study	Design Phase

Projected schedule reflects City Council award of professional services in March 2024 with anticipated completion by May 2026.

COMPETITIVE SOLICITATION PROCESS:

Hanson Professional Services Inc. was selected in April 2023 under RFQ 4413-Professional Engineering Services for the Oso Creek Channel Bottom Rectification project, which was the only project announced under the Stormwater CIP 2023 Projects category of the RFQ. Seven firms submitted qualifications for the Oso Creek Channel Bottom Rectification.

The selection committee was comprised of representatives from the Public Works and Engineering Services Department. The final evaluation ranked Hanson Professional Service Inc. as the highest-ranked firm based on six factors:

1. Firm Experience on Projects of Similar Scope and Complexity
2. Firm Capability & Capacity on Comparable Projects
3. Team Member Experience & Qualifications
4. Team Experience on work of similar Scope and Complexity
5. Team Availability of resources to accomplish the work
6. Demonstrated understanding and experience with a public agency

Hanson Professional Services Inc. has worked on City projects for over twenty years and has completed multiple comparable stormwater projects. Notable local projects include Oso Creek Basin Stormwater Relief, Williams Ditch Stormwater System Assessment, and the Drainage Master Plan for Nueces County.

ALTERNATIVES:

Council could elect not to award the contract to Hanson Professional Services Inc. Not awarding the contract for these professional services will increase the potential for long-term flooding damage.

FISCAL IMPACT:

The project is being funded in FY24 and FY25 through a Texas Water Board Development Board Loan in the amount of \$3,519,297, and a Texas Water Development Board Forgivable Loan in the amount of \$1,173,098.

FUNDING DETAIL:

Fund: StWtr2022A TWDB (Fund 4535)
Department: Storm Water (47)
Organization: Grants & Capital Projects Funds (89)
Project: Oso Creek Channel Bottom and Green Infrastructure (Project No. 23020)
Account: Outside Consultants (550950)
Activity: 23020
Amount: \$4,192,377.00

RECOMMENDATION:

Staff recommends approval of the professional services contract with Hanson Professional Services Inc. in an amount not to exceed \$4,192,377 for the Oso Creek Channel Bottom Rectification project. This study will begin in April 2024, with an estimated completion of the design phase by May 2026.

LIST OF SUPPORTING DOCUMENTS:

Location & Vicinity Maps
Evaluation Matrix
Proposal
Presentation