

Mayor and Council Communication

DATE: 05/14/24

M&C FILE NUMBER: M&C 24-0391

LOG NAME: 20SWM NW 20TH TRUE CREEK BANK STABILIZATION DESIGN

SUBJECT

(CD 2) Authorize Execution of an Engineering Agreement with Quiddity Engineering, LLC in the Amount of \$550,519.00 for the Design of Northwest 20th True Creek Bank Stabilization Project, Adopt Appropriation Ordinance and Amend the Fiscal Years 2024-2028 Capital Improvement Program

RECOMMENDATION:

It is recommended that the City Council:

1. Authorize execution of an Engineering Agreement with Quiddity Engineering, LLC in the amount of \$550,519.00 for the design of Northwest 20th True Creek Bank Stabilization project (City Project No. 105269);
2. Adopt the attached appropriation ordinance adjusting estimated receipts and appropriations in the Drainage Revenue Bonds Series 2023 Fund in the amount of \$866,000.00 by increasing estimated receipts and appropriations in the Northwest 20th True Creek Bank Stabilization project (City Project No. 105269) and decreasing estimated receipts and appropriations in the Total Channel Restoration Bond Programmable project (P00136) by the same amount; and
3. Amend the Fiscal Years 2024-2028 Capital Improvement Program.

DISCUSSION:

The Engineering Agreement recommended by this Mayor and Council Communication (M&C) will provide for engineering services related to the Northwest (NW) 20th True Creek Bank Stabilization project. This project will address the erosion in areas identified by the City where channel degradation is threatening existing infrastructure. The scope of this design contract is to develop final plans, opinions of probable construction cost, and specifications based on the project development phase. This will include obtaining any necessary permits, survey, geotechnical engineering, environmental, bid phase, and construction phase services.

In May 2021, the Transportation and Public Works Department (TPW), Stormwater Management Division (SWMD), published a Request for Qualifications (RFQ) for various engineering consulting services. Forty-five consultants responded to the RFQ for the project design service area with Statements of Qualifications (SOQ). An evaluation team of three City staff subject matter experts from the SWMD and Capital Delivery Division scored the SOQs based on company experience, prior projects, workload, and team experience. The City's Business Equity team also evaluated the SOQs. A pool of twenty-one consultants was selected based upon these scores to be matched with specific projects. Based on this scoring, Quiddity Engineering, LLC (QE) was selected as the most qualified consultant to perform design services for this project. QE will analyze and evaluate the failure of the creek bank between NW 20th St and True Creek Ave and design channel improvements to mitigate channel degradation, erosion damage, and the risk to existing infrastructure. The channel improvements will restore the structural integrity of the channel slopes and prevent further deterioration/movement to protect adjacent properties and ensure the channel continues to effectively convey stormwater away from area homes and businesses.

QE will evaluate environmental and floodplain requirements and assist staff in obtaining any required permits, survey, geotechnical engineering, environmental, bid phase, and construction phase services. Additionally, QE will prepare plans and specifications for construction and provide services during bidding and construction. QE proposes to perform engineering services for a fee not to exceed \$550,519.00. Staff considers the fee to be fair and reasonable for the scope of services proposed. \$315,481.00 of additional funds are needed for project management, easement acquisition, permits and park conversion as applicable.

Fund	FY24 CIP Appropriations	Additional Funding	Revised FY24 Budget
52008 - Drainage Revenue Bond Series 2023 (105269)	\$0.00	\$866,000.00	\$866,000.00
Project Total	\$0.00	\$866,000.00	\$866,000.00

Funding is budgeted in the Drainage Rev Bonds Series 2023 Fund for the purpose of funding the NW 20th True Creek Bank Stabilization project

Funding for this project was not included in the FY2024-2028 Capital Improvement Program because project development was not yet completed when the CIP was prepared. This action in this M&C will amend the FY2024-2028 Capital Improvement Program.

Quiddity Engineering, LLC is in compliance with the City's Business Equity Ordinance by committing to 32% Business Equity participation on this project. The City's Business Equity goal on this project is 8%.

The project is located in COUNCIL DISTRICT 2.

FISCAL INFORMATION / CERTIFICATION:

The Director of Finance certifies that funds are currently available in the Total Channel Restoration Bond project within the Drainage Rev Bonds Series 2023 Fund and upon approval of the above recommendations and adoption of the appropriation ordinance, funds will be available in the Drainage Rev Bonds Series 2023 Fund for the NW 20th St - True Creek Bank project to support the above recommendations and execution of the agreement. Prior to an expenditure being incurred, the Transportation & Public Works Department has the responsibility of verifying the availability of funds.

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