

City of Fort Worth, Texas

Mayor and Council Communication

DATE: 06/11/24M&C FILE NUMBER: M&C 24-0489

LOG NAME: 20SWM QUAIL ROAD HROM DESIGN

SUBJECT

(CD 5) Authorize Execution of an Engineering Agreement with Kimley-Horn and Associates, Inc in the Amount of \$700,000.00 for Design of the Quail Road Hazardous Road Overtopping Mitigation Project, Adopt the Attached Appropriation Ordinances and Amend Fiscal Years 2024-2028 Capital Improvement Program

RECOMMENDATION:

It is recommended that the City Council:

1. Authorize execution of an engineering agreement with Kimley-Horn and Associates, Inc., in the amount of \$700,000.00 for design of the Quail Road Hazardous Road Overtopping Mitigation project (City Project No. 103053);
2. Adopt the attached appropriation ordinance adjusting estimated receipts and appropriations in the Stormwater Rev Bonds 2020 Fund by increasing estimated receipts and appropriations in the Quail Road Hazardous Road Overtopping Mitigation project (City Project No. 103053) in the amount of \$280,000.00 and decreasing estimated receipts and appropriations in the SW Hazardous Roadway Overtopping Programmable project (City Project Number P00120) by the same amount;
3. Adopt the attached appropriation ordinance adjusting estimated receipts and appropriations in the Stormwater Capital Projects Fund by increasing estimated receipts and appropriations in the Quail Road Hazardous Road Overtopping Mitigation project (City Project No. 103053) in the amount of \$919,000.00 and decreasing estimated receipts and appropriations in the SW Hazardous Roadway Overtopping Programmable project (City Project Number P00120) by the same amount; and
4. Amend the Fiscal Years 2024-2028 Capital Improvement Program.

DISCUSSION:

The engineering agreement recommended by this Mayor and Council Communication (M&C) with Kimley-Horn and Associates, Inc. (KHA) will provide for engineering and design services related to the Quail Road Hazardous Road Overtopping Mitigation (HROM) project (City Project No. 103053). To better protect drivers from roadway flooding, the project will mitigate the risk of hazardous road overtopping of Quail Road as it crosses Lake Arlington, approximately ½ mile east of Loop 820.

The HROM program is an ongoing effort to identify hazardous road flooding locations, prioritize them based on risk and, where feasible, implement solutions to make them safer. The HROM program was created in response to life-threatening and fatal incidents associated with flooded roads, usually at stream crossings.

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 Stormwater Management and Capital Delivery Divisions of TPW scored the SOQs based on company experience, prior projects, workload, and team experience. The City's Business Equity team also evaluated and scored the SOQs. A pool of twenty-one consultants was selected based upon these scores to be matched with specific projects. Based on this scoring, KHA, was selected as the most qualified consultant to perform design services for this project.

In order to expedite project delivery, in September 2022, KHA was engaged through an administrative jump-start contract (City Secretary Contract No. 58127) in the amount of \$45,000.00 to participate in project development and evaluation of potential improvement alternatives to be implemented in the final design. KHA proposes to perform final design and engineering services for a fee in the amount of \$700,000.00. The engineer will also prepare plans and specifications for construction and provide services during bidding and construction. Staff considers the fee to be fair and reasonable for the scope of services proposed.

Additional funds in the amount of \$499,000.00 are requested for easement acquisition and project management. Funding for this project was not included in the Fiscal Years (FY) 2024-2028 Stormwater Capital Improvement Program (CIP) as project development for this site had not been finished. Funding is budgeted in the SW Hazardous Rd Overtopping project within the Stormwater Revenue Bonds 2020 and Stormwater Capital Projects (PayGo) Funds for the purpose of funding the Quail Road HROM project.

Capital Fund Name	FY2024 CIP Appropriations	Budget Adjustment	Revised FY2024 CIP Appropriations
52007 – Stormwater Revenue Bonds 2020 (CPN 103053)	\$0.00	\$280,000.00	\$280,000.00

52002 – Stormwater Capital Projects (CPN 103053)	\$0.00	\$919,000.00	\$919,000.00
Project Total:	\$0.00	\$1,199,000.00	\$1,199,000.00

Business Equity – Kimley-Horn and Associates, Inc., is in compliance with the City's Business Equity Ordinance by committing to 8% Business Equity participation on this project. The City's Business Equity goal on this project is 7%.

This project is located in COUNCIL DISTRICT 5.

FISCAL INFORMATION / CERTIFICATION:

The Director of Finance certifies that funds are available in the current capital budget, as previously appropriated, in the SW Hazardous Rd Overtopping project within the Stormwater Rev Bonds 2020 and Stormwater Capital Projects Funds and upon approval of the above recommendations and adoption of the attached appropriation ordinances, funds will be available in the Stormwater Rev Bonds 2020 and Stormwater Capital Projects Funds for the Quail Road HROM project to support the recommendation and award of the contract. Prior to any expenditure being incurred, the Transportation & Public Works Department has the responsibility to validate the availability of funds.

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