

Mayor and Council Communication

M&C FILE NUMBER: M&C 25-0552

LOG NAME: 20SWM NORTHSIDE DRIVE HROM DESIGN

SUBJECT

(CD 9) Authorize Execution of an Engineering Agreement with IEA Inc. in the Amount of \$259,188.00 for Design of the Northside Drive Hazardous Road Overtopping Mitigation Project

RECOMMENDATION:

It is recommended that the City Council authorize execution of an engineering agreement with IEA Inc., in the amount of \$259,188.00, for design of the Northside Drive Hazardous Road Overtopping Mitigation project (City Project No. 106170).

DISCUSSION:

The engineering agreement recommended by this Mayor and Council Communication (M&C) with IEA Inc. (IEA) will provide engineering and design services related to the Northside Drive Hazardous Road Overtopping Mitigation (HROM) project (City Project No. 106170). To better protect drivers from roadway flooding, the project will mitigate the risk of hazardous road overtopping of Northside Drive by increasing the capacity of the stormwater infrastructure between the Union Pacific railroad and Mercado Drive, which includes the rehabilitation of an outfall into the West Fork Trinity River.

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 the SOQs. A pool of twenty-one consultants was selected based upon these scores to be matched with specific projects. Based on this scoring, IEA was selected as the most qualified consultant to perform design services for this project.

IEA was engaged in May 2022 to expedite delivery through an administrative jump-start contract (City Secretary Contract No. 57580) in the amount of \$45,000.00 and has participated in project development and evaluation of potential improvement alternatives to be implemented in the final design. The jump-start contract was funded by the SW HROM Feasibility Assessment and Development Program (City Project No. 102503). IEA proposes to perform final design and engineering services for a fee in the amount of \$259,188.00. The engineer will also prepare plans and specifications for construction and provide services during bidding and construction. Staff consider the fee to be fair and reasonable for the scope of services proposed.

In addition to final design and engineering services, the available project funds totaling \$135,812.00 will be used for railroad agreements and project management.

Funding is budgeted in the Northside Drive HROM project (City Project No. 106170) within the Drainage Revenue Bonds Series 2023 Fund.

Business Equity – The Business Equity Division placed a 12.90% business equity goal on this solicitation/contract. IEA Inc. will be exceeding the goal at 94.38% as a Business Equity Prime and self-performing the scope of the services, meeting the City's Business Equity Ordinance. Any changes in subcontractors will be reviewed by the Business Equity Division.

This project is located in COUNCIL DISTRICT 9.

FISCAL INFORMATION / CERTIFICATION:

The Director of Finance certifies that funds are available in the current capital budget, as previously appropriated, in the Northside Drive HROM project within the Drainage Rev Bonds Series 2023 Fund to support the approval of 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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