

Mayor and Council Communication

DATE: 03/23/21

M&C FILE NUMBER: M&C 21-0207

LOG NAME: 20FLOODWARNINGEXPANDEDUSE

SUBJECT

(ALL) Authorize a Professional Services Agreement with Pape-Dawson Engineers, Inc. in an Amount Not to Exceed \$627,785.00 to Improve the Capability of the Flood Warning System

RECOMMENDATION:

It is recommended that the City Council authorize a professional services agreement with Pape-Dawson Engineers, Inc. in an amount not to exceed \$627,785.00 to improve the capability of the flood warning system (City Project No. 103199).

DISCUSSION:

The professional services agreement recommended by this Mayor and Council Communication (M&C) will provide for engineering services related to the evaluation of the existing flood warning system to improve its effectiveness and flood warning capability. Historical rainfall and water level data for the 53 gauged and monitored stream crossings across the City will be evaluated to ensure placement of gauges and flashers effectively warns emergency responders and the community of hazardous road overtopping. Forecasting will be used to predict how quickly hazardous crossings will overtop at both gauged and ungauged locations to improve response during rain events and, potentially, to provide some level of advanced notice to motorists and emergency responders. A strategic plan will identify and prioritize the location of monitoring equipment to improve the effectiveness of the flood warning system and the communication of risk.

In May 2018, the Transportation and Public Works Department (TPW), Stormwater Management Division, published a Request for Qualifications (RFQ) for various engineering consulting services. Based on the results of the RFQ, Pape-Dawson Engineers, Inc. was selected as the most qualified consultant to perform this flood work effort and proposes to perform engineering services for a fee not to exceed \$627,785.00. The engineering evaluation will be conducted in phases with task orders issued based on the results of the completed phase and a determination of the benefit of next steps. The total cost of all task orders will be at or below the not to exceed amount. Staff considers the fee to be fair and reasonable for the scope of services proposed.

DVIN: A waiver of the goal for Business Equity subcontracting requirements was requested, and approved by the DVIN, in accordance with the applicable ordinance, because the purchase of goods or services is from sources where subcontracting or supplier opportunities are negligible.

FISCAL INFORMATION / CERTIFICATION:

The Director of Finance certifies that funds are available in the current capital budget, as previously appropriated, in the Stormwater Capital Projects Fund for the Expand Use & Eff Flood Warn project to support the approval of the above recommendation and execution of the professional services agreement. Prior to any expenditure being incurred, the Transportation & Public Works Department has the responsibility to validate the availability of funds.

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