



CITY OF GRAND PRAIRIE COMMUNICATION

MEETING DATE: 12/17/2024

PRESENTER: Noreen Housewright, Director of Engineering/Utility Services

TITLE: Authorize an Agreement with Walter P. Moore and Associates, Inc. for Professional Water Resources Engineering Services for Phase 5 of the Grand Prairie Flood Warning and Forecasting System in an amount not to exceed \$200,000.00

REVIEWING COMMITTEE: (Reviewed by the City Council Development Committee on 11/19/2024)

SUMMARY:

<u>Vendor Name</u>	<u>Total Cost</u>
Walter P. Moore and Associates, Inc.	\$200,000.00

PURPOSE OF REQUEST:

Staff is requesting authorization of an agreement with Walter P. Moore and Associates, Inc for the completion of Phase 5 of a multi-phase study to enhance the Flood Warning and Forecasting system in Grand Prairie. There are eight (8) phases in total, the first phase of this project began in FY2017 and the expected completion date of the final phase is FY2028. The estimated budget for Phases 4-8 is \$200,000 per year. Each of these phases builds on the tasks developed from past phases and are scoped by watershed to develop a full inventory of flood inundation maps for each of the City's rain and stream gauge sites.

Phase 5 will focus on updates to the Flood Warning System (FWS) in the Fish Creek Watershed using data collection, hydraulic model updates/calibration, development of additional watch points, identifying areas of inundation, utilizing the city's stream gauge system. The City's Stormwater, Transportation and Mobility, and Office of Emergency Management Departments will use this system for timely dispatch of first responders to these areas to close roads, evacuate, shelter-in-place, and/or begin rescue operations. This will continue to give first responders the tools needed to make decisions in the timeliest manner possible in response to flood events.

PROCUREMENT DETAILS:Procurement Method: ☒ Professional Services**FINANCIAL CONSIDERATION:**

Budgeted?	<input checked="" type="checkbox"/>	Fund Name:	Stormwater CIP Fund
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If Capital Improvement:					
Total Project Budget	\$200,000.00	Proposed New Funding:	\$0	Remaining Funding:	\$0

ATTACHMENTS / SUPPORTING DOCUMENTS:

1- Vendor Proposal