

Mayor and Council Communication

DATE: 02/22/22

M&C FILE NUMBER: M&C 22-0119

LOG NAME: 20SW CORPS OF ENGINEERS 2022 SUMP FLOODPLAIN ANALYSIS

SUBJECT

(CD 2, CD 3, CD 7, and CD 9) Authorize Execution of Modification 1 to the 2017 Letter of Agreement with the U.S. Army Corps of Engineers in the Amount of \$100,000.00 to Analyze Additional Sump Floodplains

RECOMMENDATION:

It is recommended that the City Council authorize execution of Modification 1 to the 2017 Letter of Agreement with the U.S. Army Corps of Engineers (CSC No. 48933) in the amount of \$100,000.00 to analyze additional sump floodplains for a revised project expenditure of \$200,000.

DISCUSSION:

The purpose of this Mayor and Council Communication (M&C) is to authorize execution of an amendment (Modification 1) for additional professional services to analyze additional sump floodplains based on the 2017 Letter of Agreement with the U.S. Army Corps of Engineers (USACE) and the payment of funds in the amount of \$100,000.00 to USACE to analyze additional sump floodplains. The original services in the amount of \$100,000 were authorized by the City Council on 11/1/2016 (M&C C-27981). With this action, the total amount for the services provided under the Letter of Agreement will be \$200,000.00.

Sump floodplains are flood-prone areas typically found outside levee systems where stormwater runoff collects in low-lying areas when river elevations are high. The services provided will establish detailed base flood elevations for additional sump areas to facilitate flood resilient development, provide accurate flood insurance premiums, and assist with flood risk estimates. Unstudied sump floodplains along both the Clear Fork and West Fork of the Trinity River shown on the Federal Emergency Management Agency (FEMA) floodplain maps will be updated through this effort. The USACE prepared limited detail studies for these sump areas over 50 years ago, which lack the detail required to establish appropriate flood insurance premiums and flood risk estimates. The USACE is authorized to assist the City of Fort Worth through the Flood Control Act of 1960, and updating the existing studies is the most efficient process to revise the sump floodplains based on current development conditions. The original work defined by the 2017 Letter of Agreement was completed in 2019 and this revision adds additional study areas under the same technical scope.

M/WBE Office: A waiver of the goal for MBE/SBE subcontracting requirements was requested by the Department and approved by the MWBE Office, in accordance with the BDE Ordinance, because the purchase of goods or services from source(s) where subcontracting or supplier opportunities are negligible.

The program serves COUNCIL DISTRICTS 2, 3, 7, and 9.

A Form 1295 is not required because: This contract will be with a governmental entity, state agency or public institution of higher education: US Army Corps of Engineers

FISCAL INFORMATION / CERTIFICATION:

The Director of Finance certifies that upon approval of the above recommendation, funds are available in the current operating budget, as previously appropriated, in the Stormwater Operating Fund (52001). Prior to an expenditure being incurred, the Transportation & Public Works Department has the responsibility to validate the availability of funds.

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