

City of Fort Worth, Texas

Mayor and Council Communication

DATE: 03/29/22 M&C FILE NUMBER: M&C 22-0239

LOG NAME: 60WMPICIPNSPP-FNI

SUBJECT

(CD 2, CD 4, CD 7) Authorize Execution of an Engineering Agreement with Freese and Nichols, Inc., in the Amount of \$245,700.00, for the Water Mini-Master Plan Northside Update and Adopt Attached Appropriation Ordinance to Effect a Portion of Water's Contribution to Fiscal Years 2022-2026 Capital Improvement Program

RECOMMENDATION:

It is recommended that the City Council:

1. Authorize the execution of an agreement with Freese and Nichols, Inc., in the amount of \$245,700.00 to update the City of Fort Worth's Water Master Plan and Capital Improvement Plan for the Northside Pressure Planes; and
2. Adopt the attached appropriation ordinance increasing estimated receipts and appropriations in the Water and Sewer Capital Projects Fund in the amount of \$245,700.00, transferred from available funds in the Water and Sewer Fund, for the purpose of funding Water Mini-Master Plan Northside Update (City Project No. 103520) to effect a portion of Water's contribution to Fiscal Years 2022-2026 Capital Improvement Program.

DISCUSSION:

On February 5, 2013, Mayor and Council Communication (M&C C-26089) the City Council authorized the execution of an Engineering Agreement with Freese and Nichols, Inc., to update the Water System Master Plan by evaluating the capability of the northside water system to meet water demands through 2033. This evaluation included an updated Water System Capital Improvements Plan with cost estimates and implementation schedule, and identified additional water treatment capacity/plant requirements, transmission mains and pump stations.

Since the previous Water System Master Plan Update, the City and its wholesale customers within Fort Worth's water service area in North Tarrant County and South Denton County have experienced significant growth and will require additional water infrastructure in the near future. Reassessment of the existing available treatment capacity to serve these areas of the Fort Worth water distribution system and other future CIP considerations are required. In addition, the existing distribution system lacks the transmission, pumping, and storage capacities to meet long-term demands in the growing Northside II, III and IV pressure planes.

Freese and Nichols, Inc., will identify future population and water demands for each of the Northside pressure planes, conduct water system modeling and capacity assessment for various scenarios, evaluate needed infrastructure improvements and recommend an updated water CIP, which will include triggers for implementation of projects and budgetary planning level costs.

It is the practice of the Water Department to appropriate its CIP plan throughout the fiscal year, instead of within the annual budget ordinance, as projects commence, additional funding needs are identified, and to comply with bond covenants. The actions in the M&C will appropriate funds in support of Water's portion of the City of Fort Worth's Fiscal Years 2022-2026 Capital Improvement Program, as follows:

Capital Fund Name	Project Name	FY2022 CIP Appropriations	Authority	Budget Change (Increase/Decrease)	Revised FY2022 Budget
56002 - W&S Capital Projects Fund	103520 - WTR Mini-Master Plan NS Update	\$ -	This M&C	\$245,700.00	\$245,700.00

Funding is currently available in the Unspecified-All Funds project within the W&S Capital Projects Fund for the purpose of funding Water Mini-Master Plan Northside Update project.

Appropriations for Water Master Plan and Capital Improvement Plan for the Northside Pressure Planes are as depicted below:

Fund	Existing Appropriations	Additional Appropriations	Project Total*
W&S Capital Projects - Fund 56002	\$0.00	\$245,700.00	\$245,700.00
Project Total	\$0.00	\$245,700.00	\$245,700.00

***Numbers rounded for presentation purposes.**

Business Equity - 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.

The project is located in COUNCIL DISTRICTS 2, 4, and 7.

FISCAL INFORMATION / CERTIFICATION:

The Director of Finance certifies that funds are currently available in the Unspecified-All Funds within the W&S Capital Project Fund and upon approval of the above recommendations and adoption of the attached appropriation ordinance, funds will be available in the W&S Capital Projects Fund for the WTR Mini-Master Plan NS Update project. Prior to any expenditure being incurred, the Water has the responsibility of verifying the availability of funds.

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