

Mayor and Council Communication

DATE: 08/09/22

M&C FILE NUMBER: M&C 22-0592

LOG NAME: 60ESSII36WMA&CRI-HDR

SUBJECT

(CD 5) Authorize Execution of an Engineering Agreement with HDR Engineering, Inc. in the Amount of \$900,846.00 for Eastside II 36-Inch Prestressed Concrete Cylinder Pipe Water Main Condition Assessment and Critical Replacement Identification Project, Provide for Project Costs for a Total Project Amount of \$1,046,396.00, and Adopt Appropriation Ordinance to Effect a Portion of Water’s Contribution to the Fiscal Years 2022- 2026 Capital Improvement Program

RECOMMENDATION:

It is recommended that the City Council:

1. Authorize execution of an Engineering Agreement with HDR Engineering, Inc., in the amount of \$900,846.00 for the Eastside II 36-Inch Prestressed Concrete Cylinder Pipe Water Main Condition Assessment and Critical Replacement Identification Project; and
2. Adopt attached appropriation ordinance increasing estimated receipts and appropriations in the Water & Sewer Capital Projects Fund in the amount of \$1,046,396.00, transferred from available funds within the Water and Sewer Fund, for the Eastside II 36-Inch Prestressed Concrete Cylinder Pipe Water Main Condition Assessment and Critical Replacement Identification Project (City Project No. 103294) to effect a portion of Water’s contribution to Fiscal Years 2022-2026 Capital Improvement Program.

DISCUSSION:

This Mayor and Council Communication (M&C) is to authorize engineering services for engineering analysis and recommendations for the Eastside II 36-Inch Prestressed Concrete Cylinder Pipe (PCCP) Water Main Condition Assessment and Critical Replacement Identification project. The project will allow for condition assessment of approximately 19,000 feet of the Eastside II 36-inch water main located on the south side of IH-30 from the east side of IH-820 to the north right – of – way line of IH-30 at the Village Creek/Green Oaks Boulevard intersection. The water main in question has experienced breaks over the past couple of years and this project will allow for condition analysis to identify possible future failure points and provide recommendations on replacements.

The scope of services to be provided includes condition assessment, data collection and survey, acoustic leak and gas inspection and prestressed wire assessment.

HDR Engineering, Inc., proposes to provide the necessary services for a fee not to exceed \$900,846.00. Staff considers the proposed fee to be fair and reasonable for the scope of services proposed.

In addition to the contract amount, \$145,550.00 is required for project management real property acquisitions, utility coordination, and material testing.

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 the Water’s portion of the City of Fort Worth’s Fiscal Years 2022-2026 Capital Improvement Program, as follows:

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Capital Fund Name	Project Name	FY2022 CIP Appropriations	Authority	Budget Change (Increase/ Decrease)	Revised FY2022 Budget
56002 – Water & Sewer Capital Projects Fund	103294 - ESII 36” PCCP WM & Critical REPL	\$0.00	This M&C	\$1,046,396.00	\$1,046,396.00

Funding is budgeted in the Transfer to Water/Sewer account of the Water and Sewer operating budget for the purpose of funding the ESII 36” PCCP WM & Critical REPLC within the Water & Sewer Capital Projects Fund.

Appropriations for the Eastside II 36-Inch PCCP Water Main Condition Assessment and Critical Replacement Identification Project are depicted below:

FUND	Existing Appropriations	Additional Appropriations	Project Total*
56002 - Water & Sewer Capital Projects Fund	\$0.00	\$1,046,396.00	\$1,046,396.00
Project Total	\$0.00	\$1,046,396.00	\$1,046,396.00

*Numbers rounded for presentation purposes.

This project will have no impact on the Water Department's operating budget when complete.

Business Equity: HDR Engineering, Inc., is in compliance with City's Business Equity Ordinance by committing to 10 percent Business Equity participation on this project. The City's Business Equity goal on this project is 10 percent.

The project is located in COUNCIL DISTRICT 5.

FISCAL INFORMATION / CERTIFICATION:

The Director of Finance certifies that funds are currently available in the Water & Sewer 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 ESII 36" PCCP WM & Critical REPL project to support the approval of the above recommendations and execution of the engineering agreement. Prior to any expenditure being incurred, the Water Department has the responsibility of verifying the availability of funds.

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