

Mayor and Council Communication

DATE: 06/13/23

M&C FILE NUMBER: M&C 23-0491

LOG NAME: 60ESSII36WMA&CRIA1-HDR

SUBJECT

(CD 5) Authorize Execution of Amendment No. 1 in the Amount of \$237,960.00 to an Engineering Agreement with HDR Engineering Inc., for Final Design for Eastside II 36-inch Prestressed Concrete Cylinder Pipe Water Main Condition Assessment and Critical Replacement Identification Project and Adopt Appropriation Ordinance to Effect a Portion of Water’s Contribution to the Fiscal Years 2023-2027 Capital Improvement Program

RECOMMENDATION:

It is recommended that the City Council:

1. Authorize execution of Amendment No. 1 in the amount of \$237,960.00 to City Secretary Contract No. 58146 with HDR Engineering, Inc., for final design of Eastside II 36-inch Prestressed Concrete Cylinder Pipe Water Main Condition Assessment and Critical Replacement Identification Project, for a revised contract amount of \$1,138,806.00; and
2. Adopt the attached appropriation ordinance increasing estimated receipts and appropriations in the Water & Sewer Capital Projects Fund in the amount of \$277,960.00 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 (City Project No. 103294) to effect a portion of Water’s contribution to Fiscal Years 2023-2027 Capital Improvement Program.

DISCUSSION:

On August, 9, 2022, Mayor & Council Communication (M&C) 22-0592 the City Council authorized 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 project. The project provided for condition assessment of approximately 19,000 feet of the Eastside II 36-inch water main located on the south side of Interstate Highway (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, with the goal of identifying possible future failure points and to provide recommendations for replacements. The water main has experienced breaks over the past couple years.

The condition assessment has been completed and six pipe segments at different locations on the water main alignment have been identified as structurally deficient and in need of replacement.

HDR Engineering, Inc., proposes to complete the additional engineering design services for a fee not to exceed \$237,960.00. Staff considers this fee to be fair and reasonable for the scope of services proposed.

In addition to the contract amount, \$40,000.00 is required for project management.

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 2023-2027 Capital Improvement Program, as follows:

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Capital Fund Name	Project Name	FY2023 CIP Appropriations	Authority	Budget Change (Increase/Decrease)	Revised FY2023 Budget
Fund 56002 – Water & Sewer Capital Projects	103294 - ESII 36” PCCP WM & Critical REPL	\$0.00	This M&C	\$277,960.00	\$277,960.00

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*
Fund 56002 - Water & Sewer Capital Projects	\$1,046,396.00	\$277,960.00	\$1,324,356.00
Project Total	\$1,046,396.00	\$277,960.00	\$1,324,356.00

*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. agrees to maintain its initial M/WBE commitment of 10 percent that it made on the original agreement and extend and maintain that same M/WBE commitment of 10 percent to this first amendment. Therefore HDR Engineering, Inc. remains in compliance with the City's M/WBE Ordinance and attests to its commitment by its signature on the Acceptance of Previous M/WBE Commitment form executed by an authorized representative of its company.

This 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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