

Mayor and Council Communication

DATE: 02/25/25

M&C FILE NUMBER: M&C 25-0141

LOG NAME: 60WW I/I REDUCTION PILOT PROGRAM RJN

SUBJECT

(CD 8, CD 9, and CD 11) Authorize Execution of a Professional Services Agreement, with RJN Group, Inc., in the Amount of \$1,800,000.00, from Available PayGo Residuals, for the Inflow and Infiltration Reduction Pilot Program and Adopt Appropriation Ordinance to Effect a Portion of Water's Contribution to the Fiscal Years 2025-2029 Capital Improvement Program

RECOMMENDATION:

It is recommended that the City Council:

1. Authorize the execution of a professional services agreement with RJN Group, Inc., in an amount not to exceed \$1,800,000.00 for the Inflow and Infiltration Reduction Pilot Program – Sycamore Creek Basin project (City Project No. 105782); and
2. Adopt the attached appropriation ordinance increasing estimated receipts and appropriations in the Water and Sewer Capital Projects Fund, in the amount of \$1,800,000.00, from available PayGo residuals, for the purpose of funding the Sycamore Creek Basin Inflow and Infiltration Reduction Pilot Program project (City Project No. 105782), to effect a portion of Water's contribution to the Fiscal Years 2025-2029 Capital Improvement Program.

DISCUSSION:

The Inflow and Infiltration (I/I) Reduction Pilot Program in the Sycamore Creek Basin was identified as a necessary program during the recent update to the wastewater master plan. The I/I reduction program focuses on efficiently and accurately collecting condition and performance data to identify capacity and structural issues and develop cost sensitive design plans to remediate I/I and address any capacity constraints.

The primary goal of this project is to locate potential I/I sources, quantify I/I estimates per asset, prioritize I/I reduction rehabilitation, and creating a bid package to construct the selected I/I reduction rehabilitation efforts. The project will include temporary flow monitoring, manhole inspections, smoke testing, dye water flooding, night flow isolations, closed-circuit television inspections, data analysis, conceptual design report, I/I reduction design report, and construction bid documents for I/I removal. Following the completion of this project, the City will have a complete bid package ready for construction of the prioritized I/I reduction plan. Additionally, the City will have a roadmap to continue with I/I reduction efforts throughout the City.

It is the practice of the Water Department to appropriate its Capital Improvement Program (CIP) plan throughout the Fiscal Year (FY), instead of within the annual budget ordinance, as projects commence, additional funding needs are identified, and to comply with bond covenants. The action in the Mayor & Council Communication will appropriate funds in support of the Water's portion of the City of Fort Worth's Fiscal Years 2025-2029 Capital Improvement Program.

60WW I/I REDUCTION PILOT PROGRAM RJN

| Capital Fund Name | Project Name | FY2025 CIP Appropriations | Authority | Budget Change (Increase / Decrease) | Revised FY2025 Budget |
|-----------------------------------|---|---------------------------|-----------|-------------------------------------|-----------------------|
| 56002 - W&S Capital Projects Fund | 105782 - Sycamore Creek Basin - I/IPPRP | \$0.00 | This M&C | \$1,800,000.00 | \$1,800,000.00 |

Funding is budgeted in the Unspecified All-Funds project, from PayGo residuals, within the W&S Capital Projects Fund, for the purpose of funding the Sycamore Creek Basin Inflow and Infiltration Reduction Pilot Program project.

Funding for the Sycamore Creek Basin I/IPPRP project is depicted below:

| Fund | Existing Appropriation | Additional Appropriation | Project Total* |
|------|------------------------|--------------------------|----------------|
| | | | |

| Fund | Existing Appropriation | Additional Appropriation | Project Total* |
|---|-----------------------------------|-------------------------------------|-----------------------|
| 56002 - W&S Capital Projects Fund | \$0.00 | \$1,800,000.00 | \$1,800,000.00 |
| Project Total | \$0.00 | \$1,800,000.00 | \$1,800,000.00 |

* Numbers are rounded for presentation.

BUSINESS EQUITY OFFICE: The Business Equity Division placed a 13.05% business equity goal on this solicitation/contract. RJN Group Inc., has agreed/committed to utilize 15% business equity subcontractor participation for the scope of work, meeting the City's Business Equity Ordinance. Any changes in subcontractors will be reviewed by the Business Equity Division.

FISCAL INFORMATION / CERTIFICATION:

The Director of Finance certifies that funds are currently available in the Unspecified All-Funds project within the W&S Capital Projects 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 Sycamore Creek Basin - I/IPPRP project to support the above recommendations and execution of the agreement. Prior to any expenditure being incurred, the Water Department has the responsibility to validate the availability of funds.

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