

Mayor and Council Communication

DATE: 01/10/23

M&C FILE NUMBER: M&C 23-0022

LOG NAME: 202022 BOND YEAR 2-CONTRACT 11 – QUIDDITY

SUBJECT

(CD 3 / Future CD 6, CD 9 / Future CD 9 and CD 11) Authorize Execution of an Engineering Agreement with Quiddity Engineering, LLC. in the Amount of \$637,403.00 for Combined Water, Sanitary Sewer and Street Paving Improvements for 2022 Bond Year 2-Contract 11 Project, Adopt Appropriation Ordinances to Effect a Portion of Water’s Contribution to and Amend the Fiscal Years 2023-2027 Capital Improvement Program (2022 Bond Program)

RECOMMENDATION:

It is recommended that the City Council:

1. Authorize execution of an engineering agreement with Quiddity Engineering, LLC. in the amount of \$637,403.00 for combined water, sanitary sewer and street paving improvements for 2022 Bond Year 2 - Contract 11 project (City Project No. 104212);
2. Adopt the attached appropriation ordinance increasing estimated receipts and appropriations in the Water and Sewer Capital Projects Fund in the amount of \$612,776.00, transferred from available funds within the Water and Sewer Fund, for the purpose of funding the 2022 Bond Year 2-Contract 11 project (City Project No. 104212) to effect a portion of Water’s Contribution to the Fiscal Years 2023-2027 Capital Improvement Program;
3. Adopt the attached appropriation ordinance adjusting appropriations in the 2022 Bond Program Fund by increasing appropriations in the 2022 Bond Year 2 - Contract 11 project (City Project No. 104212) in an amount of \$412,917.00 and decreasing appropriations in the Street Improvement-Deteriorating Streets programmable project (City Project No. PB0019) by the same amount; and
4. Amend the Fiscal Years 2023-2027 Capital Improvement Program.

DISCUSSION:

This Mayor and Council Communication (M&C) is to authorize the preparation of plans and specifications for this Year 2 Neighborhood Streets Improvements project associated with the 2022 Bond Program. For 2022 Bond Year 2-Contract 11 project, this includes water, sanitary sewer and street paving improvements on approximately 5.65 lane miles, on the following streets:

Street	From	To	Scope
Carver Drive	Prevost Street	Hervie Street	Paving
Fernander Drive	Prevost Street	Hervie Street	Paving/Water
8th Avenue	W Dickson Street	W Pafford Street	Paving/Water
Frazier Avenue	Cleburne Road	W Biddison Street	Paving/Water
Frazier Avenue (S)	W Bolt Street	Flint Street	Paving/Water
Townsend Drive	W Drew Street	Flint Street	Paving/Water/Sewer
Wayside Avenue	W Drew Street	W Bolt Street	Paving/Water
Dickson Street*	James Avenue	Ryan Avenue	Water
Drew Street*	Wayside Avenue	Frazier Avenue	Water
Bolt Street*	McCart Avenue	Atchison Topeka and Santa Fe Rail Road	Water/Sewer

Easement between Frazier Avenue & Townsend Drive*	Bolt Street	Flint Street	Sewer
Easement east of Townsend Drive*	Bolt Street	Flint Street	Sewer
Prevost Street*	Carver Drive	Vickery Boulevard	Water/Sewer
Easement between Carver Drive & Fernander Drive*	Hervie Street	Prevost Street	Sewer
Townsend Drive*	Pafford Street	W Drew Street	Water
Carver Drive*	Prevost Street	Merrick Street	Water
Wayside Avenue*	Biddison Street	Butler Street	Water
Wayside Avenue*	Dickson Street	Waggoman Street	Water

* As part of this Capital Improvement Program (CIP) project, the Water Department will replace cast iron water mains, as indicated along with deteriorated sanitary sewer mains.

In April 2020, the Transportation and Public Works Department (TPW), Capital Delivery Division, published a Request for Qualifications (RFQ) for various engineering consulting services. Forty-six consultants responded to the RFQ for the Planning, Design and Construction Services for Neighborhood Streets Projects area with Statements of Qualifications (SOQ). An evaluation team of City staff subject matter experts from the Capital Delivery Division of TPW scored the SOQ's based on company experience, prior projects, workload, and team experience. A pool of nineteen consultants were prequalified for Neighborhood Streets projects based upon these scores. In an effort to match consultants with projects specific scope, TPW asked the consultants to submit a response to a Request for Additional Information (RFAI) highlighting their proposed design schedule, sub-consultant availability, and project manager workload among other potential project elements. Respondents to the RFAI were scored and based on this scoring, Quiddity Engineering, LLC. was selected as the most qualified consultant to perform design services for this project.

The Transportation & Public Works Department's share on this contract is \$220,917.00. The Water Department's share on this contract is \$416,486.00 will be available in the Water & Sewer Capital Projects Fund for the project (City Project No. 104212). In addition to the contract amount, \$388,290.00 (Water: \$122,240.00; Sewer: \$74,050.00; Paving: \$192,000.00) is required for project management, utility coordination, real property acquisition and material testing.

This project will have no impact on the Transportation and Public Works' annual operating budget nor on the Water Department's operating budget when completed. Design is expected to start in February 2023 and be completed by April 2024. Construction should commence in September 2024 and be completed in December 2025.

The action in this M&C will amend TPW's contribution to the Fiscal Years 2023-2027 Capital Improvement Program as follows:

Capital Fund Name	Project Name	FY2023 CIP Appropriations	Budget Change Increase/ Decrease	Revised FY2023 Budget
2022 Bond Program – Fund 34027	Street Imprv- Deteriorating Sts- PB0019	\$77,115,444.00	\$(412,917.00)	\$76,702,527.00

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:

202022 Bond Year 2-Contract 11 – Quiddity Engineering, LLC

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Capital Fund Name	Project Name	FY2023 CIP Appropriations	Authority	Budget Change (Increase / Decrease)	Revised FY2023 Budget
W&S Capital Projects-- Fund 56002	104212 - 2022 Bond Year 2 - Contract 11	\$0.00	This M&C	\$612,776.00	\$612,776.00
2022 Bond Program – Fund 34027	104212 - 2022 Bond Year 2 - Contract 11	\$0.00	This M&C	\$412,917.00	\$412,917.00

Funding is budgeted in the Transfer to Water/Sewer account of the Water and Sewer operating budget and the Street Improvement Deteriorating Streets programmable project within the 2022 Bond Program Fund for the purpose of funding the 2022 Bond Year 2 – Contract 11 project in the Water & Sewer Capital Projects Fund & 2022 Bond Program Fund.

Appropriations for the water, sanitary sewer and paving improvements for 2022 Bond Year 2-Contract 11 project by Fund will consist of the following:

Fund	Existing Appropriations	Additional Appropriations	Project Total*
2022 Bond Program – Fund 34027	\$0.00	\$412,917.00	\$412,917.00
W&S Capital Projects - Fund 56002	\$0.00	\$612,776.00	\$612,776.00
Project Total	\$0.00	\$1,025,693.00	\$1,025,693.00

*Numbers rounded for presentation purposes.

Business Equity Office: Quiddity Engineering, LLC. is in compliance with the City's Business Equity Ordinance by committing to 21 percent Business Equity participation on this project. The City's Business Equity goal on this project is 15 percent.

This project is included in the 2022 Bond Program. The City's Extendable Commercial Paper (ECP) (M&C 22-0607; Ordinance 25675-08-2022) provides liquidity to support the appropriation. Available resources will be used to actually make any interim progress payments until debt is issued. Once debt associated with a project is sold, debt proceeds will reimburse the interim financing source in accordance with the statement expressing official Intent to Reimburse that was adopted as part of the ordinance canvassing the bond election (Ordinance 25515-05-2022).

This project is located in COUNCIL DISTRICT 3/Future District 6 and COUNCIL DISTRICT 9/Future Districts 9 & 11.

FISCAL INFORMATION / CERTIFICATION:

The Director of Finance certifies that funds are available in the current operating budget of the Water & Sewer Fund and in the Street Imprv-DeterioratingSts programmable project within the 2022 Bond Program Fund and upon approval of the above recommendations and adoption of the attached appropriation ordinances, funds will be available in the current capital budgets, as appropriated, in the W&S Capital Projects Fund and 2022 Bond Program Fund for the 2022 Bond Year 2 - Contract 11 project to support the approval of the above recommendations and execution of the engineering agreement. Prior to any expenditure being incurred, the Transportation & Public Works and Water Departments have the responsibility of verifying the availability of funds.

Submitted for City Manager's Office by: William Johnson 5806

Originating Business Unit Head: Lauren Prieur 6035

Additional Information Contact: Monty Hall 8662

