

Mayor and Council Communication

DATE: 05/24/22

M&C FILE NUMBER: M&C 22-0396

LOG NAME: 60PROEJCTM-SHIELD

SUBJECT

(ALL) Authorize Execution of a Professional Services Agreement with Shield Engineering Group, PLLC., in the Amount of \$307,320.00, for Water/Sanitary Sewer Capital Project Management Services Project 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 execution of a professional services agreement with Shield Engineering Group, PLLC., in the amount of \$307,320.00, for Water/Sanitary Sewer Capital Project Management Services project with up to one renewal; and
2. Adopt the attached appropriation ordinance in the total amount of \$307,320.00, transferred from available funds within the Water and Sewer Fund increasing estimated receipts and appropriations as follows: in the Water and Sewer Capital Projects Fund in the Sanitary Sewer Rehabilitation Contract 166 project, City Project Number (CPN 102787) by \$36,000.00, in the Water & Sanitary Sewer Replacement contract 2019 WSM-K project (CPN 103416) by \$20,000.00, in the Water & Sanitary Sewer Replacement Contract 2019 WSM-M project (CPN 103417) by \$70,928.00, in the 2022 Bond Year 1 – Contract 4 project (CPN 102930) by \$25,000.00, in the Sanitary Sewer Rehabilitation Contract 113 project (CPN 102785) by \$25,000.00, in the 2022 Bond Year 1 – Contract 1 project (CPN 102918) by \$35,000.00, in the Eagle Mountain & West Side Weatherproof Enclosure project (CPN 103335) by \$30,392.00, in the Sanitary Sewer Rehabilitation Contract 103 project (CPN C02723) by \$45,000.00, in the North Holly Water Treatment Plant Filter Modification project (CPN 103049) by \$10,000.00 and in the Eagle Mountain Water Treatment Plant Clearwell Number 3 project (CPN 103048) by \$10,000.00 all to effect a portion of Water’s contributions to Fiscal Years 2022-2026 Capital Improvement Program.

DISCUSSION:

This Mayor and Council Communication (M&C) is to authorize the execution of a professional services agreement with Shield Engineering Group, PLLC., in the amount of \$307,320.00, for Water/Sanitary Sewer Capital Project Management Services for staff extension services managing Water Department Capital Delivery Projects.

The Professional Services Agreement recommended by this M&C will provide staff extension services to augment and expedite the delivery of Water Department Capital Delivery projects consisting of design and construction for cast iron pipe replacements, major transmission mains, major wastewater collectors, water treatment plan projects and waste water treatment plant project. The City reserves the option to renew (subject to appropriated funding) this agreement one time under the same term and conditions.

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:

Capital Fund Name	Project Name	FY2022 CIP Appropriations	Authority	Budget Change (Increase/Decrease)	Revised FY2022 Budget
56002 - Water & Sewer	102787 - SS Rehab Contract 116	\$0.00	This M&C	\$36,000.00	\$36,000.00
	103416 - W/SS REPL Contract 2019 WSM-K	\$0.00	This M&C	\$20,000.00	\$20,000.00
	103417 - W/SS REPL Contract 2019 WSM-M	\$0.00	This M&C	\$70,928.00	\$70,928.00
	102930 - 2022 Bond Yr 1 - Contract 4	\$0.00	This M&C	\$25,000.00	\$25,000.00
	102785 - SS Rehab Contract 113	\$0.00	This M&C	\$25,000.00	\$25,000.00

Capital Projects Fund	102918 - 2022 Bond Yr 1 - Contract 1	\$0.00	This M&C	\$35,000.00	\$35,000.00
	103335 - EM & WS WEATHERPROOF ENCLOSURE	\$0.00	This M&C	\$30,392.00	\$30,392.00
	C02723 - SaniSewer Rehab Contract 103	\$0.00	This M&C	\$45,000.00	\$45,000.00
	103049 - NHWTP Filter Modification	\$0.00	This M&C	\$10,000.00	\$10,000.00
	103048 - EAGLE MTN WTP CLEARWELL No3	\$0.00	This M&C	\$10,000.00	\$10,000.00
				\$307,320.00	\$307,320.00

Funding is budgeted in the transfer to Water/Sewer account of the Water and Sewer operating budgets for the purpose of funding the Water/Sanitary Sewer Capital Project Management Services within the Water & Sewer Capital Projects Fund.

Appropriations for Water/Sanitary Sewer Capital Project Management Services are as depicted below:

102787 SS Rehab Contract 116

Fund	Existing Appropriations	Additional Appropriations	Project Total
W&S Capital Projects - Fund 56002	\$494,444.00	\$36,000.00	\$530,444.00
Total	\$494,444.00	\$36,000.00	\$530,444.00

103416 W/SS REPL Contract 2019 WSM-K

Fund	Existing Appropriations	Additional Appropriations	Project Total
W&S Capital Projects - Fund 56002	\$313,054.00	\$20,000.00	\$333,054.00
Total	\$313,054.00	\$20,000.00	\$333,054.00

103417 W/SS REPL Contract 2019 WSM-M

Fund	Existing Appropriations	Additional Appropriations	Project Total
W&S Capital Projects - Fund 56002	\$961,962.00	\$70,928.00	\$1,032,890.00
Total	\$961,962.00	\$70,928.00	\$1,032,890.00

102930 2022 Bond Yr 1 - Contract 4

Fund	Existing Appropriations	Additional Appropriations	Project Total
W&S Capital Projects - Fund 56002	\$378,300.00	\$25,000.00	\$403,300.00
2007 Critical Capital Projects - Fund 39001	\$335,228.00	\$0.00	\$335,228.00
Total	\$713,528.00	\$25,000.00	\$738,528.00

102785 SS Rehab Contract 113

Fund	Existing Appropriations	Additional Appropriations	Project Total
General Capital Projects - Fund 30100	\$603,254.00	\$0.00	\$603,254.00
W&S Capital			

Projects - Fund 56002	\$2,179,095.00	\$25,000.00	\$2,204,095.00
Total	\$2,782,349.00	\$25,000.00	\$2,807,349.00

102918 2022 Bond Yr 1 - Contract 1

Fund	Existing Appropriations	Additional Appropriations	Project Total
Street Imprvmt Cos Residuals - Fund 39412	\$344,224.00	\$0.00	\$344,224.00
Stormwater Capital Projects - Fund 52002	\$37,000.00	\$0.00	\$37,000.00
W&S Capital Projects - Fund 56002	\$314,203.00	\$35,000.00	\$349,203.00
Total	\$695,427.00	\$35,000.00	\$730,427.00

103335 EM & WS WEATHERPROOF ENCLOSURE

Fund	Existing Appropriations	Additional Appropriations	Project Total
W&S Capital Projects - Fund 56002	\$99,332.00	\$30,392.00	\$129,724.00
W&S Commercial Paper - Fund 56020	\$9,144,089.00	\$0.00	\$9,144,089.00
Total	\$9,243,421.00	\$30,392.00	\$9,273,813.00

C02723 SaniSewer Rehab Contract 103

Fund	Existing Appropriations	Additional Appropriations	Project Total
W&S Capital Projects - Fund 56002	\$606,457.00	\$45,000.00	\$651,457.00
Total	\$606,457.00	\$45,000.00	\$651,457.00

103049 NHWTP Filter Modification

Fund	Existing Appropriations	Additional Appropriations	Project Total
W&S Capital Projects - Fund 56002	\$0.00	\$10,000.00	\$10,000.00
W&S Rev Bonds Series 2021 - Fund 56019	\$138,999.00	\$0.00	\$138,999.00
W&S Commercial Paper - Fund 56020	\$1,610,736.00	\$0.00	\$1,610,736.00
Total	\$1,749,735.00	\$10,000.00	\$1,759,735.00

103048 EAGLE MTN WTP CLEARWELL No3

Fund	Existing Appropriations	Additional Appropriations	Project Total
W&S Capital Projects - Fund 56002	\$1,156,443.00	\$10,000.00	\$1,166,443.00
Total	\$1,156,443.00	\$10,000.00	\$1,166,443.00

***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 ALL COUNCIL DISTRICTS.

FISCAL INFORMATION / CERTIFICATION:

The Director of Finance certifies that funds are currently available in the Water and 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 SS Rehab Contract 166, W/SS REPL Contract 2019 WSM-K, W/SS REPL Contract 2019 WSM-M, 2022 Bond Yr 1 – Contract 4, SS Rehab Contract 113, 2022 Bond Yr 1 – Contract 1, EM & WS Weatherproof Enclosure, SaniSewer Rehab Contract 103, NHWTP Filter Modification, and Eagle Mtn WTP Clearwell No3 projects to support the approval of the above recommendations and execution of the professional services agreement. Prior to any expenditure being incurred, the Water Department has the responsibility of verifying the availability of funds.

Submitted for City Manager's Office by: Dana Burghdoff 8018

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Expedited