

# Mayor and Council Communication

**DATE:** 05/18/21

**M&C FILE NUMBER:** M&C 21-0356

**LOG NAME:** 60VCWRF SOUTH INFLUENT LIFT STATION- CRESCENT & CDM

**SUBJECT**

(CD 5) Authorize Execution of Amendment No. 6 to an Engineering Agreement with CDM Smith, Inc., in the Amount of \$785,500.00, for Village Creek Water Reclamation Facility South Influent Pump-Lift Station, Authorize Execution of a Contract with Crescent Constructors, Inc. in the Amount of \$19,993,000.00 for Village Creek Water Reclamation Facility South Influent Pump - Lift Station, Provide for Project Costs for a Project Total in the Amount of \$21,743,164.00, Adopt Resolution Expressing Official Intent to Reimburse Expenditures with Proceeds of Future Debt, and Adopt Appropriation Ordinance

**RECOMMENDATION:**

It is recommended that the City Council:

1. Authorize execution of Amendment No. 6 to City Secretary Contract No. 49049 in the amount of \$785,500.00, an engineering agreement with CDM Smith, Inc. for construction support services for Village Creek Water Reclamation Facility South Influent Pump Station project for a revised contract amount of \$4,833,369.00;
2. Authorize execution of a contract with Crescent Constructors, Inc. in the amount of \$19,993,000.00 for the Village Creek Water Reclamation Facility Grit Facility & South Influent Pump Station project;
3. Adopt the attached resolution expressing official intent to reimburse expenditures with proceeds from future debt for the Village Creek Water Reclamation Facility South Influent Pump Station project; and
4. Adopt the attached appropriation ordinance adjusting appropriations in the Water and Sewer Commercial Paper Fund by increasing appropriations in the Village Creek Water Reclamation Facility Grit Facility and South Influent Pump Station project (City Project No. 100075) for the amount of \$21,743,164.00 and by decreasing appropriations in the Unspecified project (City Project No. UNSPEC) by the same amount.

**DISCUSSION:**

On May 2, 2017, Mayor and Council Communication (M&C C-28213) authorized an engineering agreement with CDM Smith, Inc., (City Secretary Contract No. 49049), in the amount of \$1,570,965.00 to evaluate and design the Grit Removal Process at the VCWRF.

The agreement was subsequently revised by Amendment No. 1 authorized September 18, 2018 (M&C C-28857) in the amount of \$885,755.00 for the design of the South Influent Pump Station (PS), associated sewer, force main and ancillary improvements. Amendment No. 2 was administratively authorized February 7, 2019 in the amount of \$71,993.00 for physical modeling to investigate and grit facility influent splitter box configuration and the tie-in to the Headworks facility. Amendment No. 3 was authorized April 7, 2020 (M&C 20-0159) in the amount of \$114,939.00 for physical modeling for the South Flow Pump Station, additional odor control design and Grit Influent Splitter Box water jet system modifications. Amendment No. 4 was authorized May 19, 2020 (M&C 20-0346) in the amount of \$705,000.00 for construction support services for construction of the new grit facility at VCWRF. Amendment No. 5 was authorized September 22, 2020 (M&C 20-0700) in the amount of \$699,217.00 for additional services that included screen evaluation and design, odor control evaluation, emergency diversion design, structural rehabilitation design, gate improvements, flood plain permit and geotechnical investigation.

As part of Amendment No. 6, the engineer will perform construction support services for construction of the lift station that includes shop drawings and submittals reviews, change order review, record drawings, update plant operational manual, prepare and submit floodplain LOM, prepare and submit levee certification report.

Construction of the project was advertised for bid on March 4, 2021 and March 11, 2021 in the *Fort Worth Star-Telegram*. On April 8, 2021, the following bids were received:

Bidder	Base Bid	Contract Time
<b>Crescent Constructors, Inc.</b>	<b>\$19,993,000.00</b>	<b>639 Calendar Days</b>
Archer Western Construction, LLC	\$21,518,472.00	
Bar Contractors, Inc.	\$21,837,037.00	
Eagle Contracting, LP	\$23,185,000.00	
Thalle Construction Co., Inc.	\$32,054,500.00	

In addition to the contract cost, \$564,804.00 is required for project management and inspection and \$399,860.00 is provided for project contingency.

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

This project is anticipated to be included in a future revenue bond issue for the Water & Sewer Fund. Available cash within the Water and Sewer portfolio and the City's portfolio along with the appropriation authority authorized under the Callable Commercial Paper Program (CP) will be used to provide interim financing for this project until debt is issued. Once debt associated with this project is sold, bond proceeds will be used to reimburse the Water and Sewer portfolio and the City's portfolio in accordance with the attached reimbursement resolution. Under federal law, debt must be issued within approximately three years in order for these expenses to be reimbursable. Adoption of the attached resolution does not obligate the City to sell bonds, but preserves the ability of the City to reimburse itself from tax-exempt bond proceeds.

Funding for the Village Creek Water Reclamation Facility Grit Facility & South Influent PS Project is depicted below:

<b>FUND</b>	<b>Existing Appropriations</b>	<b>Additional Appropriations</b>	<b>Project Total*</b>
Water & Sewer Bond 2017A Fund 56011	\$1,870,965.00	\$0.00	\$1,870,965.00
WS Capital Project 2019 Fund 56016	\$1,035,755.00	\$0.00	\$1,035,755.00
W&S Commercial Paper Fund 56017	\$27,552,151.00	\$0.00	\$27,552,151.00
W&S Commercial Paper Fund 56019 (Bond 2021)	\$1,379,389.00	\$0.00	\$1,379,389.00
W&S Commercial Paper Fund 56020	\$0.00	\$21,743,164.00	\$21,743,164.00
<b>Project Total</b>	<b>\$31,838,260.00</b>	<b>\$21,743,164.00</b>	<b>\$53,581,424.00</b>

\*Numbers rounded for presentation purposes.

Office of Business Equity: Crescent Constructors, Inc. is in compliance with City's Business Equity Ordinance by committing to 14 percent Business Equity participation on this project. The City's Business Equity goal on this project is 11 percent.

Office of Business Equity: CDM Smith, Inc. is in compliance with the City's BDE Ordinance by committing to six percent SBE participation on this amendment.

The project is located in COUNCIL DISTRICT 5 VCWRF serves all COUNCIL DISTRICTS.

**FISCAL INFORMATION / CERTIFICATION:**

The Director of Finance certifies that funds are currently available in the UNSPEC project within the W&S Commercial Paper Fund and upon approval of the above recommendations and adoption of the attached appropriation ordinance, funds will be available in the W&S Commercial Paper Fund for the VCWRF Grit Fac & S Influent PS project to support the approval of the above recommendations and execution of the amendment to the agreement and contract. Prior to an 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

**Originating Business Unit Head:** Chris Harder 5020

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Expedited