



City of Olathe

COUNCIL AGENDA ITEM

MEETING DATE: 8/4/2020

DEPARTMENT: Public Works

STAFF CONTACT: Mary Jaeger / Beth Wright

SUBJECT: Supplemental Agreement with Burns & McDonnell Engineering Company, Inc. for design of the Vertical Well Field Improvements Project, PN 5-C-031-18.

ITEM DESCRIPTION:

Consideration of Supplemental Agreement No. 2 with Burns & McDonnell Engineering Company, Inc. for design of the Vertical Well Field Improvements Project, PN 5-C-031-18.

SUMMARY:

On November 6, 2018, City Council approved a Professional Services Agreement with Burns & McDonnell to provide engineering services necessary for development of a facility plan to outline the phased replacement of the City's vertical wells. This facility plan identified new vertical well locations, provided a prioritized replacement schedule, and included a template well design which will be utilized as the standard design for each replacement well site. The Agreement also included the complete design of the first replacement well, along with all necessary permitting required for construction.

On April 7, 2020, City Council approved a Construction Manager At-Risk (CMAR) agreement with Crossland Heavy Contractors, Inc. for pre-construction services for this project. This included the development of cost estimates, value engineering and construction sequencing in order to develop a Guaranteed Maximum Price (GMP) for the first phase of the project, which will be presented to the City Council for consideration in Fall 2020.

Based on the preliminary cost estimates developed during the pre-construction phase, it was determined that five (5) vertical wells could be constructed within the first phase of the project budget. This Supplemental Agreement No. 2 will allow for the engineering design and permitting of the four (4) additional vertical wells for inclusion with the forthcoming GMP. The total fee for these additional professional services provided under Supplemental Agreement No. 2 is \$160,734, which raises the total fee for all services provided under the Agreement from \$424,488 to \$585,222.

It is anticipated that construction of the new vertical wells will begin in Fall 2020 with completion in Summer 2021.

FINANCIAL IMPACT:

The funding for the Vertical Well Field Improvements Project, as approved in the 2019 Capital Improvement Plan, includes:

Revenue Bonds	\$4,350,425
SDF Funds	\$1,751,075
Total	\$6,101,500

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ACTION NEEDED:

Approval of Supplemental Agreement No. 2 with Burns & McDonnell Engineering Company, Inc. for design of the Vertical Well Field Improvements Project, PN 5-C-031-18.

ATTACHMENT(S):

- A. Project Location Map
- B. Project Fact Sheet
- C. Supplemental Agreement No. 2