



Legislation Text

File #: 22-0506, Version: 1

CITY COUNCIL AGENDA ITEM

ACTION REQUESTED:

Approve the award of Procurement 21-238, 2022 West Highlands and Maplebrook East Water Main Replacement - Construction Engineering Services, to Deuchler Engineering, a division of Fehr Graham, for an amount not to exceed \$209,900

DEPARTMENT: Water Utilities

SUBMITTED BY: Darrell Blenniss, Director

BOARD/COMMISSION REVIEW:

N/A

BACKGROUND:

In August 2021, the Water Utility issued a request for proposal, seeking the services of an engineering firm to design and prepare construction documents for the West Highlands and Maplebrook East Water Main Replacement Project. Following the issuance of the RFP, the city manager awarded Contract 21-238 to Deuchler Engineering, a division of Fehr Graham, in the amount of \$85,335.

The overall goal of the project is to replace approximately 5,700 feet of aging and deficient water main installed in the 1960s and 1970s, substantially upgrading drinking water safety, service to customers, and overall operational efficiency. Work also includes the replacement of water services, fire hydrants and valve vaults. As part of the RFP, the City included the option to use the services of the successful firm for future phases.

Deuchler completed the engineering design phase as intended, within budget and on time. Project construction was advertised for bid in February 2022 and awarded to J. Congdon Sewer Service on April 5, 2022. The project will be constructed in the summer of 2022.

DISCUSSION:

Two water main replacement projects are planned for the summer of 2022, Park Addition and West Highlands/Maplebrook East. In-house staff will perform construction engineering services for the Park Addition project, which is the more complex of the two projects. Water Utilities will need to utilize an engineering consultant to provide construction engineering services for the West Highlands/Maplebrook East project while the City is in the process of recruiting and onboarding the additional staff approved in the 2022 budget.

Given the positive performance of Deuchler in the design phase, Water Utilities recommends that the City retain Deuchler to provide construction engineering services. Deuchler has intimate knowledge

of the project and is uniquely positioned to successfully deliver construction engineering services. Services provided will include onsite construction inspection and oversight, monitoring construction progress, field inspection and measurements, review of RFIs and change orders, preparation of pay estimates, documentation of as-built information, and punch list and project closeout.

Deuchler submitted a phase three construction engineering proposal with a cost of \$224,500. Staff successfully negotiated a reduction of \$14,600 or approximately 6.5%.

FISCAL IMPACT:

CIP: WU004

Engineering services for water main replacements are expensed to the Infrastructure account listed below as part of the capital improvement program. A total of \$7,941,000 is budgeted for water main replacements as part of WU004 in 2022. Projects awarded to date exceed the amount budgeted for WU004 due to higher than anticipated construction bids; however, the costs can be accommodated within the full scope of the Water Utilities capital budget. Staff continues to monitor the budget and will identify projects to defer if needed.

Account Number	Fund Description	Total Budget Amount
41252000-551502	Water Capital	\$27,438,275