



ITEM REPORT UTILITIES COMMISSION

Agenda Date: 6/8/2022
Agenda Section: Business Item

Department Origination: Public Works

Agenda Item: Approve SEH Contract Amendment No. 3 for Water Treatment Plant Filter Reconstruction and Needs Assessment in the not-to-exceed amount of \$25,020.00 for a total revised contract of \$240,703.64

Approval Required: Simple Majority Vote

BACKGROUND

The City has been working on filter issues at the water treatment plant (WTP) for several years and contracted with SEH on March 13, 2021 in the amount of \$144,050 to provide engineering services for the WTP Filter Reconstruction and Needs Assessment. The original scope of services included project initiation and data collection, WTP Needs Assessment, filter equipment procurement, construction project design, bidding, construction administration (office) services, and construction field services (part-time construction observation).

SEH had originally estimated the fee amendment to be around \$15,000 at the special city council meeting held on March 22, 2022 with the approval of Change Order No. 3 which extended the contractual completion dates approximately one month. Additional engineering has been required beyond what was originally anticipated and presented at the March 22nd meeting.

The City Council approved Amendment No. 1 dated August 31, 2021 in the amount of \$32,100 on September 21, 2021. Amendment No. 2 dated January 21, 2022 was approved by the City Council on February 15, 2022.

Contract Amendment No. 3 is proposed due to several additions to the project which were not anticipated when the original contract or Amendment Nos. 1 and 2 were prepared. Contract Amendment No. 3 is in the amount of \$25,020 and includes:

- Additional Construction Administration Services including lighting design, backwash supply system and procedure optimization, filter inlet flow optimization, and coatings replacement efforts (not included in previous filter coatings). This also includes continued assistance with WTP optimization after construction close out.
- Additional Construction Field Services including reviewing lighting replacements installed by the electrical subcontractor, observing backwashes of the filters after start-up to make recommendations on optimizing the backwash process, observing crack injection efforts to confirm leaks were stopped when injection was complete, observing coatings replacement throughout the WTP beyond the inspection services previously added as Task 9, observing and recording filter inlet weir measurements to assist with supplying even flow to filters, and observing repairs made to the existing WTP backwash troughs that were determined to have damaged seals between the trough and the concrete wall.

With the approval of Contract Amendment No. 3, SEH's total engineering fee on the project would increase to \$240,703.64, representing 11.0% of the total project budget.

FINANCIAL IMPLICATIONS

Including the proposed fee amendment, the revised total estimated SEH design and construction phase professional services fee is \$240,703.64.

- Original Contract dated March 16, 2021 - \$144,050.00
- Contract Amendment No. 1 dated August 31, 2021 - \$32,100.00
- Contract Amendment No. 2 dated January 21, 2022 - \$39,533.64
- Proposed Amendment No. 3 dated May 27, 2022 - \$25,020.00

The 2021 Water Treatment Plant Filter Rehabilitation Improvements Project budget approved at the July 15, 2021 Special City Council Meeting did not include a line item for Contract Amendment No. 3. The amendment will need to be covered by project contingencies.

STAFF RECOMMENDATIONS

Approve SEH Contract Amendment No. 3 for Water Treatment Plant Filter Reconstruction and Needs Assessment in the amount of \$25,020.00 for additions to the project.

COUNCIL ACTION REQUESTED

MOTION to: Approve SEH Contract Amendment No. 3 for Water Treatment Plant Filter Reconstruction and Needs Assessment in the not-to-exceed amount of \$25,020.00 for a total revised contract of \$240,703.64.