



ITEM REPORT UTILITIES COMMISSION

Agenda Date: 7/6/2022
Agenda Section: Information Only

Department Origination: Public Works

Agenda Item: Water Treatment Plant Improvements Project Monthly Update

Approval Required: No Action Required

BACKGROUND

On March 16, 2021, the City retained the services of SEH to design a reconstruction of the City's existing water treatment plant filter (WTP) underdrain system. The project was necessary because the old filter underdrain system became fouled with filter media, resulting in physical failure of the underdrain system in all four (4) of the WTP filter cells. Through extensive investigation, it was determined that the existing underdrain system could not be salvaged and needed to be replaced with a new system.

Work Complete Since Last Update:

- A close out progress meeting was held between the City, Northern Plains Contracting and SEH
- The plant continues to produce water for customers.
- Final close out documentation was provided to SEH by Northern Plains Contracting. SEH provided the documentation to the City.
- Northern Plains Contracting and SEH coordinated delivery of final O&M Manuals to the WTP and confirmed receipt.

Work Scheduled:

- SEH will deliver record drawings to the City over the next month.

Project Schedule Changes:

- None. The construction phase of the project is complete.

Project Budget Update:

- Project Budget that was presented at March 22, 2022 Joint Utilities Commission & City Council Meeting was \$2,225,360 but formally the approved budget is \$2,195,360.
 - Construction Contract: \$1,598,000 (including \$50,000 Owner's Allowance)
 - Contingency: \$319,600
 - Engineering: \$185,050
 - SEH: \$176,050
 - AE2S: \$9,000
 - Soft Costs: \$79,900
 - LMCIT Required Full-Time Inspection (after 7/15/2021): \$12,810 LMCIT (included in SEH Amendment No. 2)
- Contingency Items
 - Engineering Amendments:
 - SEH Amendment No. 1: \$100
 - SEH Amendment No. 2: \$26,723.64 (not including \$12,810 LMCIT above)
 - SEH Amendment No. 3: \$25,020.00
 - AE2S: \$49,475

- Change Order No. 1: \$208,194.54
- Change Order No. 2: \$49,163.19
- Change Order No. 3: \$27,276.40
- Change Order No. 4: (\$18,270.57)
- Change Order No. 5 (in progress): \$4,102.00
- Misc. Costs (Underdrain Shipping, Vonco, Filter Trough Repairs): \$5,057.74
- Estimated Total Budget Remaining: (\$57,241.94)

FINANCIAL IMPLICATIONS

None. Informational only.

STAFF RECOMMENDATIONS

None. Informational only.

COUNCIL ACTION REQUESTED

None. Informational only.