

ITEM #: 24
DATE: 06-11-24
DEPT: W&PC

COUNCIL ACTION FORM

SUBJECT: FY 2022/23 STORY COUNTY EDGE OF FIELD PROJECT - PROFESSIONAL SERVICES AGREEMENT CHANGE ORDER NUMBER 3

BACKGROUND:

On December 14, 2022, a contract was awarded to JEO Consulting Group (JEO) of Wahoo, Nebraska, in the amount of \$41,200 for the preliminary and final design of bioreactors and saturated buffers to treat subsurface drainage from agricultural tile outlets for the Story County Edge-of-Field Project. Saturated buffers and bioreactors reduce the nitrogen discharge from subsurface field drainage before it enters a stream or other surface waters. These practices can be entered into the Iowa Nutrient Reduction Exchange and the nutrient reductions will be ‘banked’ for future use.

On April 17, 2023, a Change Order #1 was executed in the amount of \$6,300 to add final design of bioreactors and saturated buffers for three tile outlets that were not originally included in the Scope of Work. On September 12, 2023 a Change Order #2 in the amount of \$4,000 was approved by Council. That Change Order covered costs associated with redesign requirements from the Natural Resources Conservation Service (NRCS).

An additional Change Order in the amount of \$25,000 now is needed to cover costs associated with construction staking, construction administration, and construction observation. The Iowa Department of Agriculture and Land Stewardship (IDALS) is providing funding for the project and has requested that the City utilize JEO to perform construction phase services for the bioreactors and saturated buffers that they designed in order to ensure that the practices are installed as intended.

A summary of the contract history with JEO is as follows:

Original Agreement	\$41,200
Change Order #1	\$6,300
Change Order #2	\$4,000
<i>Change Order #3 (this action)</i>	<i>\$25,000</i>
Adjusted Contract Price	\$76,500

This project is being funded from the Watershed-based Nutrient Reduction CIP, which is budgeted at \$200,000 annually. Story County Conservation and the Iowa Department of Agriculture & Land Stewardship are reimbursing the City for costs related to this project. **The cost-share for professional services is 1/3 each, meaning the net cost to the City for Change Order #3 will be \$8,333.**

ALTERNATIVES:

1. Approve Change Order #3 in the amount of \$25,000 to JEO Consulting Group of Wahoo, Nebraska to cover costs associated with construction staking, construction administration, and construction observation for the FY 2022/23 Story County Edge-of-Field Project.

2. Do not approve Change Order #3. Because IDALS is providing the majority of the funding for the project and because they have requested that construction phase services be provided by the original design firm to maintain the continuity of the design, not approving the change order could jeopardize the funding for the project.

CITY MANAGER'S RECOMMENDED ACTION:

Treatment of subsurface drainage from agricultural tile outlets with bioreactors and saturated buffers is an effective method for reducing nutrient loading to surface waters. The Water & Pollution Control Department can 'bank' these nutrient loading reductions in the Iowa Nutrient Reduction Exchange and will be able to apply any banked reductions to future nutrient reduction requirements in the Water Pollution Control Facility's National Pollutant Discharge Elimination System permit. The Iowa Department of Agriculture and Land Stewardship (IDALS) is providing 1/3 of the cost for professional services and 3/4 of the cost of constructing the project. IDALS has requested that the City continue with the same design firm for the construction phase of the project.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, as described above.

ATTACHMENT(S):

[PO #61345 - JEO Consulting - CO #3_half signed.pdf](#)