ITEM # 36 DATE: 04-12-22

COUNCIL ACTION FORM

SUBJECT: AWARD CONTRCT FOR THE ADA HAYDEN HERITAGE PARK WETLAND G DREDGING PROJECT

BACKGROUND:

This project is to dredge Wetland G located in Ada Hayden Heritage Park (see Figure 1). The base bid includes removing approximately 3,800 cubic yards of sediment (sand, silt, soil, etc.) and disposal at an offsite location. Alternate #1 includes soil preparation and temporary erosion seeding of the areas disturbed during the project.

Wetland G is the first wetland pond that is part of a complex of wetland ponds that treat storm water flowing into the park via Jewelwing Creek. Jewelwing Creek drains a majority of the land directly west and northwest of Ada Hayden Heritage Park (Hayden's Preserve, see Figure 1). It is estimated that Wetland G is at capacity regarding the amount of sediment that has been deposited as determined by comparing the original specifications to a survey completed in June of 2021.



Figure 1

It is noted in the Ada Hayden Heritage Park Land Management Plan that in order for the wetland ponds to continue to function as designed, dredging should take place within 20 years after the park's development. This year marks the eighteenth year of the park being open. The goal is to keep Wetland G clean of sediment because it lessens the chance of needing to dredge the other wetlands.

City of Ames Water Pollution Control staff completed the survey and developed the plans and specifications for the project. City Council approved plans and specifications at its February 22 meeting and bids were received March 23. Bids received are shown below:

Bidder	Base Bid	Alt #1
Nagel Construction LLC., Allerton, Iowa	\$110,823	\$ 7,500
Iowa Earth Works, Huxley, Iowa	\$140,500	\$15,000
Con-struct, Inc., Ames, Iowa	\$213,120	\$ 4,050
Wenthold Excavating, LLC., Elkhart, Iowa	\$343,000	\$ 8,000

The FY 2020/21 adjusted City Budget allocated \$175,000 from General Fund savings for this project. This funding has been carried over into the current year and is available for this project. In order for this project to take place, the wetland and surrounding area has to be dry. Hopefully conditions will allow for it to be completed by the end of the summer. The area surrounding the wetland disturbed by the project will be seeded back to native prairie in the spring of 2023 at an estimated cost of \$7,000.

ALTERNATIVES:

- 1. Award contract to Nagel Construction LLC., Allerton, Iowa, for the Ada Hayden Heritage Park Wetland G Dredging Project in the amount \$118,323 (Base Bid and Alternate #1).
- 2. Accept the report of bids for the Ada Hayden Heritage Park Wetland G Dredging Project, but do not award a contract at this time.
- 3. Reject all bids.

CITY MANAGER'S RECOMMENDED ACTION:

Ada Hayden Heritage Park is one of the most popular parks in Ames. More importantly, the lake provides a source of water in times of drought to recharge the aquifer that supplies the City of Ames. The wetlands are in place to protect the lake by filtering stormwater coming into the park. It is important the wetlands are maintained to ensure they operate as intended and dredging will assist with meeting that goal.

Therefore, it is the recommendation of the City Manager that City Council approve Alternative #1 as stated above.