


COUNCIL COMMUNICATION

 CITY OF DES MOINES OFFICE OF THE CITY MANAGER	Number:	23-462	Meeting:	October 23, 2023
	Agenda Item:	79	Roll Call:	23-1504
	Submitted by:	Benjamin R. Page, Park and Recreation Director, and Steven L. Naber, P.E., City Engineer		

AGENDA HEADING:

Hearing on Glendale Cemetery Pond Dredging Improvements: Resolution approving plans, specifications, form of contract documents, engineer's estimate, receive and file bids, and designating lowest responsible bidder as RW Excavating Solutions, LC, Dan E. Wilson, Managing Member, \$562,785.

SYNOPSIS:

This is a public hearing to allow for public input on the Glendale Cemetery Pond Dredging Improvements and take the necessary actions as required by Iowa Code to authorize a contract for construction of the proposed project. This project will involve the dredging of a pond in Glendale Cemetery. The pond was identified in a watershed report as a site to improve stormwater management practices and improve water quality. The work includes dredging the cemetery pond, creating a wet detention pond, and installing a water quality pretreatment device. A water control structure will be installed as well as modifying the existing outlet to improve the control of flows during small storm events. The dredging and wet detention design will provide a higher quality fish habitat, reduce temperature pollution, increase phosphorous retention, and provide for sediment retention. Sidewalk paths will provide access to the pond as a site amenity to the cemetery and upland areas will be prepared to receive future permanent native plantings and landscaping to complement the stormwater management practices.

FISCAL IMPACT:

Amount: \$562,785 Construction Contract (\$850,000 City Engineer's Estimate)

Funding Source: 2023-2024 Capital Improvement Program (CIP), Page 80, Urban Conservation Projects, PK167, Being: \$312,785 in GO Bonds and the remaining \$250,000 in Iowa Department of Agriculture and Land Stewardship (IDALS) Grant Funds

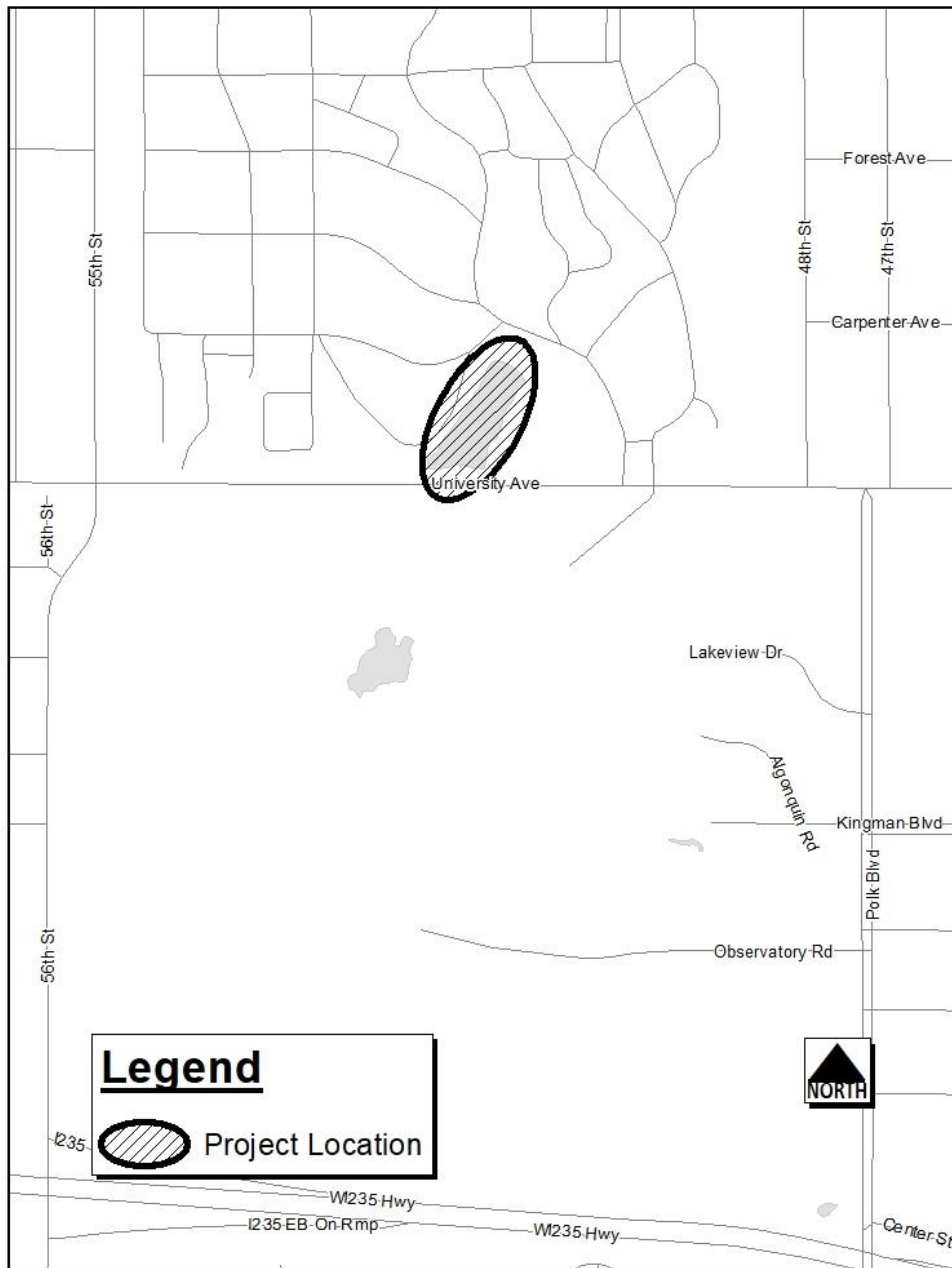
ADDITIONAL INFORMATION:

- On September 11, 2023, under Roll Call No. 23-1226, the City Council received and filed plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the Glendale Cemetery Pond Dredging Improvements. Before the City Council can enter into a contract, it must hold a public hearing and approve the proposed plans, specifications, and form of contract documents and engineer's estimate for the construction of the Glendale Cemetery Pond Dredging Improvements, Activity ID 112023011. The improvement includes excavation and

grading, dewatering, compacted clay pond liner, water control structure, modification to outlet structure, new water quality pretreatment unit, new Portland Cement Concrete (PCC) sidewalk, limestone outcropping, pond habitat improvement, revetment, erosion controls, temporary site seeding and mulching, traffic control, and associated work including cleanup and restoration, all in accordance with the contract documents, including Plan File No. 655-172/193, located in Glendale Cemetery, 4909 University Avenue, Des Moines, Iowa.

- Sealed bids for said improvement were submitted by the following bidders:
 - RW Excavating Solutions, LC, Prairie City, IA - Low Bid
 - DSM Dirtworx, Pleasant Hill, IA
 - Elder Corporation, Des Moines, IA
 - On Track Construction, LLC, Nevada, IA
 - S. M. Hentges & Sons Inc., Jordan, MN
 - Wenthold Excavating LLC, Elkhart, IA
 - C. J. Moyna & Sons, Inc., Elkader, IA
- The bids were received and opened at a public meeting presided over by the City Engineer in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, IA, at 11:00 a.m. on October 3, 2023.
- The City Engineer has determined that the lowest responsive, responsible bid for the construction of said improvement was submitted by RW Excavating Solutions, LC, Dan E. Wilson, Managing Member, 13293 S. 88th Avenue W, Prairie City, IA, 50228 in the amount of \$562,785, and said bid should be accepted. The Finance Director has determined that funds are available for said improvement as stated above.
- In 2013, the Parks and Recreation and Public Works Departments partnered to plan for more ecologically based, sustainable stormwater infrastructure in the upper watershed of Waveland Creek, a tributary of Walnut Creek. The Waveland Golf Course and Glendale Cemetery Stormwater Management Master Plan was the result of the planning efforts. These two (2) City-owned properties comprise nearly two-thirds of the upper watershed.
- This work evaluated existing site conditions and identified opportunities to improve stormwater management practices, parks and recreation benefits, golf course playability and ecological conditions within the 515-acre study area.
- The study findings detail significantly undersized stormwater capacity that are overwhelmed during ever more frequent heavy rain events. Storm water pipes have been replaced and repaired several times in the years since the study was completed in 2014, but implementation of recommendations is needed and becoming more urgent.
- In 2022, the City hired a consultant to assist with refining the 2014 schematic design of recommendations. The focus was at Glendale Cemetery, including the relationship to the downstream opportunities at Waveland Golf Course. This resulted in the recommendation to proceed with advancing efforts first at improving the functionality and water quality of Glendale Pond.

- The Parks and Recreation Department applied for the IDALS Water Quality Grant in February 2023 and was awarded \$250,000 for these improvements.
- The project will greatly improve the pond's stormwater control capabilities based on Iowa Stormwater Management Manual (ISWMM) guidance. User accessibility will be introduced with an accessible path leading to and along the pond perimeter. Installing shoreline stabilization measures and native plantings will support water quality, aesthetics, maintenance, operations, accessibility and align with the recommendations of the adopted Goose Management Plan to deter nuisance geese populations.
- Construction of this project is anticipated to be completed in the summer 2024.



PREVIOUS COUNCIL ACTION(S):

Date: September 11, 2023

Roll Call Number: [23-1226](#)

Action: Ordering construction of the following:

- (D) [Glendale](#) Cemetery Pond Dredging Improvements: Receiving of bids, (10-3-23) and Setting date of hearing, (10-23-23), Engineer's estimate, \$850,000. ([Council Communication No. 23-412](#)) Moved by Gatto to adopt. Second by Boesen. Motion Carried 6-0.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

Partial payments to the contractor and final acceptance of work.

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