

AGENDA ITEM FORM

SUBJECT: Joint Maffitt Lake Booster Station

SUMMARY:

- In July 2017, a 28E Agreement was executed between the City of Cumming, the City of Norwalk, and Des Moines Water Works (DMWW) for design and construction of a new water main and booster station to supply additional water to Cumming and Norwalk.
- In December 2017, an Amendment to the 28E Agreement was signed which expanded the scope of Phases 1 and 2 to include West Des Moines Water Works in those facilities. This included design and construction of a new 24-inch water main from McMullen Water Treatment Plant to the south end of Maffitt Lake Park and a new booster station to house pumps for Cumming, Norwalk, and WDMWW.
- This contract is for the Joint Maffitt Lake Booster Station, which includes a building to house pumping equipment and installation of the pumping equipment for Cumming and Norwalk. The building includes additional space and facilities for WDMWW to install equipment at a later date.
- In October 2018, the Board of Water Works Trustees authorized staff to solicit bids for the Joint Maffitt Lake Booster Station. The Public Hearing was established as the date of the December 2018 Board meeting.
- Plans, specifications, and contract documents were taken out by fourteen (14) prospective bidders. Eight (8) bids were submitted on December 6, 2018.

BIDDER	BASE BID	ALTERNATE 1	ALTERNATE 2
Edge Commercial, LLC	\$1,179,700	\$88,490	\$12,000
Koester Construction Company, Inc.	\$1,314,000	\$90,000	\$21,000
Building Crafts, Inc.	\$1,324,900	\$100,000	\$100,000
Henkel Construction Company	\$1,342,000	\$87,000	\$141,000
Woodruff Construction, LLC	\$1,383,700	\$74,000	\$65,000
Absolute Group, Inc.	\$1,456,500	\$84,000	\$55,000
Neumann Brothers, Inc.	\$1,459,000	\$88,900	\$-17,750
Synergy Contracting, LLC	\$1,646,000	\$88,000	\$21,000

- The engineer's estimate for this contract is \$1,600,000.00.
- Edge Commercial, LLC, has not previously completed work for Des Moines Water Works. Staff contacted a reference and determined that Edge Commercial, LLC, is capable of successfully completing this project.
- Staff recommends the Board award a contract for Base Bid plus both Alternate 1 and Alternate 2 to Edge Commercial, LLC, in the amount of \$1,280,190, with such award to be contingent upon execution of a Second Amendment to the original 28E Agreement.

FISCAL IMPACT:

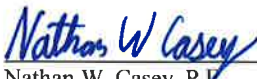

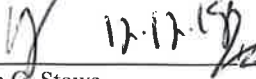
Cumming, Norwalk, and West Des Moines Water Works will reimburse DMWW for 100% of the costs associated with the Joint Maffitt Lake Booster Station portion of the project. This portion of the project is included as part of Phase 2 of the Amended 28E Agreement. The costs associated with construction of the booster station building and installation of previously purchased equipment will obligate \$1,280,190 of the budgeted construction costs for Phase 2 of this project.

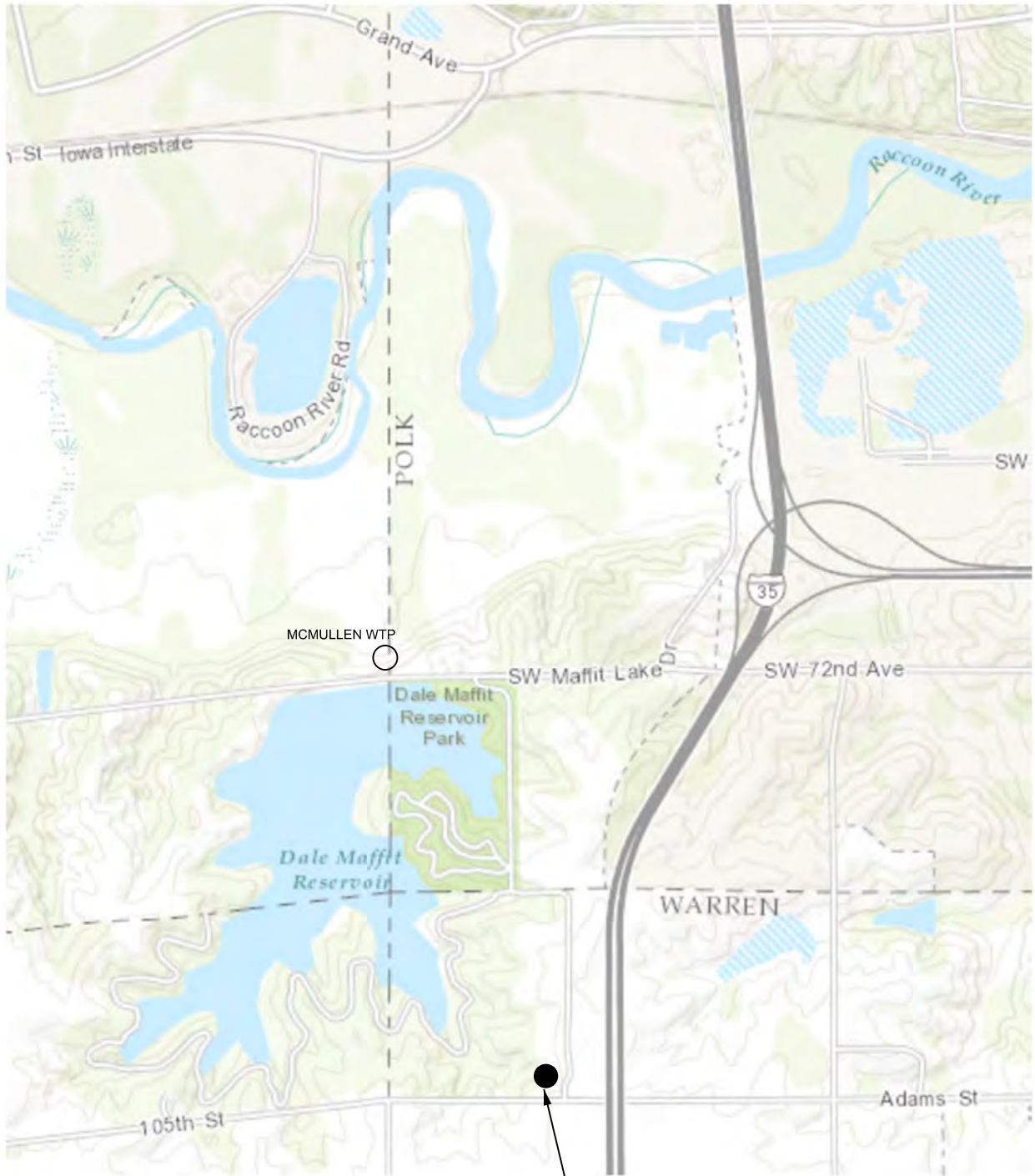
RECOMMENDED ACTION:

Award the Joint Maffitt Lake Booster Station contract for Base Bid plus both Alternate 1 and Alternate 2 to Edge Commercial, LLC, in the amount of \$1,280,190, and authorize the Chairperson and CEO and General Manager to execute the contract, with such award to be contingent upon execution of a Second Amendment to Chapter 28E Agreement specifying an agreed-upon cost share allocation for the expansion of the Pump Station.

BOARD REQUIRED ACTION:

- Public Hearing – Opened by Chairperson for comments from the public regarding the form of contract, plans and specifications, and estimated cost. Chairperson closes hearing.
- Finding that no facility of the kind to be constructed is available for rent or sharing from another agency.
- Motion for adoption of form of contract, plans and specifications, and estimated cost.
- Analysis of bids received.
- Award the Joint Maffitt Lake Booster Station contract for Base Bid plus both Alternate 1 and Alternate 2 to Edge Commercial, LLC, in the amount of \$1,280,190, contingent upon execution of a Second Amendment to Chapter 28E Agreement specifying an agreed-upon cost share allocation for the expansion of the Pump Station and to authorize the Chairperson and CEO and General Manager to execute the contract if the contingency is met.

 Nathan W. Casey, P.E. (date) 12/11/18 Infrastructure Planning Manager	 Michael J. McCurmin, P.E. (date) 12/11/18 Engineering Services Manager	 William G. Stowe (date) 12-17-18 CEO and General Manager
---	--	--



VICINITY MAP

SCALE: NONE

Section 28E.18 Finding

To: The Board of Water Works Trustees
of the City of Des Moines, Iowa

Project: Joint Maffitt Lake Booster Station ("Project")

As a result of on-going contacts with area water agencies, I am familiar with the facilities that exist for water service in the Central Iowa area, including the area of the Project.

The development of the Project takes into account regional planning of water infrastructure needs and is fully consistent with that planning. As a result, the Project reflects appropriate coordination of existing infrastructure utilization among area water utilities.

There are no suitable facilities available for rent or sharing in lieu of the Project.

Dated: December 11, 2018



Michael J. McCurnin, P.E.