

AGENDA ITEM FORM

SUBJECT: 2016 Army Post Road Aquifer Storage and Recovery Well – Well House and Piping

SUMMARY:

- At the May 2016 Board meeting, the Board of Water Works Trustees authorized staff to solicit bids for the 2016 Army Post Road Aquifer Storage and Recovery Well – Well House and Piping project. The Public Hearing was established as the date of the June 2016 Board meeting.
- Plans, contract documents and specifications were received by twenty-five prospective bidders including contractors, subcontractors and material suppliers.
- Contract documents were configured to allow bidders to submit alternate bids for packaged engine-generator systems of different sizes. This allowed flexibility in obtaining bids that could be within the engineer's estimate of \$1,861,000.
- Following is a summary of the bids that were received and on June 21, 2016:

Bidder	Base Bid	Alternate 1 Bid Add 1,250 kW Generator	Alternate 2 Bid Add 910 kW Generator
C.L. Carroll Company, Inc.	\$1,884,000	\$451,000	\$351,000
Synergy Contracting, L.L.C.	\$2,777,000	\$385,000	\$297,000

- A Chapter 28E Agreement outlines provisions for this joint project with the City of West Des Moines and the West Des Moines Water Works (WDMWW). Provisions of this Chapter 28E Agreement allow for upward adjustments to the total project cost estimate of \$3,591,132 that was computed in December 2014. Applying these adjustments results in a revised upper limit for the total project cost estimate of \$4,316,433 for May 2016.
- Staff recommends that a contract be awarded to C.L. Carroll Company, Inc. for the Base Bid and Alternate Bid 2 which adds the 910 kW packaged engine generator system to the contract. The contract amount for the Base Bid and Alternate 2 Bid is \$2,235,000.
- Awarding a contract to C.L. Carroll Company, Inc. for the Base Bid and Alternate Bid 2 in the amount of \$2,235,000 results in a revised total project cost estimate of \$4,655,000. This exceeds the May 2016 upper limit to the total project cost estimate by \$338,567.
- The City of West Des Moines and WDMWW were notified by staff after the bids were received that the total project cost estimate exceeded the upper limit provided for in the Chapter 28E Agreement by \$338,567.
- Staff received the City of West Des Moines' approval to proceed with awarding a contract to C.L. Carroll Company, Inc. for the Base Bid and Alternate Bid 2 which includes the 910 kW packaged engine generator system.

FISCAL IMPACT:

Funds for this project were not budgeted for 2016. The City of West Des Moines and WDMWW will reimburse Des Moines Water Works for 100 percent of the costs associated with design and construction of this project.

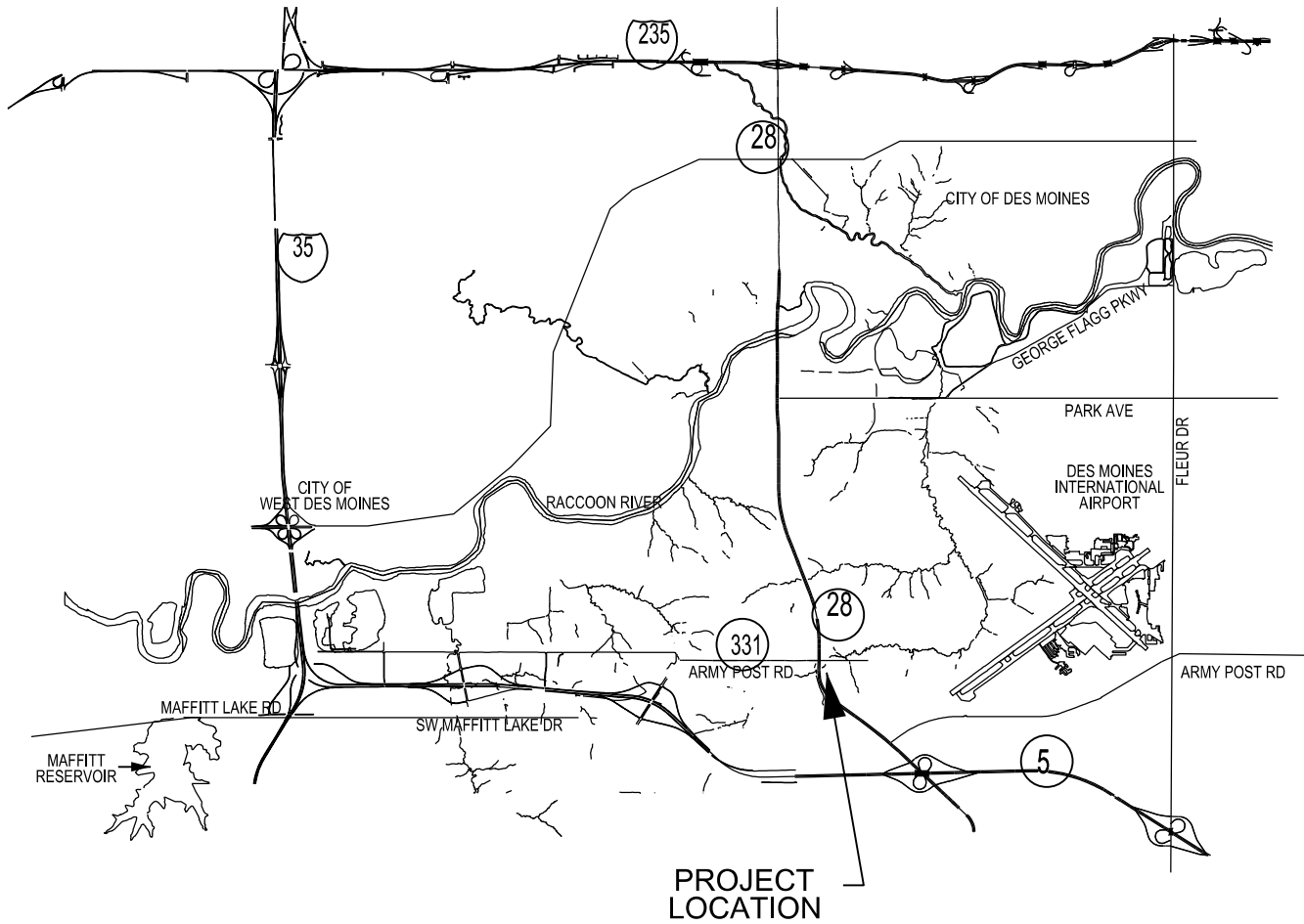
RECOMMENDED ACTION:

Award the 2016 Army Post Road Aquifer Storage and Recovery Well – Well House and Piping contract to C.L. Carroll Company, Inc. for the Base Bid and Alternate Bid 2 in the amount of \$2,235,000 and authorize the Chairperson and CEO and General Manager to execute the contract.

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 2016 Army Post Road Aquifer Storage and Recovery Well – Well House and Piping contract to C.L. Carroll Company, Inc. for the Base Bid and Alternate Bid 2 in the amount of \$2,235,000 and authorize the Chairperson and CEO and General Manager to execute the contract.

_____/_____ Vern Rash, P.E., L.S. (date) Project Manager	_____/_____ Danny J. Klopfer, P.E. (date) Engineering Services Manager	_____/_____ William G. Stowe (date) CEO and General Manager
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VICINITY MAP

NOT TO SCALE

Des Moines
Water Works
 Water You Can Trust for Life
 ENGINEERING DEPARTMENT
 Des Moines, Iowa

2016 ARMY POST ROAD
 AQUIFER STORAGE AND RECOVERY WELL
 WELL HOUSE AND PIPING

Section 28E.18 Finding

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

Project: 2016 Army Post Road Aquifer Storage and Recovery Well –
Well House and Piping (“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: June 21, 2016

Danny J. Klopfer, P.E.