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Department of Utilities
Water Treatment Facility
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TO: Chairperson Kathy Plank and Members of the Finance Committee

CC: Chairperson Greg Dannecker and Members of the Utilities Committee

FROM: Utilities Director Chris Shaw

DATE: May 6, 2015

RE: *Award the Glendale Water Tower Project to Caldwell Tanks in the amount of \$2,467,000 with a 10% contingency in the amount of \$246,700 for a project total not to exceed \$2,713,700*

BACKGROUND:

The 1 million gallon Glendale Water Tower Project is currently budgeted and planned for construction during 2015 and 2016. The proposed tower will provide increased fire protection capability and an additional 500,000 gallons of elevated water storage. As reported in a February 29, 2014 memo to Utilities Committee, the Public Works and Utilities Departments had selected the City owned site southwest of the Glendale and Sandra intersection. The site location was selected based on computer hydraulic modeling and a preliminary geotechnical survey of the property which confirmed appropriate subsoil conditions to support the 1 million gallon tower structure.

On July 18, 2014 the Utilities Committee approved an engineering services contract to Strand Associates. Strand Associates completed an initial evaluation of alternative tower styles and construction. From their analysis, the composite style (steel tank storage container atop a reinforced concrete pedestal) of water tower provides the greatest value at the least cost. Strand Associates is also under contract to provide construction management services over the course of the project.

BIDDING PROCESS AND RESULTS:

Bidding documents were finalized in April 2015. The construction costs were estimated to be above the budget of \$2,900,000. Project cost reductions included leaving moderately contaminated soils on site, reducing the coating system containment curtain

and removing the City logo from the project. On May 5, 2015 four contractor bids were opened. The following table identifies the contractor bids.

COMPANY	BID
<i>Chicago Bridge and Iron</i>	\$2,673,000
<i>Landmark Structures</i>	\$2,575,000
<i>Phoenix Fabricators</i>	\$2,849,000
<i>Caldwell Tanks</i>	\$2,467,000

All of the submitted bids met project bidding requirements. The quote received from Caldwell Tanks was the least cost quote. Strand Associates completed their review and recommends that the project be awarded to Caldwell Tanks.

RECOMMENDATION:

Award the Glendale Water Tower Project to Caldwell Tanks in the amount of \$2,467,000 with a 10% contingency in the amount of \$246,700 for a project total not to exceed \$2,713,700. If you have questions regarding this project please feel free to contact Chris Shaw at ph: 832-5945.