



City of Grand Island

Tuesday, November 10, 2015

Council Session

Item G-7

#2015-301 - Approving Engineering Services for Elevated Water Storage Tower

Staff Contact: Tim Luchsinger, Stacy Nonhof

Council Agenda Memo

From: Timothy G. Luchsinger, Utilities Director
Stacy Nonhof, Assistant City Attorney

Meeting Date: November 10, 2015

Subject: Phase I - Elevated Water Storage Tower Engineering Services

Presenter(s): Timothy G. Luchsinger, Utilities Director

Background

The Utilities Department will periodically retain the services of a consultant to review the City's water system for deficiencies and to assist in planning future requirements. The water system must meet certain operational standards to be suitable both for human consumption and for fire protection. These operational standards include analyzing chemical and microbiological components of the water, and hydraulic testing of the system for flow and pressure characteristics. The consultant also projects future system demands and recommends improvements for pumping and distribution components of the system, as well as water sources.

The latest study completed earlier this year by HDR, resulted in a 20 year Master Plan for the water system. Based on this Master Plan, areas of deficiency were noted, as well as a general timetable for completing corrective actions. Some of the projects from the Master Plan recommendations include: distribution system main replacement program, addition of elevated storage, addition of system zones, and modifications to the pumping stations.

The current distribution system pressure is maintained by three pumping stations, one on the west side of town, and two centrally located. Grand Island has a relative flat topography that allows for single zone system.

It was recommended to add elevated storage (water tower) on the west side of Grand Island to increase system storage and stabilize pressures, boost fire flow availability, and allow for some emergency storage without pumping. The elevated storage construction will be a phased over two years with procurement of the land, procurement of the elevated storage tank, development of the site and installation of the water supply line, and the final phase of construction of the tower.

Discussion

Specifications for engineering services for the project, Elevated Water Storage Tower, were advertised and issued for proposals in accordance with the City Purchasing Code. Responses were received from the following firms:

Bidder	Bid Price
Olsson Associates, Grand Island, NE	\$25,220.00
HDR, Omaha, NE	\$24,842.00

The proposals were reviewed by plant engineering staff for factors such as cost, experience, and qualifications. Based on an evaluation of these factors, the Utilities Department recommends that the engineering services contract for Elevated Water Storage System Engineering be awarded to HDR, of Omaha, Nebraska.

Alternatives

It appears that the Council has the following alternatives concerning the issue at hand. The Council may:

1. Move to approve
2. Refer the issue to a Committee
3. Postpone the issue to future date
4. Take no action on the issue

Recommendation

City Administration recommends that Council award the Contract for Phase I – Elevated Storage Water System Engineering to HDR, with the not-to-exceed cost of \$24,842.00.

Sample Motion

Move to approve award of the contract for Phase I – Elevated Storage Water Storage System to HDR of Omaha, Nebraska, with a not-to-exceed cost of \$24,842.00.



Stacy Nonhof, Purchasing Agent

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Better Tomorrow, Today*

**REQUEST FOR PROPOSAL
FOR
ENGINEERING SERVICES FOR STUDY ELEVATED WATER STORAGE TOWER**

RFP DUE DATE: October 13, 2015 at 4:15 p.m.
DEPARTMENT: Utilities
PUBLICATION DATE: September 25, 2015
NO. POTENTIAL BIDDERS: 6

SUMMARY OF PROPOSALS RECEIVED

HDR
Omaha, NE

Olsson Associates
Lincoln, NE

cc: Tim Luchsinger, Utilities Director
Marlan Ferguson, City Administrator
Stacy Nonhof, Purchasing Agent
Lynn Mayhew, Assist. Utilities Director

Pat Gericke, Utilities Admin. Assist.
William Clingman, Interim Finance Director
Karen Nagel, Utilities Secretary

P1845

RESOLUTION 2015-301

WHEREAS, the City of Grand Island invited a proposal for Engineering Services for Elevated Water Storage Tower according to plans and specifications on file with the Utilities Department; and

WHEREAS, on October 13, 2015, proposals were received, opened and reviewed; and

WHEREAS, HDR of Omaha, Nebraska, submitted a proposal in accordance with the terms of the advertisement, plans and specifications and all other statutory requirements contained therein, such proposal being a not-to-exceed cost of \$24,842.00.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the proposal of HDR of Omaha, Nebraska, in the amount not to exceed \$24,842.00, for Engineering Services for Elevated Water Storage Tower, is hereby approved as the lowest responsible proposal.

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Adopted by the City Council of the City of Grand Island, Nebraska, November 10, 2015.

Jeremy L. Jensen, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
November 6, 2015	☐ City Attorney