



MAYOR & COUNCIL COMMUNICATION

DATE: January 6, 2014

REGULAR

ITEM # 17

AGENDA ITEM: Pumphouse No. 4 Improvements – Approve Plans and Specifications and Order Advertisement for Bids

SUBMITTED BY: Jack Griffin, City Engineer

THROUGH: Dean A. Zuleger, City Administrator

REVIEWED BY: Jack Griffin, City Engineer
Cathy Bendel, Finance Director
Mike Bouthilet, Public Works

SUGGESTED ORDER OF BUSINESS:

- Introduction of Item..... City Engineer
- Report/Presentation..... City Engineer
- Questions from Council to Staff..... Mayor Facilitates
- Public Input, if Appropriate..... Mayor Facilitates
- Call for Motion..... Mayor & City Council
- Discussion..... Mayor & City Council
- Action on Motion..... Mayor Facilitates

POLICY RECOMMENDER: Engineering.

FISCAL IMPACT:

The total estimated project cost for Pumphouse No. 4 is \$885,000. The project is scheduled to be paid through a combination of DEED grant money (\$220,000) and water enterprise funds (\$665,000). The city cost share, or water enterprise funds, will be financed through the issuance of bonds with the bond payments paid with the collection of water availability and water connection charges.

Approval of this resolution does not commit the council to the project costs. Once contractor bids are received, the actual construction costs will be known and the council will be asked to consider entering into a contract to complete the work.

SUMMARY AND ACTION REQUESTED:

The City Council is respectfully requested to consider approving the plans and specifications and ordering the advertisement for bids for the Pumphouse No. 4 Improvements. The recommended motion for this action is as follows:

“Move to approve Resolution No. 2014-05, approving the plans and specifications and ordering the advertisement for bids for the Pumphouse No. 4 Improvements.”

LEGISLATIVE HISTORY:

In accordance with the 2013-2014 Capital Improvement Plan, the city is pursuing the addition of a new water supply well, Well No. 4, to support the current and future growth and development water supply needs for the city. The project is being completed under three separate contracts to align with the various required contractor specialties including a well driller; a building contractor with electrical, controls, and HVAC specialties; and a directional drilling utility contractor. All three contracts, along with the Keats Trunk Watermain Improvements, are part of the city's water system DEED grant, whereby the city must expend \$1.0 million in local matching funds to receive the \$1.0 million state bond grant. Per the Grant Agreement, all grant funds must be fully expended by December 31, 2014. The well drilling for Well No. 4 is near completion.

On August 6, 2013, the council authorized the preparation of plans and specifications for the Pumphouse No. 4 Improvements and the Connecting Trunk Watermain Improvements. In accordance with the project schedule, the plans and specifications for the Pumphouse have been completed and are ready to be advertised for contractor bids.

BACKGROUND INFORMATION:

Plans and Specifications have been completed for Pumphouse No. 4. The Engineer's opinion of probable construction cost is \$730,500. The improvements include:

- Construction of a municipal building to enclose the new city well and related chemical feed equipment. The building is located on newly acquired property near 50th Street and Lake Elmo Avenue.
- Chemical feed equipment and piping to safely deliver drinking water to customers, HVAC equipment, electrical and SCADA controls, and safety equipment.
- A natural gas generator to operate the well in the event of a power outage.
- Site grading, driveway construction, and exterior work needed to adequately allow for chemical delivery, well maintenance and day-to-day operational needs.
- Erosion control, cleanup and site restoration.

Construction of Pumphouse No. 4 is needed to operate the newly drilled Municipal Well No. 4. The new well supplements the supply capacity of the city's municipal water system in order to satisfy peak summer demands and support further expansion of the water system customer base from new growth and development. The need for Well No. 4 is documented in the City's 2030 Comprehensive Water System Plan and has been programmed in the 2013 Capital Improvement Program.

In the near future, the city engineer will recommend that the council accept plans and specifications for the construction of the Well No. 4 Connecting Watermain. The project will extend a new 12-inch diameter trunk connecting watermain from the well location to connect with the existing watermain near the intersection of Lake Elmo Avenue and 43rd Street N.

RECOMMENDATION:

Staff is recommending that the City Council approve the plans and specifications and order the advertisement for bids for the Pumphouse No. 4 Improvements. The recommended motion for this action is as follows:

“Move to approve Resolution No. 2014-05, approving the plans and specifications and ordering the advertisement for bids for the Pumphouse No. 4 Improvements.”

ATTACHMENT(S):

1. Resolution 2014-05 Approving Plans and Specifications and Ordering Advertisement for Bids.
2. Project Schedule.
3. Pumphouse No. 4 Rendering
4. Pumphouse No. 4 Site Plan.
5. Pumphouse No. 4 Plans and Specifications *(available for review at City Hall)*.