

ITEM # 20
DATE 11-25-08

COUNCIL ACTION FORM

SUBJECT: WATER SYSTEM IMPROVEMENTS (SUMMIT AVENUE AND CRESCENT STREET)

BACKGROUND:

The annual Water System Improvements program provides for replacing water mains in areas that are experiencing rusting water problems. It also provides for installing larger distribution mains in areas that have a high concentration of 4-inch supply lines, transferring water services from 4-inch water mains in streets where larger water mains exist, and abandoning 4-inch water mains. Eliminating duplicate water mains, where possible, improves water flow and helps reduce rusty water. Installing larger distribution lines in areas that have a high concentration of 4-inch supply lines and less than desirable fire-fighting capacity (predominately in the older areas of the community) provides larger supply quantities in relation to the current and proposed land uses, in accordance with the Land Use Policy Plan.

As part of the 13th Street Water Main Replacement Project (Crescent Street to Furman Aquatic Center), the City received complaints of low pressure in Summit Avenue, Crescent Street, and 13th Street near the project during the testing of the water main. The 4-inch main along Summit Avenue and Crescent Street was identified as having insufficient capacity (approximately a 2-inch capacity) due to build-up in the existing pipe. This location was highlighted in the Water Distribution System Study as needing to be replaced. Considering the current circumstance, this project has been re-prioritized to provide reliable water in that area. Additionally, Summit Avenue and Crescent Street are currently included in the 2008/2009 Seal Coat Removal/Asphalt Reconstruction Program, which is under contract with Manatt's, Inc. to be completed in summer 2009. Manatt's has agreed to schedule their work following completion of this water main project.

On Wednesday, November 19, 2008, bids were received as follows:

<u>Bidder</u>	<u>Amount</u>
Engineer's Estimate	\$230,000.00
Ames Trenching & Excavating, Inc.	\$224,831.00
Synergy Contracting LLC	\$246,411.98
Keller Excavating, Inc.	\$285,909.50
Van Hauen & Associates, Inc.	\$343,286.30

This project will use remaining funds from the 2007/08 Water System Improvement Program, which is included in the budget in the amount of \$900,000 from the Water

Utility Fund. The following table shows the financial obligations of the 2007/08 Water System Improvement Program.

<u>Project</u>	<u>Contract Amount</u>
Water Service Transfers	\$ 433,894.08
State Avenue & Lettie Street Main Replacement	\$ 99,421.00
13 th Street Water Main Replacement Contribution	\$ 41,300.00
Summit Avenue and Crescent Street Replacement Estimate	\$ 230,000.00
Engineering and Construction Administration	\$ 60,000.00

Total \$ 864,615.08

ALTERNATIVES:

- 1a. Accept the report of bids for the 2007/08 Water System Improvements (Summit Avenue and Crescent Street).
 - b. Approve the final plans and specifications for the 2007/08 Water System Improvements (Summit Avenue and Crescent Street).
 - c. Award the 2007/08 Water System Improvements (Summit Avenue and Crescent Street) to Ames Trenching & Excavating, Inc. of Ames, IA, in the amount of \$224,831.00.
2. Reject the project.

MANAGER'S RECOMMENDED ACTION:

By approving the plans and specifications, it will be possible to provide a reliable water source to the area residents and to complete the installation prior to the street reconstruction project.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, thereby accepting the report of bids, approving the final plans and specifications, and awarding the 2007/08 Water System Improvements (Summit Avenue and Crescent Street) to Ames Trenching & Excavating, Inc. of Ames, IA, in the amount of \$224,831.00.