

**COUNCIL ACTION FORM**

**SUBJECT: 2017/18 WATER SYSTEM IMPROVEMENTS PROGRAM #2 -  
 KELLOGG AVE (24<sup>TH</sup> ST to 28<sup>TH</sup> ST) AND 18<sup>TH</sup> STREET (CLARK AVE  
 to BRUNETT AVE)**

**BACKGROUND:**

The Water System Improvements program provides for replacing water mains in areas that are experiencing rusty water problems. It also provides for installing larger distribution mains in areas that have a high concentration of 4" supply lines, transferring water services from 4" water mains in streets where larger water mains exist, and abandoning 4" 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" supply lines and less than desirable fire-fighting capacity (predominantly 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.

**The locations for this project includes Kellogg Avenue (24<sup>th</sup> Street to 28<sup>th</sup> Street) and 18<sup>th</sup> Street (Clark Avenue to Burnett Avenue).**

Staff has completed plans and specifications for this contract with a total estimated construction cost of \$692,100 for the base bid. Engineering and construction administration costs are estimated at \$103,800, bringing the **total estimated costs for the base bid to \$795,900.**

Improvements under this program are also included for another location (13<sup>th</sup> Street) under separate contract. Overall program funding and expenses are shown below.

		Location	
		17/18 Water System Imp. (Kellogg Ave and 18th Street) Contract #2	17/18 Arterial Street Pavement Improvements (13th St) Contract #1
<b><i>Program Funding Summary</i></b>			
2017/18 Water System Improvements Program			
Water Utility Fund - Total Funding	\$1,300,000		
<b><i>Program Expense Summary</i></b>			
Engineering (estimated)	\$103,800	\$103,800	
Construction (estimated)	\$1,094,600	\$692,100	\$402,500
<b>Totals</b>	<b>\$1,198,400</b>	<b>\$795,900</b>	<b>\$402,500</b>

<b>Projected Remaining Funds</b>
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<b>\$101,600</b>
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The Water System Improvements Program #2, shown in the 2017/18 Capital Improvement Plan with \$1,300,000.00 in Water Utility funding. Staff sent out an informational letter with area property owners, residents and businesses to solicit input on the project timing, staging and design.

**ALTERNATIVES:**

1. Approve the plans and specifications for the 2017/18 Water System Improvements Program #2 project and establish March 21, 2018, as the date of letting and March 27, 2018, as the date for report of bids.
2. Do not approve this project.

**MANAGER'S RECOMMENDED ACTION:**

By improving the water systems in these local neighborhoods, residents will see improved water quality and firefighting capacity. Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, as noted above.