

COUNCIL ACTION FORM

SUBJECT: WATER POLLUTION CONTROL FACILITY EQUALIZATION BASIN AND BIOSOLIDS BASIN REPAIRS

BACKGROUND:

The City's Water Pollution Control (WPC) Facility has three membrane-lined basins. Two are used for flow equalization, and one is used to hold biosolids. All three basins were originally installed when the plant was built in the late 1980s. The basin liners now have areas that have torn and separated around the top perimeter, reducing the usable capacity. In addition, some dirt work needs to be performed where the liner support has been undermined. The damage will be repaired by replacing the support structure and patching damaged areas of the liner.

When this project was presented to Council for approval of plans and specifications, costs were estimated as follows:

Design	\$ 11,000
Inspections	4,000
Construction Estimate	98,636
<u>Contingency, 10%</u>	<u>11,364</u>
Total Estimated Cost	\$125,000

The bid form consisted of a Base Bid to repair the two equalization basins and an Alternate Bid to repair the biosolids basin. The purpose was to allow flexibility to get the most critical portion of the work completed should the sum of the two come in over budget.

Several contractors were sent plans and specifications with six weeks to respond. Despite our best effort to attract bidders, only one bid was received. The bid was from Ames Trenching and Excavating, Inc. and complied with all City of Ames requirements.

After receipt of bids, project costs are now estimated as follows:

Design	\$ 11,034	(actual/final)
Inspections	4,000	(budgeted)
Base Bid	72,600	(Lump Sum)
Alternate Bid	33,300	(Lump Sum)
<u>Contingency, 3.2%</u>	<u>4,066</u>	
Total Estimated Cost	\$125,000	

The FY 2012/13 Capital Improvements Plan includes \$125,000 for this basin liner repair.

ALTERNATIVES:

1. Award the construction contract to Ames Trenching & Excavating, Inc. of Ames, Iowa, including both the Base Bid and Alternate Bid, for a total contract amount of \$105,900.
2. Award the construction contract to Ames Trenching & Excavating, Inc. of Ames, Iowa for the Base Bid only for a total contract amount of \$72,600.
3. Accept report of bids at this time and do not award the construction contract pending further direction to staff from Council.

MANAGER'S RECOMMENDED ACTION:

The Water Pollution Control Facility equalization and biosolids holding basins are in need of repair. It is in the best interest of the City to make the necessary repairs to extend the life and restore the usable volume to the basins.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, thereby approving award of the construction contract to Ames Trenching & Excavating, Inc. of Ames, Iowa, including both the Base Bid and Alternate Bid for a total contract amount of \$105,900.