

COUNCIL ACTION FORM

SUBJECT: 2008-2010 STORM SEWER OUTLET EROSION CONTROL

BACKGROUND:

The City's Public Works Department, in partnership with Iowa State University Landscape Architecture scientists, was awarded a grant from the State's Watershed Improvement Review Board (WIRB) for improvements to College Creek. On January 8, 2008, City Council approved the WIRB grant agreement.

The grant, titled "Establishing and Monitoring Stream Stabilization Practices for Water Quality Enhancement," is in the amount of \$304,335 over a three-year term from FY 2008/09 through 2010/11. **This portion of the project is for stream channel and bank stabilization, as well as riparian enhancement, along College Creek from Thackeray Avenue to South Dakota Avenue.** The water quality enhancement goal of this project is to reduce sediment delivery specifically from unstable stream banks and degrading stream channels on College Creek.

This program also redirected urban storm water runoff into engineered systems, intercepting it from storm drains entering College Creek. The program is built on storm water runoff demonstration projects already funded in the College Creek sub-watershed by EPA Region 7 and the Iowa Department of Natural Resources.

Public outreach has been built into each phase of this program, including holding neighborhood learning circles over the past two years to educate residents and receive feedback to consider in design. More recently, a public meeting was held where staff, the consultant, and specialists from the Iowa Department of Agriculture and Land Stewardship walked the creek corridor with interested residents to identify which trees would be removed and which stabilization measures would be placed adjacent to their respective properties. Follow-up meetings were also held with additional, individual residents within the project corridor. Continuing contact will be made with residents prior to and throughout construction to ensure that their questions are answered.

On Wednesday, June 16, 2010, bids were received as follows:

Engineer's Estimate	\$ 409,800.00
Sunram Construction, Inc.	\$ 317,596.50
Con-Struct, Inc.	\$ 444,444.00

Estimated expenses for all phases of the three-year project are outlined below:

Stream Channel and Bank Stabilization (est.)	\$367,104
Storm Water BMP Installation (e.g. bioretention basins)(est.)	\$ 22,500
Riparian Enhancement (est.)	\$ 29,820
Water Quality Monitoring (in-pipe and in-stream equipment)	\$ 17,107
Water Quality Monitoring (water sample analysis) (est.)	\$ 14,800
Information/Education (est.)	\$ 20,000
Shared Use Path Pavement Improvements (est.)	\$ 47,520
Engineering and Project Administration (est.)	<u>\$150,000</u>
	\$668,851

Funding is included in the amount of \$300,000 from the 2008-2010 Storm Sewer Outlet Erosion Control programs, \$40,000 from the 2007/08 Low Point Drainage program, \$50,000 from 2010/11 Shared Use Path Pavement Improvements, \$20,000 from the Public Works Operations budget, 20,000 of in-kind services from ISU, and \$304,345 from the WIRB grant, bringing total project funding to \$734,345. Remaining funds will be used for contingencies on this project. Staff will also continue to work with area residents to optimize improvements to College Creek through the use of grant funds.

ALTERNATIVES:

- 1a. Accept the report of bids for the 2008-2010 Storm Sewer Outlet Erosion Control.
 - b. Approve the final plans and specifications for the 2008-2010 Storm Sewer Outlet Erosion Control.
 - c. Award the 2008-2010 Storm Sewer Outlet Erosion Control to Sunram Construction, Inc. of Corcoran, Minnesota, in the amount of \$317,596.50.
2. Reject the project.

MANAGER'S RECOMMENDED ACTION:

This project is serving as a useful demonstration of how progressive storm water management techniques can be retrofitted into an existing neighborhood along an urban creek. By awarding the contract, construction of the College Creek improvements can be completed this calendar year, thereby meeting the WIRB grant completion date of December 2010.

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 2008-2010 Storm Sewer Outlet Erosion Control to Sunram Construction, Inc. of Corcoran, Minnesota, in the amount of \$317,596.50.