

COUNCIL ACTION FORM

SUBJECT: 2012/13 FLOOD RESPONSE AND MITIGATION PROJECT (NORTHRIDGE PARKWAY SUBDIVISION) & 2009/10 STORM WATER FACILITY REHABILITATION PROGRAM (MOORE MEMORIAL PARK)

BACKGROUND:

Over the past three years, Public Works staff and Clapsaddle-Garber Associates (CGA) have held numerous neighborhood project meetings, met with the Parks and Recreation Commission twice, and come before the City Council on several occasions to give progress updates on work to address localized flooding in the Northridge Parkway area. At the May 14, 2013 City Council meeting, Council unanimously agreed to move forward with a mitigation project using local funds.

The resulting project includes installing new storm sewer pipes/culvert/intakes, creating a vegetated swale between two electrical sub-stations, grading to create overland flow paths in the backyards of 2406 & 2412 Ridgetop Circle, and modifying the storm sewer in existing Basin 2. Additionally, the Moore Memorial Park Pond will be drained, cleaned of excess silt, reshaped to accommodate additional flood storage, and existing trees within the water line of the pond will be removed. The outlet will be modified to reduce current flows, an inlet forebay will be created, and native landscaping will be planted to improve water quality.

In the event that funding was available, two potential “add alternates” were included in the bid package. The first included material and installation of limestone blocks, limestone slabs, and emergent (aquatic) plants. This alternate would add some additional aesthetic features into the park pond area. The second was for material and installation of a filtration system made of sand and iron filings. This type of water quality improvement has been shown to reduce phosphorus run-off from fertilizers used in the area into bodies of water. Filtration systems such as these have been installed in Minnesota and in Storm Lake, Iowa.

On October 2, 2013, bids were received as follows:

Contractor	Base Bid	Alternate 1 (Optional)	Alternate 2 (Optional)
Engineer’s Estimate	\$510,360	\$9,500	\$3,000
Con-Struct, Inc.	\$606,665	\$91,000	No Bid
J&K Contracting LLC	\$664,133	\$41,300	\$15,200
Keller Excavating , Inc.	\$700,690	\$7,200	\$100,000

Engineering and administration costs are estimated to be \$75,000, which brings total estimated costs with the base bid to \$681,665. In discussions with Parks and Recreation leadership, it was determined that the cost of the Alternate 1 and 2 bids were too high and should not be awarded.

A summary of the projected expenditures and revenues for the overall Flood Response and Mitigation Program is provided in the following table.

	Utah Drive Landslide (awarded)	Trailridge Landslide (estimated)	Stuart Smith Park Bank Stabilization (estimated)	North Riverside Water Main (actual cost)	Northridge /Moore Park (this project)	Total
<i>Project Cost</i>	\$175,000	\$340,00	\$695,000	\$66,882	\$681,665	1,958,547
2009/10 Storm Water Facility Rehab					\$98,998	\$98,998
2011/12 Storm Sewer Improvements					\$70,000	\$70,000
2011/12 Low Point Drainage					\$70,000	\$70,000
2012/13 Flood Response & Mitigation (G.O. Bonds)	\$175,000	\$340,000	\$120,000	\$66,882	\$118,118	\$820,000
2012/13 Flood Response & Mitigation (Storm Sewer Utility)					\$325,000	\$325,000
FEMA			\$575,000			\$575,000
Total Funding	\$175,000	\$340,000	\$695,000	\$66,882	\$682,116	\$1,958,998

Funding Source

ALTERNATIVES:

- 1a. Accept the report of bids for the 2012/13 Flood Response and Mitigation (Northridge Parkway Subdivision) & 2009/10 Storm Water Facility Rehabilitation Program (Moore Memorial Park).
- b. Approve the final plans and specifications for the 2012/13 Flood Response and Mitigation (Northridge Parkway Subdivision) & 2009/10 Storm Water Facility Rehabilitation Program (Moore Memorial Park).
- c. Award the 2012/13 Flood Response and Mitigation (Northridge Parkway Subdivision) & 2009/10 Storm Water Facility Rehabilitation Program (Moore Memorial Park) base bid excluding the bid alternates, to Con-Struct, Inc., of Ames, Iowa, in the amount of \$606,665.

2. Award the base bid for the Northridge Parkway Subdivision project to either J&K Contracting LLC or Keller Excavating , Inc.
3. Reject the bids and do not proceed with the Northridge Parkway Subdivision project at this time.

MANAGER'S RECOMMENDED ACTION:

Public Works staff and CGA have put forth great effort to work with Northridge Parkway residents, Arbor on the Green residents, the Parks and Recreation Commission, other City departments, private utility companies, and DNR staff on this project. The project will be effective in mitigating neighborhood flooding, will improve water quality from the storm water runoff, and is acceptable to area residents. It is important to the residents to move forward with the project so the improvements are in place for potential summer rain events. Construction is anticipated during winter/spring with a May 31, 2014 completion date.

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 2012/13 Flood Response and Mitigation (Northridge Parkway Subdivision) & 2009/10 Storm Water Facility Rehabilitation Program (Moore Memorial Park) base bid excluding bid alternates to Con-Struct, Inc., of Ames, Iowa, in the amount of \$\$606,665.