

**TO:** Michael C. Van Milligen, City Manager  
**FROM:** Gus Psihoyos, City Engineer *GP/KB*  
**DATE:** February 19, 2015  
**SUBJECT:** SRF Green Alley Bid Set 3 – Year 2  
(CIP 7102450)

### INTRODUCTION

The enclosed resolution authorizes the award of the construction contract for the SRF Green Alley Bid Set 3 – Year 2 Project.

### DISCUSSION

Bid Set 3 – Year 2 will involve the reconstruction of seven alleys in the Bee Branch Watershed. The alley locations are as follows:

- Alley between Ventura Dr. and Broadway St. from Pleasant View Dr. to Putnam St.
- Alley between Fulton St. and Kane St. from King St. to Monroe St.
- Alley between Jackson St. and Washington St. from 25th St. to 26th St.
- Alley between Washington St. and Elm St. from 25th St. to 26th St.
- Alley between Francis St. and Valeria St. from Kaufmann Ave. to W. 23rd St.
- Alley between Kaufmann Ave. and W. 23rd St. from Valeria St. to Francis St.
- Alley between Ashton Pl. and Avoca St. from Decorah St. to Delaware St.

This project will reconstruct the third bid set of green alleys slated for year 2 in the Bee Branch Watershed. This bid set was developed by WHKS Engineers, Planners and Surveyors. The Engineering Department retained three private consulting firms to work on the design and construction documents for the year 2 alleys.

The reconstruction of the alleys will include:

- Removal of the existing alley pavement
- Excavation of the subgrade to allow the placement of clean washed stone for a storage medium
- Installation of a concrete border for the brick pavers

- Installation of concrete headers at the alley intersection with the intersecting streets.
- Reconstruction of the pavement surface with interlocking concrete pavers
- Reconstruction of the sanitary sewer main in two alleys
- Replacement of water main valves and hydrants
- Replacement of lead water services with copper water services in two alleys
- Replacement of sanitary sewer laterals in two alleys

This project will reconstruct the alleys into green alleys. These alleys allow rainwater to infiltrate into the pavement rather than runoff into the storm sewers. This infiltration allows for filtering of the water and recharge back into the aquifer. Monitoring wells are also planned to be installed so that water quality improvements can be documented.

The project construction documents will follow the Statewide Urban Design and Specifications (SUDAS) in the development of the construction documents.

The Iowa Department of Natural Resources (IDNR) have reviewed and approved the plans so that the City cost can be covered with SRF funds.

This project will have special assessments.

**BID RESULTS**

The City of Dubuque received the following bids for the SRF Green Alley Project - Bid Set 3 - Year 2, on February 19, 2015:

<b><u>Contractor</u></b>	<b><u>Bid Results</u></b>
Portzen Construction	\$ 1,475,768.50
Tschiggfrie Excavating	\$ 1,477,896.01

Portzen Construction of Dubuque, Iowa, submitted the low bid in the amount of \$1,475,768.50. This amount is 4.43% over the estimate of probable cost. The additional bid price is primarily due to the higher than anticipated sanitary sewer costs. This higher cost is due to the confined space for working and the depth of sewer. As a result, special assessments for residents will be held at the preliminary assessment average of \$1,252.55 for the public improvements assessment, including engineering and contingency.

**RECOMMENDATION**

I recommend that the contract for the for the SRF Green Alley Bid Set 3 – Year 2 Project be awarded to Portzen Construction of Dubuque, Iowa in the amount of \$1,475,768.50 which is 4.43% over the engineer’s estimate of probable cost.

**BUDGET IMPACT**

The summary of cost for the SRF Green Alley Bid Set 3 – Year 2 Project is as follows:

	<u>Estimate</u>	<u>Award</u>
Construction Contract	\$1,413,229.00	\$1,475,768.50
Contingency	136,263.25	136,263.25
Construction Engineering & Inspection	<u>224,834.36</u>	<u>224,834.36</u>
<b>Total Project Cost</b>	<b><u>\$1,774,326.61</u></b>	<b><u>\$1,836,866.11</u></b>

The project funding summary is as follows:

<u>CIP No.</u>	<u>Fund Description</u>	<u>Fund Amount</u>
7102450	SRF Green Alley Project	\$ 1,347,047.63
7402526	SRF Green Alley - Water	63,500.47
7101638	Street Program Related Sanitary Sewer	227,629.00
	Special Assessment – Alley Improvement, Residential	145,306.01
	Special Assessment – Alley Improvement, Commercial	0.00
	Special Assessment – Residential Deficiency	0.00
	Private Lead Water Service Replacement	16,445.00
	Private Sewer Lateral Replacement	<u>36,938.00</u>
	<b>Total Project Funding</b>	<b><u>\$1,836,866.11</u></b>

**ACTION TO BE TAKEN**

I recommend that the City Council adopt the attached resolution awarding for the SRF Green Alley Project Bid Set 3 – Year 2 to Portzen Construction in the amount of \$1,475,768.50.

Prepared by Jon Dienst, PE

- cc: Jenny Larson, Budget Director
- Don Vogt, Public Works Director
- John Klostermann, Street & Sewer Maintenance Supervisor
- Deron Muehring, Civil Engineer II
- Denise Ihrig, Environmental Engineer
- Bob Green, Water Department Manager
- Brant Schueller, Water Distribution
- Ken TeKippe, Finance Director