

TO: Michael C. Van Milligen, City Manager

FROM: Gus Psihoyos, City Engineer 

DATE: August 5, 2015

SUBJECT: SRF Green Alley Bid Set 3 – Year 3
(CIP 7102450)

INTRODUCTION

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

DISCUSSION

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

- Alley between White Street and Jackson St. from 13th St. to 15th St. (2 alleys)
- Alley between Jackson St. and Washington St. from 12th St. to 16th St. (4 alleys)

This project will reconstruct the third bid set of green alleys slated for year 3 in the Bee Branch Watershed. This bid set was developed by City of Dubuque Engineering staff.

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
- Lining of the sanitary sewer main in six alleys
- Inspection of sanitary sewer laterals in six alleys
- Replacement of water main valves and hydrants
- Replacement of lead water services with copper water services in six 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 other than utilities can be covered with SRF funds.

With this bid set award, 71 alleys will have been placed under contract. To date, 38 alleys are completed. It is anticipated that 56 of the 71 alleys will have been completed by the end of this construction season.

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 3, on August 6, 2015:

<u>Contractor</u>	<u>Bid Results</u>
Portzen Construction, Inc.	\$ 1,139,598.75
Eastern Iowa Excavating & Concrete, LLC	\$ 1,197,641.55

Portzen Construction, Inc. of Dubuque, Iowa, submitted the low bid in the amount of \$1,139,598.75. This amount is 7.39% over the estimate of probable cost. The extra costs are primarily in the Remove Manhole item due to the constrained area that the contractor has to work in.

Even though the bids are slightly higher than expected, special assessments for residents are expected to be reduced from \$1,323.81 to \$1,178.19 for the public improvement assessment, including engineering and contingency. The cost for the assessment is lower because the overages for the project were in the City portion of the project. The additional cost for each homeowner with a lead water service is expected to remain at \$907.50.

RECOMMENDATION

I recommend that the contract for the for the SRF Green Alley Bid Set 3 – Year 3 Project be awarded to Portzen Construction, Inc. of Dubuque, Iowa in the amount of \$1,139,598.75.

BUDGET IMPACT

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

	<u>Estimate</u>	<u>Award</u>
Construction Contract	\$1,069,628.50	\$ 1,139,598.75
Contingency	106,962.85	113,959.88
Construction Engineering & Inspection	<u>117,659.14</u>	<u>125,355.86</u>
Total Project Cost	<u>\$1,294,250.49</u>	<u>\$1,378,914.49</u>

The project funding summary is as follows:

<u>CIP No.</u>	<u>Fund Description</u>	<u>Fund Amount</u>
7102450	SRF Green Alley Project	\$ 780,011.56
3401654	Bee Branch Creek	495,843.00
	Special Assessment – Alley Improvement, Residential	62,909.05
	Special Assessment – Alley Improvement, Commercial	30,168.38
	Special Assessment – Residential Deficiency	0.00
	Private Lead Water Service Replacement	9,982.50
	Total Project Funding	<u>\$1,378,914.49</u>

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 3 to Portzen Construction, Inc. in the amount of \$1,139,598.75.

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

