

TO: Michael C. Van Milligen, City Manager

FROM: Gus Psihoyos, City Engineer 

DATE: May 22, 2015

SUBJECT: SRF Green Alley Bid Set 1 – Year 3
(CIP 7102450)

INTRODUCTION

The enclosed resolution authorizes the award of the construction contract for the SRF Green Alley Bid Set 1 – Year 3 Project.

DISCUSSION

Bid Set 1 – Year 3 will involve the reconstruction of six alleys in the Bee Branch Watershed. The alley locations are as follows:

- Alley between White St. and Jackson St. from 16th St. to 17th St.
- Alley between White St. and Jackson St. from 18th St. to 19th St.
- Alley between White St. and Jackson St. from 19th St. to 20th St.
- Alley between White St. and Jackson St. from 20th St. to 21st St.
- Alley between White St. and Jackson St. from 21st St. to 22nd St.
- Alley between Jackson St. and Washington St. from 18th St. to 19th St.

This project will reconstruct the first 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 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 1 - Year 3, on May 21, 2015:

<u>Contractor</u>	<u>Bid Results</u>
Portzen Construction	\$ 1,241,829.00
Drew Cook and Sons Excavating	\$ 1,243,107.10

Portzen Construction of Dubuque, Iowa, submitted the low bid in the amount of \$1,241,829.00. This amount is 11.63% over the estimate of probable cost. The additional bid price is primarily due to generally higher than anticipated bid prices for many items. The construction schedule and an abundance of other local work has restricted the bidder pool. Additionally, city staff have had conversations with the Iowa Finance Authority (IFA). IFA has seen prices elevated all over the state of Iowa. IFA has told their clients to expect prices to be 20% higher than expected. Even though the bids are higher than expected, special assessments for residents will be held at the preliminary assessment average of \$859.84 for the public improvements assessment, including engineering and contingency.

RECOMMENDATION

I recommend that the contract for the for the SRF Green Alley Bid Set 1 – Year 3 Project be awarded to Portzen Construction of Dubuque, Iowa in the amount of \$1,241,829.00 which is 11.63% over the engineer’s estimate of probable cost.

BUDGET IMPACT

The summary of cost for the SRF Green Alley Bid Set 1 – Year 3 Project is as follows:

	<u>Estimate</u>	<u>Award</u>
Construction Contract	\$1,112,440.00	\$1,241,829.00
Contingency	111,244.00	111,244.00
Construction Engineering & Inspection	<u>183,552.60</u>	<u>183,552.60</u>
Total Project Cost	<u>\$1,407,236.60</u>	<u>\$1,536,625.60</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	\$ 889,193.48
7402526	SRF Green Alley - Water	261,331.77
7102450	Street Program Related Sanitary Sewer (FY 16)	290,248.16
	Special Assessment – Alley Improvement, Residential	59,210.35
	Special Assessment – Alley Improvement, Commercial	25,053.84
	Special Assessment – Residential Deficiency	0.00
	Private Lead Water Service Replacement	11,588.00
	Total Project Funding	<u>\$1,536,625.60</u>

ACTION TO BE TAKEN

I recommend that the City Council adopt the attached resolution awarding for the SRF Green Alley Project Bid Set 1 – Year 3 to Portzen Construction in the amount of \$1,241,829.00.

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