

TO: Michael C. Van Milligen, City Manager

FROM: Gus Psihoyos, City Engineer

DATE: July 10, 2015

SUBJECT: SRF Green Alley Bid Set 2 – Year 3
(CIP 7102450)

INTRODUCTION

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

DISCUSSION

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

- Alley between Ellis St. and Madison St. from Ellis St. to W. 17th St.
- Alley between Rosedale Ave. and Green St. from Asbury Rd. to Avoca St.
- Alley between Asbury Road and Avoca St. from Rosedale Ave. to Alley
- Alley between Iowa St. and Central Ave. from 10th St. to 11th St.
- Alley between Iowa St. and Central Ave. from 11th St. to 12th St.
- Alley between Central Ave. and White St. from 9th St. to 10th St.
- Alley between Central Ave. and White St. from 10th St. to 11th St.
- Alley between White St. and Jackson St. from 10th St. to 11th St.
- Alley between Washington St. and Elm St. from 11th St. to 12th St.

This project will reconstruct the second bid set of green alleys slated for year 3 in the Bee Branch Watershed. This bid set was developed by MSA Professional Services.

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 seven alleys
- Inspection of sanitary sewer laterals in seven alleys
- Replacement of water main valves and hydrants
- Replacement of lead water services with copper water services 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.

To date 34 alleys have been completed. An additional 3 alleys are under construction. There are 19 alleys under contract but not started yet. This brings the total number alleys to date either completed, under construction or under contract but not started to 56 alleys. This project will add 9 more alleys, bringing the total to 65 alleys. Another bid set being developed by the Engineering Department will add 6 more alleys bringing the total to 71 alleys. Engineering plans to design and bid an additional 4 alleys as a bid set later this fall.

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 2 - Year 3, on July 9, 2015:

<u>Contractor</u>	<u>Bid Results</u>
Drew Cook and Sons Excavating	\$ 1,599,875.00
Eastern Iowa Excavating	\$ 1,689,798.45
Portzen Construction	\$ 1,722,833.95

Drew Cook and Sons Excavating of Dubuque, Iowa, submitted the low bid in the amount of \$1,599,875.00. This amount is 3.04% under the revised estimate of probable cost. The estimate of probable cost was revised during bidding due to some additional water main items required in the project. Special assessments for residents are expected to be lower than originally estimated and will average \$816.85 for the public improvements assessment, including engineering and contingency.

RECOMMENDATION

I recommend that the contract for the for the SRF Green Alley Bid Set 2 – Year 3 Project be awarded to Drew Cook and Sons Excavating of Dubuque, Iowa in the amount of \$1,599,875.00 which is 3.04% under the engineer’s estimate of probable cost.

BUDGET IMPACT

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

	<u>Estimate</u>	<u>Award</u>
Construction Contract	\$1,650,000.00	\$1,599,875.00
Contingency	153,000.00	153,000.00
Construction Engineering & Inspection	<u>168,300.00</u>	<u>168,300.00</u>
Total Project Cost	<u>\$1,971,300.00</u>	<u>\$1,921,175.00</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	\$ 1,463,222.83
3401654	Bee Branch Creek Restoration	366,313.20
	Special Assessment – Alley Improvement, Residential	56,249.83
	Special Assessment – Alley Improvement, Commercial	23,801.14
	Special Assessment – Residential Deficiency	0.00
	Private Lead Water Service Replacement	11,588.00
	Total Project Funding	<u>\$1,921,175.00</u>

ACTION TO BE TAKEN

I recommend that the City Council adopt the attached resolution awarding for the SRF Green Alley Project Bid Set 2 – Year 3 to Drew Cook and Sons Excavating in the amount of \$1,599,875.00.

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