



**TO:** Michael C. Van Milligen, City Manager

**FROM:** Gus Psihoyos, City Engineer

**DATE:** August 8, 2014

**SUBJECT:** SRF Green Alley Bid Set 5 – Year 1  
(CIP 7102450)

## INTRODUCTION

The enclosed resolution authorizes the award of the construction contract for the SRF Green Alley Bid Set 5 – Year 1 Project.

## DISCUSSION

Bid Set 5 – Year 1 will involve the reconstruction of two alleys in the Bee Branch Watershed. The alley locations are as follows:

- Alley from 24<sup>th</sup> Street to 25th Street (Between Central Avenue and White Street)
- Alley from 24<sup>th</sup> Street to 25<sup>th</sup> Street (Between White Street and Jackson Street)

This project will reconstruct the fifth set of alleys in year 1 for the SRF Green Alleys in the Bee Branch Watershed. Currently, there are 18 alleys under contract. Of these 18 alleys, 7 alleys are complete and being used by the abutting property owners. The other 11 alleys are in the process of construction.

Additionally, 10 additional alleys were bid on August 7th. The Engineering Department and three private consulting firms are working on the design and construction documents for the remainder of the alleys. Additional construction bid sets will be developed in 2 to 10 alley groupings. This year's alley reconstructions include no utility construction unless the project affects them.

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

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 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 5, on August 7, 2014:

<b><u>Contractor</u></b>	<b><u>Bid Results</u></b>
Drew Cook and Sons Excavating	\$ 139,474.50
Tschiggfrie Excavating, Inc.	\$ 142,846.98

Drew Cook and Sons Excavating of Dubuque, Iowa, submitted the low bid in the amount of \$139,474.50. This amount is 24.4% over the estimate of probable cost. The price for concrete pavement is significantly higher for this project compared to the previous green alley projects. The general contractors informed engineering that costs are higher due to the lack of availability of concrete sub-contractors and the need to account for cold weather protection later in the season. As a result, special assessments for residents will be held at the preliminary assessment average of \$790.46, including engineering and contingency.

## **RECOMMENDATION**

I recommend that the contract for the for the SRF Green Alley Bid Set 5 – Year 1 Project be awarded to Drew Cook and Sons Excavating, Inc. of Dubuque, Iowa in the amount of \$139,474.50 which is 24.4% over the engineer's estimate of probable cost.

The IDNR have reviewed the bid tab and concur with the award of the contract.

## **BUDGET IMPACT**

The summary of cost for the SRF Green Alley Bid Set 5 – Year 1 Project is as follows:

	<u>Estimate</u>	<u>Award</u>
Construction Contract	\$111,104.50	\$139,474.50
Contingency	11,110.45	13,947.45
Construction Engineering & Inspection	<u>16,665.68</u>	<u>16,665.68</u>
<b>Total Project Cost</b>	<b><u>\$138,880.63</u></b>	<b><u>\$170,087.63</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	\$152,697.57
	Special Assessment – Alley Improvement, Residential	16,859.26
	Special Assessment – Alley Improvement, Commercial	530.80
	<b>Total Project Funding</b>	<b><u>\$170,087.63</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 5 – Year 1 to Drew Cook and Sons Excavating, Inc. in the amount of \$139,474.50.

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

