



TO: Michael C. Van Milligen, City Manager

FROM: Gus Psihoyos, City Engineer *AS*

DATE: March 24, 2014

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

INTRODUCTION

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

DISCUSSION

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

- Alleys between Prince & Queen Streets from 22nd Street to 24th Street (2 alleys)
- Alley between Queen Street and Windsor Avenue from Regent Street to 24th Street
- Alley between Regent Street and 22nd Street from Prince to Queen Street

This project will reconstruct the second set of alleys for the SRF Green Alleys in the Bee Branch Watershed. 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. The first year of alley reconstructions include no utilities, except sewer manhole repairs where 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 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 on March 20, 2014:

<u>Contractor</u>	<u>Bid Results</u>
Drew Cook and Sons Excavating	\$ 189,683.00
McDermott Excavating, Inc.	\$ 194,654.96
East Iowa Construction	\$ 222,395.45
Eastern Iowa Construction	\$ 228,473.60
Portzen Construction, Inc.	\$ 229,102.90
Horsfield Construction, Inc.	\$ 232,587.50
Tschiggfrie Excavating, inc.	\$ 237,855.94
Connelly Construction	\$ 244,805.24

Based on the bid results it is hoped that the final assessments levied to property owners will be reduced from the original estimates due to the favorable bids received. The average assessment based on the engineers estimate, including contingency and engineering was \$1,057. If final costs hold with the bid results, the estimated average assessment will reduce to \$883.00.

RECOMMENDATION

I recommend that the contract for the for the SRF Green Alley Bid Set 2 Project be awarded to Drew Cook and Sons Excavating of Dubuque, Iowa in the amount of \$189,683.00 which is 22.27% under the engineer's estimate of probable cost. The majority of the cost savings was in the bid price of the concrete pavement, stone and brick pavers. 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 2 Project is as follows:

	<u>Estimate</u>	<u>Award</u>
Construction Contract	\$232,415.50	\$189,683.00
Contingency	23,241.55	23,241.55
Construction Engineering & Inspection	<u>38,348.56</u>	<u>38,348.56</u>
Total Project Cost	<u>\$294,005.61</u>	<u>\$251,273.11</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	\$ 210,056.11
	Special Assessment – Alley Improvement, Residential	31,346.82
	Special Assessment – Alley Improvement, Commercial	9,870.18
	Total Project Funding	<u>\$251,273.11</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 to Drew Cook and Sons Excavating in the amount of \$189,683.00.

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