



AGENDA ITEM EXECUTIVE SUMMARY

Agenda Item number: 5.b

Title:

Recommendation to Award the Bid for the 2017 Concrete Survey and Cutting Program

Presenter:

AJ Reineking

Meeting: Government Services Committee

Date: June 26, 2017

Proposed Cost: \$45,000.00

Budgeted Amount: \$45,000.00

Not Budgeted:

Executive Summary (if not budgeted please explain):

As noted last month, the City's sidewalk maintenance program consists of a three-pronged approach.

1. Raised sidewalks, which are most prevalent due to tree root issues, are ground to return the sidewalk to a level surface. This work is generally performed within established zones each year, as well as on an as-needed basis as conditions warrant.
2. Sunken sidewalks are lifted to meet the continuous grade.
3. Sidewalks that are significantly cracked or irreparably raised or sunken are removed and replaced.

Sidewalk grinding is a specialty field. The scope of this work includes the physical cutting or grinding of sidewalk as well as an inspection of all other sidewalks in the area to determine if either of the other remedies (concrete lifting or removal & replacement) would be required.

On April 10, 2017 the City publicly opened bids for these services.

Over the past seven years, the City has utilized Safe Step to assist in the maintenance of City sidewalks. Safe Step utilizes a dry grind and vacuum system to complete their cutting. This is a compact machine that is designed for use in residential areas. In addition, Safe Step's mapping and reporting has been very valuable to the success of the City's overall sidewalk maintenance program.

This year, the City also received a bid from Hard Rock Concrete Cutters. Hard Rock's method of cutting did not meet the specifications laid out in the invitation to bid document. They utilize a wet saw practice, which creates a concrete slurry that must be thoroughly washed from the work surface and adjacent landscape to not be noticeable. In addition, their equipment is rigged to a large tractor which has a wheelbase wider than most standard residential sidewalks. This is a cause for concern for adjacent landscaped areas and private sprinkler systems. While there may be certain areas of the community where this method would be appropriate, staff does not feel that this is the best application for the 2017 program.

Attachments (please list):

Bid Tabulation * Bid Specifications * Safe Step Bid Sheet

Recommendation/Suggested Action (briefly explain):

Recommendation to award the bid for the 2017 Concrete Survey & Cutting Program to Safe Step in the amount of \$27.00 per inch-foot cut, not to exceed the budgeted amount of \$45,000.00.

2017 Concrete Survey and Cutting Bid
Bid Tabulation

	Unit Price (per inch-foot)	Anticipated Quantity	Extended Total*
Safe Step, LLC Hortonville, WI	\$ 27.00	2,000	\$ 54,000.00
Hard Rock Concrete Cutters** Wheeling, IL	\$ 25.50	2,000	\$ 51,000.00

*\$45,000 budgeted

**Methods and processes do not meet specifications

INVITATION TO BID

2017 CONCRETE SURVEY & CUTTING PROGRAM

Description/Scope of Work:

This work consists of the inspection of City sidewalks and concrete cutting. Based on the criteria established by the City, the contractor shall visually inspect, pre-identify, and measure and record sidewalk trip hazards suitable for saw cut repairs throughout the project area. The contractor shall identify and record sections of sidewalk that meet City criteria for slab removal and replacement, and slabs meeting City criteria for slab-jacking throughout the project area. After the inspection is complete, the contractor shall grind any deviations noted to achieve a contiguous level surface between sidewalk slabs.

Survey Specifications:

Before any cutting work shall take place, Contractor shall survey identified Zone that work shall take place in and identify all vertical trip hazards in the project area that have slab displacements greater than 0.5" that would be candidates for cutting. Note any slab with a displacement of greater than 1.5" and provide a report of such locations to the City for alternative remedy (remove and replace or lifting).

After the survey is complete, but no later than one week before cutting work shall commence:

- Provide a report to the City which identifies a list of all displacements categorized by City Zone, street name, size of displacements, and an estimated cost of repair. The report shall also provide the square footage of slab panels impacted by the saw cutting repairs.
- Provide a report which identifies all slabs with displacement in excess of 1.5". Note these locations for the City to consider for removal and replacement and provide a report with address locations, GPS coordinates, and sq. ft. of slab replacement for each location.
- Provide a report which identifies all slabs that meet City criteria for slab jacking and provide a report with address locations, GPS coordinates, and number of slabs to be slab-jacked at each identified location.

Concrete Cutting Specifications:

After the survey, once approval is given by the City, Contractor shall cut the sidewalk deviation to achieve a level surface. All equipment used in the process of cutting the sidewalk must fit on the sidewalk and not overhang the sidewalk which may adversely affect landscaped areas. Any sod or landscaped areas that are inadvertently impacted by cutting operation must be restored to their pre-work state within 36 hours after disturbance.

Limitations of Operations

1. Grinding of sidewalks to remove vertical separations shall not be allowed.
2. No storing of equipment or materials on the sidewalk or private property shall be allowed without prior approval of the City
3. All sidewalk saw cuts started in residential areas shall be completed by the end of the same work day in which they started. Sidewalk saw cutting through driveways of adjoining business properties shall be completed within two (2) hours.
4. The City may direct saw cuts at locations other than construction joints. Saw cuts directed by the City will be paid for at the contract unit price bid.

5. Saw cutting shall be done by a means that will eliminate any dust. Any debris from sawing shall be removed from the sidewalks and/or pavement to reduce possible tracking.
6. At no time shall the contractor cause excessive dust – in the sole opinion of the City – to be airborne. Any dust created by the cutting process must be damped with water or immediately consumed by a vacuum system. If dust is remediated with water, any and all debris or slurry created as a result of the process must be cleaned the same day. Slurry must be immediately contained and will not be permitted to stand on the sidewalk or run into the parkway or residential property.

Saw cutting of Sidewalks, Driveways, and Curbs – Description

1. The contractor shall take precautions during saw cutting operations to not disfigure, scar, impair or damage any surrounding surfaces including, but not limited to, sidewalk, driveway, roadway, steps, walls, railings, light poles, turf, or any public or private installations such as trees, irrigation, sprinkler heads, electric fences, etc.
2. All potential trip hazards marked for saw cutting must be removed in accordance with the American with Disabilities Act (ADA) requirements with the resulting finish being ADA compliant. Each offset must be tapered at 1:12 slope and must have smooth uniform appearance and texture.
3. The finished surface shall have a coefficient of friction of at least 0.6.
4. The finished result of each cut shall be taken to a zero point of differential settlement along the entire length of the cut and to both edges of the sidewalk to eliminate the potential for trip hazards the full width of the sidewalk.
5. Existing concrete, asphalt mixes, or other types of material used to shim raised sidewalks shall be removed from adjacent sidewalk stones prior to saw cutting sidewalks.

After completion of saw cut repairs, the contractor shall submit a listing of all saw cut repairs made in the project area. A physical address of adjacent property and a GPS coordinates are to be provided for each location with the dimensions of the slabs impacted by the saw cut repair.

Method of Measurement:

Saw cutting of sidewalk will be measured for payment in inch-feet of sidewalk cut. The cost of cleaning sidewalk shall be included in the price bid for saw cutting. The quantity of sidewalk cut will be determined by multiplying the average sidewalk vertical separation height by the length of saw cut along the joint on each verticle separation in inch-feet. The Contractor is required to record and submit, with each invoice, the exact dimensions of each verticle separation removed per location. Depth shall be measured to the nearest 1/8 inch.

Basis of Payment:

This work shall be paid for at the contract unit price per inch-foot for saw cutting sidewalk. Price shall be payment in full for all labor, equipment, tools, materials, mobilizations, survey, generation of lists for mitigated and non-mitigated vertical separations, and all other costs associated with such work as specified herein. The City anticipates approximately 2,000 in-ft to be included in this contract. This is in no way a guaranteed minimum or maximum quantity. Actual quantities will be based on field conditions identified in the survey.

Location and Duration of Work

Work for this contract shall take place within the corporate limits of the City of St. Charles. Specifically, the City anticipates work to be completed in the maintenance Zones 7 and 9 established by the Public Works Department.

Zone 7	
Northern Border	Johnor Ave & Stonehenge Rd
Eastern Border	Persimmon Dr. & Hunt Club Drive
Southern Border	Main Street/IL Route 64
Western Border	Fox River

Zone 9	
Northern Border	Royal Fox Drive
Eastern Border	City Limits: Royal Fox Drive & King James Ave & Smith Rd
Southern Border	Main Street/IL Route 64
Western Border	Dunham Rd.

Work will begin at a time mutually agreed upon by the City and the Contractor. Once the contractor receives approval to begin work, work shall be continuous until the list is complete. Any costs incurred for mobilization are considered incidental to this contract.

This contract may be terminated at any time for any reason by the City. Work will generally cease when all identified locations for survey and concrete cutting have been addressed by the contractor, or when the City's allocated funds have been expended.

Hours of Work:

All work shall take place Monday through Friday between the hours of 7:00 AM and 5:00 PM. Work beyond those hours or on Saturdays must be approved by the City. No work shall take place on Sundays.

Term of Contract:

Prices shall remain fixed for a period of one-year, beginning May 1, 2017 and concluding April 30, 2018.

Qualifications of Contractors:

In addition to the requirements set forth in this document above, any bidder submitting a bid on this project must demonstrate competence, reliability, and be actively engaged in this specific type of work. The contractor must demonstrate competence prior to or along with submitting a bid by including a history and references, listing completion dates, and submitting bonding information for prior projects, and/or performing an on-site demonstration of their capacity to perform the work as required. The City reserves the right to disqualify a bid and/or contractor if they are deemed not to be competent or reliable. The City also reserves the right to select the bid deemed to be most advantageous to the City.

Compliance with Laws:

The successful bidder must comply with all applicable laws, including without limitation the Illinois Human Rights Act, the Public Works Employment Discrimination Act, and the Illinois Prevailing Wage Act. Contractor's certified payroll is required to be submitted with all pay requests/invoices. No invoices will be paid without this documentation.

Questions may be submitted to Tony Bellafiore, Public Works Division Manager no later than Wednesday, April 5, 2017 at tbellafiore@stcharlesil.gov.

City of St. Charles
2017 Concrete Survey & Cutting Program

Bids will be accepted until 2:30 PM on Monday, April 10, 2017.

Company: _____

Company Address: _____

Contact: _____ Contact Phone Number: _____

Contact Email: _____

Signature of Authorized Agent: _____

BID

Item	Anticipated Quantity	Unit Bid Price
Survey & Saw Cutting Sidewalk	2,000 in.-ft	\$ /inch-foot

List any and all deviations from minimum specifications:

I certify that I am acting as an agent for the firm designated below and that the firm will sell to the City of St. Charles the product(s) described herein for the amount specified above. Further, I certify that all exceptions or deviations from the attached detailed specifications are clearly stated in writing and the price quoted shall include all terms specified unless otherwise noted.

 Signature of Authorized Representative

PLEASE TYPE OR NEATLY PRINT THE FOLLOWING INFORMATION

 Name of Authorized Representative Title

 Company Name

 Street Address

 City State Zip Code

 (Area Code) Phone Number

**City of St. Charles
2017 Concrete Survey & Cutting Program**

Bids will be accepted until 2:30 PM on Monday, April 10, 2017.

Company: SAFE STEP LLC
 Company Address: 130 INDUSTRIAL PARK AVE. HORTONVILLE, WI 54944
 Contact: Robert Straus Contact Phone Number: 920.540.7414
 Contact Email: Rob@Nottrippin.com
 Signature of Authorized Agent: 

MAILING ADDRESS:
 PO Box 411
 Hortonville, WI
 54944

BID

Item	Anticipated Quantity	Unit Bid Price
Survey & Saw Cutting Sidewalk	2,000 in.-ft	\$ <u>27⁰⁰</u> /inch-foot

List any and all deviations from minimum specifications:

I certify that I am acting as an agent for the firm designated below and that the firm will sell to the City of St. Charles the product(s) described herein for the amount specified above. Further, I certify that all exceptions or deviations from the attached detailed specifications are clearly stated in writing and the price quoted shall include all terms specified unless otherwise noted.

 Signature of Authorized Representative

PLEASE TYPE OR NEATLY PRINT THE FOLLOWING INFORMATION

Name of Authorized Representative Christopher R. Ott Title owner/member
 Company Name SAFE STEP LLC
 Street Address 130 INDUSTRIAL PARK AVE.
 City Hortonville State WI Zip Code 54944
 (Area Code) Phone Number 920.202.0954 / 920.540.7414