

**COUNCIL ACTION FORM**

**SUBJECT: 2015/16 ARTERIAL STREET PAVEMENT IMPROVEMENTS – 13<sup>TH</sup> STREET (ISU/COA JURISDICTION LIMIT WEST OF CRESCENT STREET TO UNION PACIFIC RAILROAD TRACKS)**

**BACKGROUND:**

This annual program utilizes current repair and reconstruction techniques to improve arterial streets with asphalt or concrete. These pavement improvements are needed to restore structural integrity, serviceability, and rideability. Targeted streets are reaching a point of accelerated deterioration. By improving these streets prior to excessive problems, the service life will be extended. **The location for 2015/16 is 13<sup>th</sup> Street from the Iowa State University (ISU) / City of Ames jurisdiction limit line (west of Crescent Street) to the Union Pacific Railroad tracks.**

This contract involves the design of the project which includes, at least, two public informational meetings, the actual design of pavement improvements, drainage analysis, and evaluation of the existing sanitary and storm sewer pipe structure. Services will include a base topographic survey, evaluation of construction technique, area drainage analysis, preparation of plans and specifications, notification and coordination with right-of-way users, and attendance at a pre-construction meeting. Also included will be plan development and all required submittals to meet Iowa Department of Transportation letting requirements, with an anticipated February 2016 letting for construction during 2016.

Proposals for this work were received from eight engineering firms and were evaluated according to the following criteria: Project Understanding, Responsiveness, Project Approach, Design Team Experience, Key Personnel, Proposed Project Design and Letting Schedule, Ability to Perform Work, References and Estimated Contract Cost. Listed below is the ranking information based on this evaluation:

Firm	Qualifications Based Score	Qualifications Based Rank	Fee	Final Rank
Shive-Hattery, Inc.	83	<b>1</b>	\$83,500	<b>1</b>
WHKS & Co.	79	<b>2</b>	\$93,710	<b>2</b>
Clappsaddle-Garber Associates, Inc.	77	<b>3</b>	\$101,700	<b>5</b>
Stanley Consultants, Inc. **	76	<b>4</b>	\$53,920	<b>3</b>
Bolton & Menk, Inc.	75	<b>5</b>	\$69,850	<b>6</b>
Veenstra & Kimm, Inc. **	74	<b>6</b>	\$65,900	<b>4</b>
Civil Design Advantage, LLC	71	<b>7</b>	\$79,580	<b>7</b>
Kirkham, Michael & Associates	70	<b>8</b>	\$121,170	<b>8</b>

The above table weights the fee based on the standard deviation from the average of the fees submitted and adds or deducts points to the qualifications based score to help determine the best value.

Since the opening of the Furman Aquatic Center, staff has received feedback from time to time from residents for the desire of a pedestrian walk way along the north side of 13<sup>th</sup> Street from Ridgewood Avenue to the aquatic center driveway. Staff felt this was an opportunity to implement this feedback and incorporate a retaining wall and sidewalk on the north side into the design of this street improvement project. While the feasibility is still to be determined whether these can be included as part of the project, the firms indicated above with a double asterisk (\*\*) submitted a fee which did not include the cost to provide professional services to design a retaining wall and sidewalk system on the north side of 13<sup>th</sup> Street.

Therefore, staff has negotiated a contract with the highest ranked firm, Shive-Hattery, Inc. from West Des Moines, Iowa. This consultant has performed work with the City in the past, most recently the ISU Research Park Phase 3 Improvements (both the paving and utility extension projects).

This project is shown in the 2015-2020 Capital Improvements Plan with funding in the amount of \$400,000 from General Obligation bonds and \$1,060,000 from MPO/STP funds, **bringing the total project budget for administration, engineering and construction to \$1,460,000.**

**ALTERNATIVES:**

1. Approve the professional services agreement for the 2015/16 Arterial Street Pavement Improvements (13<sup>th</sup> Street) with Shive-Hattery, Inc. from West Des Moines, Iowa, in an amount not to exceed \$83,500.
2. Direct staff to negotiate an engineering agreement with another consulting firm.

**MANAGER'S RECOMMENDED ACTION:**

Based on staff's evaluation using the above criteria, Shive-Hattery, Inc. will provide the best value to the City in designing this project.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, thereby approving the professional services agreement for the 2015/16 Arterial Street Pavement Improvements (13<sup>th</sup> Street) with Shive-Hattery, Inc. from West Des Moines, Iowa, in an amount not to exceed \$83,500.