

ITEM #: 39
 DATE: 03-14-23
 DEPT: PW

COUNCIL ACTION FORM

SUBJECT: 2022/23 CONCRETE PAVEMENT IMPROVEMENTS – (BROOKRIDGE AVE, RIDGEWOOD AVE, LEE ST, 9TH ST, PARK WAY, & ALLEY)

BACKGROUND:

This annual program utilizes current repair and reconstruction techniques to improve concrete streets. 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. **This project includes the replacement of the existing street pavement with 8” concrete or 9” asphalt, upgrading the pedestrian facilities to meet the current federal regulations, repairing storm/sanitary sewers, and replacing the existing 6” water main with a new 8” water main on Ridgewood Avenue and 9th St. Existing lead water services will also be replaced.**

Plans and specifications for this project were completed by WHKS of Ames, Iowa and city staff with a base bid and then alternatives for the type of pavement. **Alternative 1 will be for using concrete and Alternative 2 is for using asphalt.** A table of total estimated costs for each Alternative is shown below:

	<u>Base + Alt 1 (Concrete)</u>	<u>Base + Alt 2 (Asphalt)</u>
Base Bid	\$ 3,054,862.75	\$ 3,054,862.75
Paving Alternative	<u>\$ 1,145,396.00</u>	<u>\$ 1,178,948.70</u>
Construction Subtotal	\$ 4,200,258.75	\$ 4,233,811.45
Engineering	<u>\$ 840,000.00</u>	<u>\$ 847,000.00</u>
Total Project Costs	\$ 5,040,258.75	\$ 5,080,811.45

On March 8, 2023, bids for the project were received as follows:

<i>Bidder</i>	<i>Base + Alt 1 Amount</i>	<i>Base + Alt 2 Amount</i>
Engineer’s estimate	\$4,200,258.75	\$4,233,811.45
Shekar Engineering, PLC	\$4,203,260.58	\$4,353,430.69
Manatts Inc.	N/A	\$5,150,981.64
All Star Concrete, LLC	\$5,282,373.27	N/A

Revenue and expenses associated with this program are estimated as follows:

Funding Source	Available Revenue	Estimated Expenses
2022/23 Concrete Improvements (G.O. Bonds)	\$ 3,600,000	
2022/23 Water System Improvements (Water Fund)	\$ 650,000	
2022/23 & 23/24 Alley Improvements (G.O. Bonds)	\$ 800,000	
2022/23 Sanitary Sewer Improvements (Sewer Fund)	\$ 400,000	
Construction (Low Bid: Base + Alt 1)		\$ 4,203,260.58
WHKS Engineering		\$ 312,400.00
Engineering Administration		\$ 527,600.00
TOTAL	\$ 5,450,000	\$ 5,043,260.58

ALTERNATIVES:

1. a. Accept the report of bids for the 2022/23 Concrete Pavement Improvements (Brookridge Ave, Ridgewood Ave, Lee St, 9th St, Park Way & Alley) Project.
 - b. Delay the award of bid and allow staff to gather more information to determine if the low bidder is a responsible bidder.
2. Award the 2022/23 Concrete Pavement Improvements – (Brookridge Ave, Ridgewood Ave, Lee St, 9th St, Park Way & Alley) project to Shekar Engineering, P.L.C. of Ames, Iowa, in the amount of \$4,203,260.58.

This alternative will not provide city staff enough time to exercise all due diligence.

3. Award the contract to one of the other bidders.
4. Do not proceed with this project.

CITY MANAGER'S RECOMMENDED ACTION:

This project advances City Council's commitment to improve city streets. This project will result in lower street maintenance costs, improve area drainage, and provide a better neighborhood aesthetic.

However, the low bidder is a new contractor that does not have prior construction contract experience with the City of Ames. Delay of award will allow staff time to exercise all due diligence prior to taking further action. Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, as noted above.