

City Council Agenda Memo

From: Jackie Lanning, City Engineer

Council Meeting: April 28, 2020

Subject: Resolution 20-044, a Resolution Awarding Bids on Project 2020-08STI Street Maintenance and Overlay Project.

Person(s) Responsible: Jackie Lanning, City Engineer

Summary:

This resolution will award bids for the 2020-08STI, Street Maintenance and Overlay Project to Bowes Construction Co. Inc., Brookings, SD for the total low bid price of \$782,571.03.

Background:

This project is the annual street maintenance project, which includes asphalt milling, digouts and overlays on various streets in Brookings that are in need of repair. The streets identified for repair this year include:

- 2nd Street from 6th Avenue to Medary Avenue: Milling, dig-outs and 2" asphalt overlay.
- Yorkshire Drive from Sunrise Ridge Road to the west approximately 1,000 feet: Milling, digouts, new valley gutter near The Neighborhoods at Brookview and 2" asphalt overlay.
- Faculty Drive: This portion of the project is a joint project between BMU and the City. The project includes installing new water main around Faculty Drive and to the west on 7th Ave for a short distance. After the water main is installed, Faculty drive will have a full depth digout and reconstruction from 6th Street on the east leg to the Village Square Mall driveway. Next year, new storm sewer will be installed north of the Village Square Mall driveway and the remainder of Faculty Drive will have an asphalt overlay.
- 10th Street from 22nd Avenue to 25th Avenue: Milling, dig-outs and 2" asphalt overlay.
- West 7th Avenue from West 13th Street to the north: The segment has degraded will be reconstructed and paved.
- Alley between 6th Avenue and 7th Avenue connecting 8th Street and 9th Street: Milling and 4" asphalt paving.

The bid letting for this project was held on Thursday, April 23, 2020 and the City received the following bids:

	Bowes Const.	Asphalt Surfacing Co.	Rounds Const.	Engineer's Estimate
Schedule A: City Street Work	\$603,138.25	\$699,452.20	\$718,762.46	\$684,495.00
Schedule B: BMU Faculty Dr. Water Main	\$179,432.78	\$182,063.48	\$185,426.00	\$190,478.20
Total Schedule A & B:	\$782,571.03	\$881,515.68	\$904,188.46	\$874,973.20

Item Details:

The streets included with this project were selected with reference from the pavement condition study. Staff reviewed the bid prices in comparison to bids received in previous years. The low bid prices were similar to 2019 bid prices, although oil prices are lower this year. The total low bid of Bowes Construction Co., Inc. for \$782,571.03 is approximately 11% lower than the engineer's estimate of \$874,973.20.

Legal Consideration:

None.

Strategic Plan Consideration:

The street maintenance program furthers the accomplishment of City Council Strategic Initiative of Maintaining Facilities with a Sustainable Plan. The asphalt material that is milled from the street surfacing is used in the hot asphalt mix that is placed in the overlay, thereby recycling the aggregate material and using less percentage of oil in the mix. The asphalt overlays will extend the life of the streets and reduce the need for a full reconstruction of the streets.

Financial Consideration:

The City will enter into a contract with Bowes Construction Co, Inc. for the total low bid amount of \$782,571.03. The project is within the budgeted amount.

Options:

The City Council has the following options:

1. Approve as presented
2. Deny
3. Do nothing

Recommendation:

Staff recommends approval of the resolution as presented.

Action Requested:

Approval of the resolution to award the bid.

Supporting Documentation:

1. Resolution
2. Map