

City Council Agenda Memo

From: Jackie Lanning, City Engineer

Council Meeting: February 23, 2021

Subject: 2021-06STI, Chip Seal Project Bid Award

Person(s) Responsible: Jackie Lanning, City Engineer

Summary:

This resolution will approve awarding the 2021-06STI Chip Seal Project to TopKote, Inc. for the low bid of \$290,129.40.

Background:

This project is the chip seal project for the 2021 Project Area, which is shown on the attached map. This is an annual project, where the contractor applies oil and city-purchased quartzite chips to the streets. The City then sweeps up the excess chips a few days afterward for re-use or sale. This year, epoxy pavement marking was also added to the project to paint the pavement markings on several collector streets after the chip seal is applied.

The City received the following bids for the 2021-06STI Chip Seal Project:

TopKote Inc. – Yankton, SD:	\$290,129.40
Bituminous Paving Inc. – Ortonville, MN:	\$318,841.00
The Road Guy Construction Co. – Yankton, SD:	\$346,291.00

The bids were competitive this year. The low bid of \$290,129.40 was approximately 9% lower than the engineer's estimate of \$319,009.00. The decrease in cost was due to oil and pavement marking prices being lower than expected.

Item Details:

The streets which will be chip sealed are in a seven-year rotation and are due for the seal coat this year. This year's section is North of 6th Street and East of Medary Avenue. The City will also chip seal Sunrise Ridge Road, Minnesota Drive, and Eastbrook Drive, which were recommended by the Pavement Condition Study. The project also includes chip sealing the parking lot at Medary Elementary School, adjacent to Medary Avenue.

Legal Consideration:

None.

Strategic Plan Consideration:

The chip seal program furthers the accomplishment of City Council Strategic Initiatives of Stormwater through improved water quality and Maintaining Facilities with a Sustainable Plan. The project will use quartzite rock, which is cleaner and less susceptible to breaking down and creating sediment, and the rock will be recycled and used the following year. There is approximately 700 tons of quartzite chip from last year's project being re-used this year. In addition, the streets which are maintained through the chip sealing process will be less susceptible to infiltration of moisture through the pavement. This will in turn increase the life span of these roads and will likely reduce the number of streets that need a full reconstruction in the future. The chip seal rotation plan allows for sustainable maintenance of the asphalt street network.

Financial Consideration:

The City will enter into a contract with Topkote, Inc. for a cost of \$290,129.40. The project is within the budgeted amount, and the city may add additional streets if any are identified as in need of repair and stay within budget.

Options and Recommendation:

The City Council has the following options:

1. Approve as presented
2. Amend
3. Deny
4. Move the item to a work session
5. Do nothing

Staff recommends approval of the resolution as presented.

Supporting Documentation:

Resolution

Map