

City Council Agenda Memo

From: Charlie Richter, City Engineer

Council Meeting: April 16, 2024

Subject: Resolution 24-036: Bid Award - 2024-06STI Chip Seal Project

Person(s) Responsible: Charlie Richter, City Engineer

Summary:

Staff recommends approving the resolution, which will award the 2024-06STI Chip Seal Project to Bituminous Paving, Inc. for the low bid of \$523,490.00.

Background:

The City of Brookings maintains over 260 lane miles of streets. Annually, the Public Works - Engineering Division reviews the maintenance needs of all streets and, after inspection, determines the streets requiring a chip seal based on a seven-year rotation and other pavement condition factors. Chip Sealing the maintained streets extends the life of the asphalt, sealing the asphalt from moisture infiltration and adding a layer of armoring to the street surface.

In previous years, the chip seal project specifications consisted of an application of oil, with an immediate coating and wheel rolling of quartzite chips. Then, after several days, Street crews would sweep the treated streets to remove loose chips, which generally required multiple sweepings on multiple days.

In 2024, the bid specifications have been modified to improve the performance of the treatment process. The contractor will apply the oil and quartzite chips, then within 48 hours, will sweep and remove any loose chips and apply an emulsion fog seal over the top. Adding the fog seal will help embed the chips (i.e., reduce the quantity of loose rock chips), making the street safer and improving the street's aesthetic appearance. The impact on the traveling public will slightly increase as on-street parking will be restricted for a few extra days.

Item Details:

The City solicited bids for the 2024-06STI Chip Seal Project on March 15, 2024, and bidding was closed on March 26, 2024.

The following bids were received:

Bituminous Paving, Inc. – Ortonville, MN	\$523,490.00
The Road Guy Construction Co. – Yankton, SD	\$562,882.00
TopKote, Inc. – Yankton, SD	\$622,852.72

The low bid of \$523,490.00 was approximately 5 percent (5%) lower than the engineer's estimate of \$550,000.00.

Legal Consideration:

None.

Strategic Plan Consideration:

Sustainability - The project will use quartzite rock, which is cleaner and less susceptible to breaking down and creating sediment that would end up in downstream water bodies. The chip seal rotation plan allows for sustainable maintenance of the asphalt street network.

Financial Consideration:

Sufficient appropriations exist in the amended 2024 Fiscal Year Budget under Org. 213 - Capital Improvement Plans, Account 213-000-5-960-00 - Street and Sidewalk Improvements.

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. Discuss / take no action / table

Staff recommends approval.

Supporting Documentation:

Resolution

Map