



WASHOE COUNTY

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STAFF REPORT

BOARD MEETING DATE: June 25, 2024

DATE: May 18, 2024

TO: Board of County Commissioners

FROM: Dwayne Smith, P.E., Division Director, Engineering and Capital Projects
Community Services Dept., 775-328-2043, desmith@washoecounty.gov

THROUGH: Eric Crump, Director,
Community Services Dept., 775-328-3625, ecrump@washoecounty.gov

SUBJECT: Recommendation to award a bid and approve the Agreement to the lowest responsive, responsible bidder for the 2024/2025 Slurry Seal for Selected Streets in Washoe County, PWP-WA-2024-304, including the Base Bid, Bid Alternate 1 (additional micro and chip seal), Bid Alternates 2 (additional micro and chip seal), Bid Alternate 3 (Variable Depth Micro Mill), and Bid Alternate 4 (Jan Evans Juvenile Justice Center parking lot maintenance) [staff recommends Sierra Nevada Construction in the amount of \$3,031,007.00]; and approve a separate project contingency fund [in the amount of \$150,000.00]. Slurry seal is defined as the application of water, asphalt emulsion, aggregate, and additives to an existing asphaltic concrete surface as a preventative maintenance treatment to extend pavement service life while providing a safe riding surface for the traveling public. (Commission Districts 1, 2, 3 and 5.)

SUMMARY

The 2024/2025 Slurry Seal for Selected Streets in Washoe County, Nevada consists of over 27 miles of major maintenance of certain roads in the Truckee Meadows, Incline Village, and surrounding areas, as listed on Exhibit A. Slurry seal is defined as the application of water, asphalt emulsion, aggregate, and additives to an existing asphalt pavement surface to increase its durability and extend the effective service life of the pavement for the safety of the traveling public. This work consists of the application of chip and micro seals (two variants of slurry seals dependent on aggregate size), asphaltic concrete overlay and patching, crack sealing, and striping, all designed to maintain Washoe County's roadway network in the most efficient and cost-effective method possible.

Solicitation for bids was posted on May 1 and sealed bids were opened on May 22, 2024. Two responses were submitted. The list of sealed bids received for the project is as follows:

AGENDA ITEM # _____

2024/2025 Slurry Seal for Selected Streets in Washoe County, Nevada	
Bidder	Amount
1. Sierra Nevada Construction, Inc.	
Base Bid	\$2,413,102.80
Bid Alternate 1 – Additional Micro & Chip Seal**	\$255,000.00
Bid Alternate 2 – Additional Micro & Chip Seal**	\$255,500.00
Bid Alternate 3 – Variable Depth Micro Mill**	\$57,929.20
Bid Alternate 4 – Jan Evans Parking Lot Maintenance**	\$49,475.00
Total Bid Award with Selected Alternatives	\$3,031,007.00
2. VSS International, Inc.	
Base Bid	\$3,882,120.00
Bid Alternate 1 – Additional Micro & Chip Seal**	\$345,000.00
Bid Alternate 2 – Additional Micro & Chip Seal**	\$345,000.00
Bid Alternate 3 – Variable Depth Micro Mill**	\$312,817.68
Bid Alternate 4 – Jan Evans Parking Lot Maintenance**	\$191,026.80
Total Bid Amount with Selected Alternatives	\$5,075,964.48
3. Engineer's Estimate	
	\$3,275,370.00

*Contract Awarded on Base Bid Amount

** Alternatives Selected to Award

Staff has verified in the system for award management (SAM) that the bidder is not excluded from receiving federal government contracts as a result of being debarred; thus, the bidder is not prohibited by NRS 338.017(2) from being awarded a public works contract.

Washoe County Strategic Objective supported by this item: Fiscal Sustainability:
Long-term sustainability.

PREVIOUS ACTION

On June 20, 2023, The Board of County Commissioners (Board) awarded a bid and approved the Agreement to the lowest, responsible bidder for the 2023/2024 Slurry Seal for Selected Streets in Washoe County, PWP-WA-2024-305, Sierra Nevada Construction in the amount of \$3,262,007.00.

On June 28, 2022, The Board awarded a bid and approved the Agreement to the lowest, responsible bidder for the 2022/2023 Slurry Seal for Selected Streets in Washoe County, PWP-WA-2022-300, Sierra Nevada Construction in the amount of \$3,531,007.00.

On June 8, 2021, The Board awarded a bid and approved the Agreement to the lowest, responsible bidder for the 2021/2022 Slurry Seal for Selected Streets in Washoe County, PWP-WA-2021-230, Sierra Nevada Construction in the amount of \$2,382,518.50.

On July 21, 2020, the Board awarded a bid and approved the Agreement to the lowest responsive, responsible bidder for the 2020/2021 Slurry Seal for Selected Streets in Washoe County, PWP-WA-2020-270, Sierra Nevada Construction in the amount of \$2,234,007.00.

On May 28, 2019, the Board awarded a bid and approved the Agreement to the lowest responsive, responsible bidder for the 2019/2020 Slurry Seal & Roadway Repairs for Washoe County, PWP-WA-2019-199, Sierra Nevada Construction in the amount of \$2,774,007.00.

On May 22, 2018, the Board awarded a bid and approved the Agreement to the lowest responsive, responsible bidder for the 2018/2019 Slurry Seal & Roadway Repairs for Washoe County, PWP-WA-2018-130, Sierra Nevada Construction in the amount of \$2,660,007.00.

BACKGROUND

The repair and maintenance of Washoe County Streets is part of the County's pavement management program. The objective of the program is to help keep the County's maintenance and replacement costs at a minimum while providing the highest quality street surfaces for the traveling public and maintaining Washoe County's significant investment in our network of roadways. This is accomplished by performing selected maintenance (i.e., patch repair, crack sealing, slurry seals, overlays, or reconstruction) when the Pavement Condition Index (PCI) falls below certain levels. The PCI average is currently 70. All County streets are assessed on a three-year rotating cycle. If this planned maintenance does not occur, there is on average a drop of 3 points per year in the PCI score. An inverse relationship exists between the PCI and cost of maintenance, whereas PCIs decrease, the cost of maintenance increases. This project is for asphalt chip and micro seals, asphaltic concrete overlay and patching, crack seal, and striping work as listed on Exhibit A. Work described in Exhibit A with alternates will span roughly 27 center lane miles.

Parking lot maintenance at the Jan Evans Juvenile Justice Center will help improve the existing parking lot condition while keeping long-term maintenance and replacement costs to a minimum. The proposed maintenance treatments are estimated to extend the pavements service life 8-10 years.

FISCAL IMPACT

Budget authority for this agreement, including Base Bid, Bid Alternate 1, Bid Alternate 2, Bid Alternate 3, and contingency, exists in the FY25 Budget in the Roads Special Revenue Fund (216) in Roads Capital (C216003).

Sufficient budget authority for Bid Alternate 4, Jan Evans Parking Lot Maintenance, exists in the FY24 budget in the Capital Improvement Fund (402) in the Jan Evans Parking Lot Drainage project (PW920515).

RECOMMENDATION

It is recommended to award a bid and approve the Agreement to the lowest responsive, responsible bidder for the 2024/2025 Slurry Seal for Selected Streets in Washoe County, PWP-WA-2024-304, including the Base Bid, Bid Alternate 1 (additional micro and chip seal), Bid Alternates 2 (additional micro and chip seal), Bid Alternate 3 (Variable Depth Micro Mill), and Bid Alternate 4 (Jan Evans Juvenile Justice Center parking lot maintenance) [staff recommends Sierra Nevada Construction in the amount of \$3,031,007.00]; and approve a separate project contingency fund [in the amount of \$150,000.00]. Slurry seal is defined as the application of water, asphalt emulsion, aggregate, and additives to an existing asphaltic concrete surface as a preventative maintenance treatment to extend pavement service life while providing a safe riding surface for the traveling public.

POSSIBLE MOTION

Should the Board agree with staff's recommendation, a possible motion would be: "Move to award a bid and approve the Agreement to the lowest responsive, responsible bidder for the 2024/2025 Slurry Seal for Selected Streets in Washoe County, PWP-WA-2024-304, including the Base Bid, Bid Alternate 1 (additional micro and chip seal), Bid Alternates 2 (additional micro and chip seal), Bid Alternate 3 (Variable Depth Micro Mill), and Bid Alternate 4 (Jan Evans Juvenile Justice Center parking lot maintenance) [staff recommends Sierra Nevada Construction in the amount of \$3,031,007.00]; and approve a separate project contingency fund [in the amount of \$150,000.00]. Slurry seal is defined as the application of water, asphalt emulsion, aggregate, and additives to an existing asphaltic concrete surface as a preventative maintenance treatment to extend pavement service life while providing a safe riding surface for the traveling public."