



WASHOE COUNTY

Integrity Communication Service
www.washoecounty.us

STAFF REPORT

BOARD MEETING DATE: June 08, 2021

DATE: May 3, 2021

TO: Board of County Commissioners

FROM: Stephen Hein, P.E., Licensed Engineer,
Community Services Department, 328-2319, shein@washoecounty.us

THROUGH: Dwayne Smith, P.E., Division Director, Engineering and Capital Projects,
Community Services Department, 328-2043, desmith@washoecounty.us

SUBJECT: Recommendation to award a bid and approve the Agreement to the lowest responsive, responsible bidder for the 2021/2022 Slurry Seal for Selected Streets in Washoe County, PWP-WA-2021-230 project [staff recommends Sierra Nevada Construction in the amount of \$2,382,518.50]; and approve a separate project contingency fund [in the amount of \$500,000]. 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 in an effort to extend the pavements' service life. (Commission Districts 1,2,4 and 5.)

SUMMARY

The 2021/2022 Slurry Seal for Selected Streets in Washoe County, Nevada consists of over 29 miles of major maintenance of roads in the Truckee Meadows, Incline Village and surrounding areas including CR 34 North of Gerlach, 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. The work proposed through this project consists more specifically of the application of chip and micro seals (two variants of slurry seals dependent on aggregate size), asphaltic concrete patching, and asphaltic concrete overlay, all designed to maintain Washoe County's roadway network in the most efficient and cost effective method possible.

Sealed bids were opened on April 29, 2021. The list of sealed bids received for the project is as follows:

2021/2022 Slurry Seal for Selected Streets in Washoe County	
Bidder	Amount
Sierra Nevada Construction	\$2,382,518.50
VSS International, Inc.	\$2,853,120.00
Engineer's Estimate	\$2,516,000.00

Staff has verified in the system for award management (SAM) that no bidder is excluded from receiving federal government contracts as a result of being debarred; thus, none of the bidders is prohibited by NRS 338.017(2) from being awarded a public works contract.

Washoe County Strategic Objective supported by this item: Safe, secure and healthy communities.

AGENDA ITEM # _____

PREVIOUS ACTION

On July 21, 2020, the Board of County Commissioners (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.

On May 23, 2017, the Board awarded a bid and approved the Agreement to the lowest responsive, responsible bidder for the 2017/2018 Roadway & Parking Lot Repairs for Washoe County, PWP-WA-2017-161, Sierra Nevada Construction in the amount of \$3,155,007.00.

BACKGROUND

The repair and maintenance of Washoe County Streets is part of the Community Services Department'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 72. All County streets are assessed on a three-year rotating cycle. If maintenance does not occur, there is an average drop of 3 points per year. An inverse relationship exists between the PCI and cost of maintenance, whereas PCI's decrease, the cost of maintenance increases. This project is for asphalt chip and micro seals, patching, crackseal, and overlay work as listed on Exhibit A. Work described in Exhibit A will span roughly 29 center lane miles.

FISCAL IMPACT

Budget authority for this agreement, including base bid and contingency, exists in the FY21 and FY22 Budgets in the Roads Special Revenue Fund (216) in Roads Capital (C216003) Road Bridge Capital (781003).

RECOMMENDATION

It is recommended the Board of County Commissioners award a bid and approve the Agreement to the lowest responsive, responsible bidder for the 2021/2022 Slurry Seal for Selected Streets in Washoe County, PWP-WA-2021-230 project [staff recommends Sierra Nevada Construction in the amount of \$2,382,518.50]; and approve a separate project contingency fund [in the amount of \$500,000]. 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 in an effort to extend the pavements' service life.

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 2021/2022 Slurry Seal for Selected Streets in Washoe County, PWP-WA-2021-230 project [staff recommends Sierra Nevada Construction in the amount of \$2,382,518.50]; and approve a separate project contingency fund [in the amount of \$500,000]. 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 in an effort to extend the pavements' service life. "