WASHOE COUNTY

Integrity Communication Service

www.washoecounty.gov

STAFF REPORT

BOARD MEETING DATE: April 26, 2022

DATE: March 10, 2022

TO: Board of County Commissioners

FROM: Stephen Hein, P.E., Licensed Engineer, Engineering & Capital Projects Community Services Department, 328-2319 shein@washoecounty.gov

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

SUBJECT: Recommendation to approve a Professional Services Agreement between Washoe County and Nichols Consulting Engineers, Inc., [$117,430.00] effective April 26, 2022, through December 30, 2022, for pavement condition data collection services as required under the provisions of Nevada Revised Statute (NRS) 365.550, NRS 625.530, and the 2050 Regional Transportation Plan Section 6.2. Pavement data collection, used for monitoring the conditions of roadway pavement within Unincorporated Washoe County leads to improved management, quality and performance of County roadways while minimizing maintenance and replacement costs. (All Commission Districts.)

SUMMARY

The Community Services Department (CSD) is requesting approval of a professional consulting services agreement with Nichols Consulting Engineers, Inc (NCE) to perform Pavement Condition Survey data collection services for the Washoe County maintained road network. Three general services are proposed under this contract: Project Coordination, Pavement Condition Data Collection, and Pavement Condition Data Entry / Quality Control.

Washoe County maintains roughly 740 center lane miles of roadway. The annual pavement condition data provides the County with an accurate means for project selection and an acceptable method for compliance with the Regional Transportation Commissioner (RTC) and State of Nevada for roadway funds. The Washoe County Road network is divided into three sections with each section on a rotating inspection schedule. Approximately 285 center-lane miles of Washoe County Roads will be inspected this year with roughly 3,702 samples collected.

NRS 625.530(3) states the selection of professional engineering services must be made on the basis of competence and qualifications of the Engineer, Land Surveyor or Architect for the type of services to be performed and not on the basis of competitive fees. NCE has provided inspection services for more than 30 years. Additionally, Nichols Consulting has provided pavement data collection services for Washoe County since 2012 and is the same consultant utilized by the RTC, City of Reno, and City of Sparks for comparable data exchanges. Lastly, NCE's Pavement Data Collection Project Manager maintained Washoe

County's pavement database directly for more than 30 years, designed internal and local coding specifics, and helped establish local pavement distress identifications used by all local jurisdictions.

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

PREVIOUS ACTION

Nichols Consulting Engineers, Inc. has provided Pavement Data Collection services for Washoe County since 2012. Previous Pavement Data Collection Services contracts have been approved through Washoe County's Purchasing Contracts Manager.

BACKGROUND

In 1986 the Board County Commissioners approved the Washoe County Pavement Preservation Program.

Pavement Management is simply defined as a program for improving the quality and performance of County pavements while minimizing maintenance and replacement costs through good management practices. Staff within the Washoe County Community Services Department are responsible for implementing Washoe County's Pavement Management Program (Program) with the ultimate goal of developing data to allow for the optimization of strategies for maintaining pavements to minimum County standards for the least cost. The Program includes a roadway condition rating process identified as the Pavement Condition Index (PCI). The PCI a rating system is an objective process for collecting and analyzing roadway data and is made up of 19 different pavement distress conditions including cracking, shoving, pushing, bleeding, etc.

FISCAL IMPACT

Services provided will be billed on a time and materials basis with the contract amount not to exceed $117,430.00. Sufficient budget authority is available in the FY22 budget in the Roads Special Revenue Fund (216), Roads Capital (216003).

RECOMMENDATION

It is recommended the Board of County Commissioners approve a Professional Services Agreement between Washoe County and Nichols Consulting Engineers, Inc., [$117,430.00] effective April 26, 2022, through December 30, 2022, for pavement condition data collection services as required under the provisions of Nevada Revised Statute (NRS) 365.550, NRS 625.530, and the 2050 Regional Transportation Plan Section 6.2. Pavement data collection, used for monitoring the conditions of roadway pavement within Unincorporated Washoe County leads to improved management, quality and performance of County roadways while minimizing maintenance and replacement costs.

POSSIBLE MOTION

Should the Board agree with staff's recommendation, a possible motion would be: "Move to approve a Professional Services Agreement between Washoe County and Nichols Consulting Engineers, Inc., [$117,430.00] effective April 26, 2022, through December 30,

2022, for pavement condition data collection services as required under the provisions of Nevada Revised Statute (NRS) 365.550, NRS 625.530, and the 2050 Regional Transportation Plan Section 6.2. Pavement data collection, used for monitoring the conditions of roadway pavement within Unincorporated Washoe County leads to improved management, quality and performance of County roadways while minimizing maintenance and replacement costs."