



## **RESOLUTION NO. 2022-44**

OF THE BOARD OF DIRECTORS OF THE NEVADA IRRIGATION DISTRICT

### **AUTHORIZING APPLICATION FOR A WATER AND ENERGY EFFICIENCY GRANT FOR UPGRADING IRRIGATION SYSTEM WATER MEASUREMENT AND CONTROL**

**WHEREAS**, Nevada Irrigation District (District) provides water for residential, commercial, industrial, agricultural, municipal, environmental, recreation, hydroelectric generation, and fire protection and prevention purposes, as well as other beneficial uses of water; and

**WHEREAS**, article X, section 2 of the California Constitution declares that waters of the State are to be put to beneficial use, that waste, unreasonable use be prevented, and that water be conserved for the public welfare; and

**WHEREAS**, the District operates and maintains numerous raw water flow control and measuring structures that are critical in ensuring accuracy, efficiency, and reliability of distribution flows; and

**WHEREAS**, many of the District's flow control and measuring structures have met their life expectancy and are in need of replacement; and

**WHEREAS**, conversion of the District's flow control and measuring structures from manual to automated remote motor operated gates will contribute to water conservation through real time flow adjustments that provide only the water necessary to meet demand in real time; and

**WHEREAS**, automation of the stations will contribute to staff efficiency via remote reporting that will reduce the number of site visits necessary; and

**WHEREAS**, the United States Department of the Interior, Bureau of Reclamation has announced the Water and Energy Efficiency Grants in order to support the implementation of drought mitigation projects that will build long-term efficiency and resiliency to drought; and

**WHEREAS**, the proposed retrofit is in line the District's strategic plan goal #4 "We believe the integration of proven practices and technologies enhances efficiency and reliability throughout the District"; and

**WHEREAS**, Automation of canal structures is specifically identified within NID's 2020 AWMP as an Efficient Water Management Practice (EWMP) which the district is actively implementing where applicable to system efficiency; and

**WHEREAS**, it is in the best interest of the District's customers to expedite the preparation and submission of an application for financial assistance from the Bureau of Reclamation, in the form of a grant

**NOW, THEREFORE, BE IT RESOLVED AND PROCLAIMED** by the Board of Directors of the Nevada Irrigation District that the General Manager (or designee) is hereby authorized and directed to sign an application and all related documents necessary to file and process a grant application for the Water and Energy Efficiency Grant program.

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**PASSED AND ADOPTED** by the Board of Directors of Nevada Irrigation District at a meeting duly called and held within the District on the 13th day of July, 2022, by the following roll call vote:

**AYES:** Directors: Heck, Peters, Johansen, Hull, Bierwagen  
**NOES:** Directors: None  
**ABSENT:** Directors: None  
**ABSTAINS:** Directors: None

  
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President of the Board of Directors

**Attest:**

  
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Secretary to the Board of Directors