

Resolution No. 24-19

A RESOLUTION SUPPORTING THE GRANT APPLICATION FOR A BUREAU OF RECLAMATION GRANT FOR ADVANCED METERING INFRASTRUCTURE PROJECT

Be it resolved by the City Council of the City of Grand Junction, Colorado that:

The City of Grand Junction by, with and through this Resolution of the City Council supports the WaterSMART Water and Energy Efficiency Grant application that the City of Grand Junction has made to the United States Bureau of Reclamation (BOR). The application will assist the City in implementing an Advanced Metering Infrastructure Project.

The BOR provides assistance to states, tribes and local governments to conduct planning activities to develop water marketing strategies that establish or expand water markets or water marketing activities between willing participants, in compliance with state and Federal laws.

In accordance with the grant purposes, the City Utilities Department proposes to implement of an advanced metering infrastructure (AMI) project for the City's municipal water system as part of its long-term goal of efficient water management. The AMI Project includes the upgrade of approximately 9,950 existing manually-read water meters with an AMI fixed-based network system that will automatically collect and store hourly consumption data, aiding in water conservation and water use efficiency and improved water management.

Completion of the AMI Project is scheduled to be complete by 2022 with the following activities: 1) upgrade remaining 6,550 manual-read water meters to AMI compatible water meters; 2) install a fixed network data collection system that will automatically collect and store hourly consumption data; 3) deploy a web-based utility management portal and a web-based customer portal for water customers to access their accounts to view both real-time flow and information and historical usage data. The upgrade to a fully automated AMI system is expected to result in measurable water savings estimated at 741 acre-feet per year (AFY). Furthermore, deployment of a Customer Portal through which water users will have online access to their own real-time hourly water usage data will prompt customers to make positive changes to their water use behaviors. The AMI Project will reduce real system losses and increase water use efficiency and conservation through the availability of near real-time data on water usage and daily water needs.

The City staff is seeking Bureau of Reclamation grant funding in the amount of \$1,000,000 over a period up to 3 years. The City Council of the City of Grand Junction authorizes the expenditure of funds necessary to meet the terms and obligations, including established deadlines, of any Grant awarded.

If the grant is awarded, the City Council hereby authorizes the City Manager to sign the grant agreement with Bureau of Reclamation for the Advanced Metering Infrastructure Project grant program.

The City staff has recommended that the City Council support the grant application and if awarded that the grant be utilized for the important purposes of continuing to carefully manage the water resources.

PASSED and ADOPTED this 3rd day of April 2019



Barbara Traylor Smith
President of the Council



ATTEST:



Wanda Winkelmann
City Clerk