



Item Brief

Meeting Date

March 11, 2025

Agenda Item

Discuss and consider action: Resolution No. R2025-17: E. Belaj

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BURNET, TEXAS, AUTHORIZING THE SUBMISSION OF A WATER CONSERVATION GRANT APPLICATION TO THE LOWER COLORADO RIVER AUTHORITY (LCRA) AND THE EXECUTION OF THE AWARD CONTRACT

Information

The City Council has previously allocated funds to begin replacing water meters and implementing a more reliable Automated Metering Infrastructure (AMI) system. The current water metering system depends on nearby electric meters to collect and transmit water usage data to the cloud. However, this system relies on third-party components and software, leading to frequent data transmission failures, security concerns, and operational disruptions. Additionally, the system operates on outdated servers and software, making upgrades increasingly difficult.

To address these challenges, the City seeks to implement an AMI system for water metering that operates independently of the electric metering system and third-party involvement. While the City's existing water meters, manufactured by Badger, remain reliable, the data transmission infrastructure supporting them is not. Badger now offers an advanced data transmission technology that eliminates reliance on electric metering and third-party systems. Recognizing the need for this transition, the City Council has previously authorized \$140,000 in funding to initiate the upgrade.

Grant Opportunity: The Lower Colorado River Authority (LCRA) is offering a water conservation grant. To qualify, the City must demonstrate measurable water savings resulting from the proposed improvements. Calculations indicate that the City could be eligible for up to \$67,000 in grant funding. Notably, the City is not required to allocate any additional funds beyond the \$140,000 already authorized by the City Council.

Fiscal Impact

The City has budgeted \$140,000 in matching funds, which remains available.

Recommendation

Staff recommends the approval of Resolution No. R2025-17 as presented.