



## Legislation Text

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**File #:** 2017-4217, **Version:** 1

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Consider a resolution authorizing the Mayor to execute a Professional Services Agreement with JBS Water, Inc. for a water distribution audit and meter management analysis.

This agreement will provide the City of Round Rock with a diagnosis of unaccounted-for water loss in the water distribution system and identify additional cost savings and efficiencies. The audit is designed to help the City reduce the balance of water loss as cost effectively as possible and places emphasis on the meter management, meter sizing, and bulk meter aspects, as well as leakage. In evaluating the water system, JBS Water, Inc. will verify available historical data representing the quantities of water produced or pumped for distribution. This evaluation identifies where actions need to be taken by the City to reduce losses in the system. Considerable savings in water loss and associated costs could be achieved through implementation of the audit conclusions. JBS Water, Inc. conducted the past four water distribution system audits for the City, with the latest being conducted in 2012. It is assumed that unaccounted-for water is 75% contributable to leakage losses and 25% associated with metering, meter reading, theft and billing. The City conducts this extensive audit of the water distribution system and meter management analysis every five years.

**Cost:** \$81,429.00

**Source of Funds:** Utility Fund