



**DATE:** October 28, 2019

**TO:** Honorable Mayor and City Councilmembers  
David Perrault, City Administrator

**FROM:** Todd Blomstrom, Interim Public Works Director/City Engineer

**SUBJECT:** Agreement with InControl, Inc. for Improvements to the Utility Monitoring and Control System

<b>Budgeted Amount:</b>	<b>Actual Amount:</b>	<b>Funding Sources:</b>
\$100,000	\$84,000	Water Fund

**Council Should Consider**

Approval of an agreement with InControl, Inc. for improvements to the utility monitoring and control system in the amount of \$51,957.00.

**Background/Discussion**

The City currently utilizes two systems for monitoring water and wastewater infrastructure sites. The water tower and booster station facilities are monitored via cellular service provided by High Tide Technologies, while the lift stations are monitored using a cellular service provided by OmniSite. While the OmniSite units have operated effectively, High Tide equipment is not always reliable causing tower overflows due to inadequate cellular communication.

InControl has provided a proposal for upgrading the monitoring and communication equipment for the north water tower and booster station as provided in Attachment A. The scope of work includes replacement of programmable logic controllers, which are no longer supported by the manufacturer, and upgrading communications between the north tower and booster station from cellular to radio telemetry. Upon completion of the project, the booster station and north water tower will be controlled using OmniSite.

**Financial Impact**

The utility monitoring and control system improvements as outlined in the proposal from InControl are included in the City’s Capital Improvement Program. The following table provides a summary of total project expenses.

<u>Expense</u>	<u>Amount</u>	<u>Funding Source</u>
Initial System Study (HR Green)	\$15,400.00	Water & Sewer Fund
System Design Phase (HR Green)	\$13,100.00	Water & Sewer Fund
Lift Station Modem Upgrades (Omni)	\$ 2,640.00	Sewer Fund
Booster/Tower Upgrades (InControl)	<u>\$51,957.00</u>	Water Fund
TOTAL	\$83,097.00	

### **Attachments**

Attachment A – Professional Services Proposal and Agreement