



---

## **CITY COUNCIL CONSENT ITEM**

### **CITY OF FAIR OAKS RANCH, TEXAS**

**March 16, 2023**

---

AGENDA TOPIC: Approval to authorize the City Manager or designee to execute agreements associated with migration of City water meter reads to Sensus cloud services.

DATE: March 16, 2023

DEPARTMENT: Information Technology

PRESENTED BY: Consent Item - Brian LeJeune, IT Manager

---

#### **INTRODUCTION/BACKGROUND:**

At the City Council Meeting on March 2, 2023, the need to move the City's Automated Meter Reading services to a cloud environment was discussed. City staff discussed multiple advantages of moving to a cloud environment and issues associated with not making this move. As a result, the City is bringing this item back for consideration and possible action.

Staff has selected Aqua Metric, an affiliate of Thirkettle Corporation, to assist the City of Fair Oaks Ranch with migrating our data to the Sensus Cloud. As a part of this migration to the Sensus Cloud, the City will migrate all historical data so they may be available for staff should the need arise. An enhancement to the services provided to our customers will be the ability to handle hourly meter reads with AquaHawk. We currently only send read information four times a day to AquaHawk. Finally, a software configuration will need to be implemented within our Tyler Technologies enterprise software to work with the Sensus Analytics Cloud environment.

#### **POLICY ANALYSIS/BENEFIT(S) TO CITIZENS:**

- This item specifically addresses Project 5.5.11 to Virtualize Aqua Metric (Sensus) as well as other strategies with Priority 5.5 to Evaluate and Update IT Infrastructure, Software, and Security.
- The City must maintain a supported and secure AMR system to ensure continuity of its water and wastewater utility services.
- An enhancement to AquaHawk will provide more timely water consumption information for customers.
- The City would shift the responsibility to Sensus for maintaining the software and hardware our data resides on as well as handling backups of our data.
- The City will purchase the Sensus Cloud items through Aqua Metric using the HGACBuy Purchasing Cooperative. The City is a member of this purchasing cooperative and utilizing this fulfills our competitive requirements. Additionally, Aqua Metric is the sole Sensus authorized provider in this area.

**LONG-TERM FINANCIAL & BUDGETARY IMPACT:**

Staff anticipates the first-year impact of \$85,884.34 would be identified through projected savings in the Utility Fund. There are anticipated increases in the amount incurred for the annual costs year over year as with any cloud service.

Aqua Metric Sensus Cloud Setup / Data Migration	\$45,459.93
Aqua Metric Sensus Cloud Hosting Fees (Annual)	\$33,264.41
Tyler Technologies Programming/Licensing Purchase	\$4,410.00
Tyler Technologies Licensing Fee (Annual)	\$750.00
AquaHawk Initial Setup	\$500.00
AquaHawk Processing Increase over existing charges (Annual)	\$1,500.00
	<b>\$85,884.34</b>

**LEGAL ANALYSIS:**

A purchase order will be issued to Aqua Metric, Tyler Technologies and AquaHawk for the above-mentioned products.

**RECOMMENDATION/PROPOSED MOTION:**

Consent Item - I move to authorize the City Manager or designee to execute agreements with the following companies in the total amount of \$85,884.34:

- Aqua Metric
- Tyler Technologies
- AquaHawk