



## Recommendation for Action

**File #:** 21-3595, **Agenda Item #:** 34.

12/9/2021

### **Posting Language**

Authorize negotiation and execution of a contract with High Sierra Electronics, Inc. for the upgrade of the Flood Early Warning System's Supervisory Control and Data Acquisition system, for a term of five years in an amount not to exceed \$760,000.

(Note: Sole source contracts are exempt from the City Code Chapter 2-9C Minority Owned and Women Owned Business Enterprise Procurement Program; therefore, no subcontracting goals were established).

### **Lead Department**

Financial Services Department.

### **Client Department(s)**

Watershed Protection Department.

### **Fiscal Note**

Funding in the amount of \$588,291 is available in the Fiscal Year 2021-2022 Capital Budget of the Watershed Protection Department. Funding for the remaining contract term is contingent upon available funding in future budgets.

### **Purchasing Language:**

Sole Source.

### **For More Information:**

Inquiries should be directed to Gil Zilkha, at 512-974-2696 or [Gil.Zilkha@austintexas.gov](mailto:Gil.Zilkha@austintexas.gov) or [<mailto:Gil.Zilkha@austintexas.gov>](mailto:Gil.Zilkha@austintexas.gov).

### **Additional Backup Information:**

The contract will provide for the upgrade and retrofitting of the Flood Early Warning System's Supervisory Control and Data Acquisition (SCADA) system. The SCADA system is a high-water detection system comprised of several features, including gate arms, flashing lights, float switches and other sensors, that are installed at flood-prone roadways across the City. The purpose of the SCADA system is to ensure public safety by utilizing the system to close flooded roadways.

The current SCADA system is at end of life, including some elements of the system that are now obsolete, such as the Human-Machine Interface software. The system must be upgraded to ensure reliable operation and public safety at flood-prone roadways.

High Sierra Electronics Inc. is the sole contractor capable of providing the high-water detection services that are specifically designed for roadways. There are no other solutions or alternatives to fully replace the current SCADA system.

### **Strategic Outcome(s):**

Safety, Health and Environment.