



Recommendation for Action

File #: 23-3077, Agenda Item #: 19.

10/5/2023

Posting Language

Authorize negotiation and execution of a contract for early wildfire detection services with Pano AI, Inc., for up to five years for a total contract amount not to exceed \$3,225,600.

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

Lead Department

Financial Services Department.

Client Department(s)

Austin Energy.

Fiscal Note

Funding in the amount of \$440,000 is available in the Fiscal Year 2023-2024 Operating Budget of Austin Energy. Funding for the remaining contract term is contingent upon available funding in future budgets.

Purchasing Language:

Sole Source.

For More Information:

Direct questions regarding this Recommendation for Council Action to the Financial Services Department - Central Procurement at: FSDCentralProcurementRCAs@austintexas.gov or [512-974-2500](mailto:FSDCentralProcurementRCAs@austintexas.gov).

Additional Backup Information:

The contract is for an early wildfire detection solution. Due to the heightened risk of wildfires resulting from tree damage following recent extreme weather events, the region's thick tree canopy, and continued drought conditions, this solution is needed to support Austin Energy's efforts in monitoring, managing, and evaluating potential wildfires throughout its service area.

The solution combines hardware, artificial and human intelligence, and software to provide situational awareness to help identify potential wildfires. Mounted cameras provide real-time smoke detection input that is analyzed and reported to designated entities such as Austin Energy, fire departments, and other safety and emergency responders. Artificial intelligence algorithms are designed to detect unique characteristics of smoke and flames, including movement patterns and visual triangulation capabilities that are able to pinpoint the fire source to within 200 feet while pixelating private property.

This solution is in response to the Mayor's Declaration of Local State of Disaster on August 15, 2023, and is critical to preserving life, property, and assets within the Austin Energy service territory.

Pano AI, Inc. is the only full-service solution provider for wildfire intelligence, and it is not available from any

other resource.

Contract Detail:

<u>Contract Term</u>	<u>Length of Term</u>	<u>Contract Authorization</u>
Initial Term	2 yrs.	\$1,175,040
Optional Extension 1	3 yrs.	\$2,050,560
TOTAL	5 yrs.	\$3,225,600

Note: Contract Authorization amounts are based on the City's estimated annual usage.