Recommendation for Action

File #: 20-3443, **Agenda Item #:** 25.   12/3/2020

Posting Language

Authorize negotiation and execution of a contract with Big Analytix LLC, to provide an enterprise electric utility report repository, for a term of five years in an amount not to exceed $5,000,000.

(Note: This contract is 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

Purchasing Office.

Client Department(s)

Austin Energy.

Fiscal Note

Funding in the amount of $3,000,000 is available in the Fiscal Year 2020-2021 Operating Budget of Austin Energy. Funding for the remaining contract term is contingent upon available funding in future budgets.

Purchasing Language:

Critical Business Need.

For More Information:

Inquiries should be directed to the City Manager's Agenda Office, at 512-974-2991 or AgendaOffice@austintexas.gov <mailto:AgendaOffice@austintexas.gov> or to Daniel Dellemonache, at 512-974-2981 or Daniel.Dellemonache@austintexas.gov <mailto:Daniel.Dellemonache@austintexas.gov>.

Council Committee, Boards and Commission Action:

November 9, 2020 - Recommended unanimously by the Electric Utility Commission on an 8-0 vote, with Commissioners Funkhouser, Stone and Wray absent.

Additional Backup Information:

The contract will provide Austin Energy with a comprehensive integrated data information and cloud-based analytics platform that will provide the repository and analytics capabilities for revenue assurance and cost optimization. Big Analytix will provide a near real-time solution to support self-service operational and historical reporting. The platform will be able to ingest electric utility data from targeted data sources and provide virtualized run-time schemas that allow users to perform their own analysis on top of the data layer.

Big Analytix will install, configure, and manage the data and cloud analytics platform, as well as provide testing and training. This project will provide a solution that integrates into Austin Energy's electric utility data ecosystem and can be coupled with additional systems for further business intelligence use. The solution will provide capabilities for better decision making that can respond to changing business climates and demands.

The analytics repository will provide data insight across the business life cycle and later be applied to additional data sources including assets, trading, marketing, and others as determined by Austin Energy leadership.

These new capabilities will allow Austin Energy to overcome current limitations around business analysis, data storage and retrieval and infrastructure scalability and performance, as they relate to reporting. The solution also provides industry specific focus with the inclusion of data extract specifications for common energy sector source systems, data integration routines for common energy sector source systems, and data set definitions for common electric utility analytics use cases.

Contract Detail:

Contract Term	Length of Term	Contract Authorization
Initial Term	1 yr.	$3,000,000
Optional Extension 1	1 yr.	$ 500,000
Optional Extension 2	1 yr.	$ 500,000
Optional Extension 3	1 yr.	$ 500,000
Optional Extension 4	1 yr.	$ 500,000
TOTAL	5 yrs.	$5,000,000

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

Strategic Outcome(s):

Government that Works for All.