



Recommendation for Action

File #: 23-2363, **Agenda Item #:** 63.

7/20/2023

Posting Language

Authorize execution of a contract for siloxane removal and replacement media with Karbonous, Inc., for a term of five years for a total contract amount not to exceed \$460,000.

[Note: This solicitation was reviewed for subcontracting opportunities in accordance with City Code Chapter 2-9C (Minority Owned and Women Owned Business Enterprise Procurement Program). For the goods and services required for this solicitation, there were no subcontracting opportunities; therefore, no subcontracting goals were established].

Lead Department

Financial Services Department.

Client Department(s)

Austin Water.

Fiscal Note

Funding in the amount of \$7,667 is available in the Fiscal Year 2022-2023 Operating Budget of Austin Water. Funding for the remaining contract term is contingent upon available funding in future budgets.

Purchasing Language:

The Financial Services Department issued an Invitation for Bids (IFB) 2200 AMA1083 for these goods and services. The solicitation was issued on February 20, 2023, and closed on March 28, 2023. The recommended contractor submitted the only responsive offer. A complete solicitation package, including a tabulation of the bid received, is available for viewing on the City's Financial Services website, Austin Finance Online. Link:

[Solicitation Documents](#)

https://financeonline.austintexas.gov/afo/account_services/solicitation/solicitation_details.cfm?sid=138008.

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. Respondents to the solicitation and their Agents should direct all questions to the Authorized Contact Person identified in the solicitation.

Council Committee, Boards and Commission Action:

July 19, 2023 - Item not reviewed by the Water and Wastewater Commission due to a meeting cancelation.

Additional Backup Information:

The contract will provide the City with siloxane media removal and replacement used to remove siloxane from methane gas prior to being combusted in the generator unit used to sell electricity back to Austin Energy and offset the majority of the Hornsby Bend Biosolids Management Plant utility costs. Siloxane removal is critical to prevent premature wear and failure due to the build-up of siloxane on equipment. This contract also includes provision for removal of sulfatreat media, used to remove corrosive hydrogen sulfide from the methane. Over

time, sulfatreat media loses efficiency to absorb hydrogen sulfide and periodically needs to be replaced. Once this media is removed the vessels will be refilled by plant staff.

This contract will replace a contract which expired January 25, 2022. The requested authorization amount was determined using departmental estimates based on historical spend, along with a small annual increase to account for an increase in production and shipping. The recommended contractor was the previous provider of these goods and services.

If a contract is not secured, the City may not meet the gas quality standards necessary for the operation of the generator, increasing maintenance costs and downtime which results in increased flaring of methane.