



Recommendation for Action

File #: 20-3812, **Agenda Item #:** 46.

1/27/2021

Posting Language

Ratify a contract with National Works, Inc., to provide emergency cleaning and diffuser replacement in the aeration basin and clarifier at the Dessau Wastewater Treatment plant, in the amount of \$274,232.

(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 Water.

Fiscal Note

Funding was available in the Fiscal Year 2019-2020 of the Operating Budget of Austin Water.

Purchasing Language:

Ratification.

Prior Council Action:

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 Bianca Ontiveros, at 512-974-2939 or Bianca.Ontiveros@austintexas.gov <<mailto:Bianca.Ontiveros@austintexas.gov>>.

Council Committee, Boards and Commission Action:

January 14, 2021 - Reviewed by the Water and Wastewater Commission.

Additional Backup Information:

The contract was authorized to provide emergency cleaning and diffuser replacement in the aeration basin and the clarifier at the Dessau Wastewater Treatment Plant (WWTP). Services for this contract included all labor, equipment, materials and appurtenances such as tools, nozzles, hoses, personal protective equipment (PPE), dewatering containers, frac tanks, and instrumentation.

Dessau WWTP had significantly increased daily flow rates of ammonia loading and Biochemical Oxygen Demand loading also increased while the aeration base capacity had been reduced due to grit and rags, causing the clarifier to overturn solids. Laboratory analysis was performed, and the results concluded that the WWTP was exceeding its daily ammonia permit levels. As a result, the WWTP was shut down in order to bring

it back in compliance with the Texas Commission on Environmental Quality (TCEQ) standards. In order to avoid prolonged discontinuation of services from Dessau WWTP, an emergency procurement was requested by Austin Water with this contractor to clean the aeration base, replace the diffusers and the clarifier.

This request was processed as an emergency procurement to address the hazardous conditions being created by elevated ammonia levels and work was performed as soon as possible. Staff is now returning to council for ratification of the needed contract.

The contractor has completed cleaning and the ammonia levels have been restored to be within TCEQ permit levels.

Strategic Outcome(s):

Health and Environment.