



AWARD BID 24-44, CHLORINE ROOMS

RS-24-172

September 17, 2024

Background and Findings

- Texas Commission on Environmental Quality (TCEQ) mandates that any Public Water System (PWS) using chlorination must maintain a minimum residual disinfectant concentration of 0.5 mg/L.
- ▣ In a chlorine-based system; maintaining acceptable chlorine levels in drinking water is crucial for safeguarding public health and preventing waterborne diseases.

Background Cont.

- Additionally, Texas Administrative Code 290.42 requires that housing for chlorine cylinders be in separate buildings or rooms, with impervious walls separating them from other mechanical and electrical equipment, and that these housings be located above ground level for safety.
- ▣ The City currently utilizes six (6) chlorine booster stations that are used as the primary means to monitor and control residuals.

Chlorine Room

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Background Cont.

- ❑ Purchasing received three (3) responses for Bid 24-44, Chlorine Rooms on August 14, 2024, for rebuild of chlorine rooms at Bundrant Pump Station and Pump Station #4; as well as construction of a chlorine room at Rodeo Elevated Storage Tank.

Lonestar Maintenance & Service, Inc.	\$64,402
Seneca Construction Management, LLC	\$111,351
SSP Industries	\$206,080

Recommendation

- Authorize the award of Bid No. 24-44, Chlorine Rooms to Lonestar Maintenance & Service, Inc; authorize the City Manager, or designee, to execute a letter of agreement with Lonestar Maintenance & Service, Inc. in the amount of \$64,402 and furthermore, authorize the City Manager, or designee, to execute any and all change orders within the amounts set by State and Local law.