



**It's real.**

**MEMORANDUM**

**To:** Mayor and City Council Members  
Steve Parker, City Manager

**From:** Timothy J. Howe, Director – Water / Wastewater Utilities

**Through:** Rick Cortes, Deputy City Manager

**Subject:** Water Distribution Emergency Power Generators

**Date:** January 18, 2022

The City of Seguin is completing the requirements for the America’s Water Infrastructure Act of 2018 (AWIA), which included a comprehensive Risk and Resiliency Assessment (RRA) and an Emergency Response Plan (ERP). Subsequently, the Texas Legislature passed Senate Bill 3 (SB3) on May 30, 2021, which required more stringent emergency preparedness planning. The Texas Commission on Environmental Quality (TCEQ) enacted the enabling legislation, Texas Water Code 13.1394, which requires water systems to prepare and submit an Emergency Preparedness Plan (EPP) describing how they will provide water services with a minimum of 20 psi during an extended power outage lasting 24-hours or more.

While not a requirement of the TCEQ, the City proposes to install emergency genetators at five water locations to support the operation of the water system during times of extended power outages. One of these five generators will have the capacity to operate pumps that distribute water to the Highway 123 elevated storage tank (EST). The generators will operate on natural gas as a reliable source of fuel and lower maintance costs. The cost schedule is as follows:

|                        |                            |
|------------------------|----------------------------|
| Highway 123 EST        | \$ 6,959.00                |
| Ireland EST            | \$ 65,531.00               |
| Kingsbury EST          | \$ 54,531.00               |
| Lucille EST            | \$ 60,920.00               |
| Vetter Booster Station | <u>\$223,426.00</u>        |
| <b>Total</b>           | <b><u>\$411,367.00</u></b> |

LJ Power Inc. presented a quote for equipment and installation based on their current Buy-Board contract in the total amount of \$411,367.00. Funding is provided through Utility Fund Capital Projects and 2018 Utility Revenue Bonds. Staff recommends approval and will be available to answer any questions at the January 18, 2022 Council Meeting.