

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: Capital Equipment – Mobile Generator for Lift Station Emergency Response

Date: December 1, 2020

The City operates twenty-five lift stations within its sanitary sewer collection system. Multiple pumps are necessary at each lift station to convey wastewater flow to the wastewater treatment plants. The pumps depend on electric power at each lift station to operate properly.

The Texas Commission on Environmental Quality regulates the design and operation of publicly owned sanitary sewer collection systems including lift stations. Texas Administrative Code Chapter 217, Subchapter C, Section 217.63 – *Emergency Provisions for Lift Stations* require a source of backup power to prevent the discharge of wastewater during instances of prolonged power outages. Section 217.63(i) designates a portable generator as a source of backup power.

The City received a BuyBoard quote from Associated Supply Company, Inc. of San Antonio for a new Generac mobile generator model MDG100DF4 for \$60,560.00. Current funding is provided from the FY21 Utility Fund Capital Plan. Staff recommends approval of this and will be available to answer any questions at the Tuesday, December 1st, 2020 City Council Meeting.