



## CITY COUNCIL MEMORANDUM

**FROM:** The Office of the City Manager   **DATE:** December 13, 2021  
**SUBJECT:** Consider an agreement for engineering services with Freese & Nichols, Inc. in an amount not to exceed \$99,590.00 for a generator feasibility study for 13 city facilities.  
**PRESENTER:** Chris Amarante, Director of Facilities & Construction

### **SUMMARY:**

City Council is being asked to consider a professional engineering services agreement with Freese & Nichols, Inc. ("FNI") for a generator feasibility study for 13 city facilities in an amount not to exceed \$99,590.00.

### **GENERAL DESCRIPTION:**

Freese & Nichols, Inc. is currently working with Public Works on an Emergency Preparedness Plan as outlined in the 87<sup>th</sup> Texas Legislature (2021) passed Senate Bill 3. This plan requires the development/update and implementation of an emergency preparedness plan that demonstrates the utility's ability to provide emergency operations during extended power outage at a minimum water pressure of 20 pounds per square inch.

The purpose of the generator feasibility study is to provide a report evaluating the feasibility of electrical equipment upgrades as identified by the city. The project will evaluate each of the following 13 facilities:

- Animal Adoption and Rescue Center
- Park Operations
- Permeant Records/Public Works Training
- Facilities & Construction/Fleet Admin/Fire Maintenance
- Public Library
- NRH Centre/Grand Hall
- Public Works Operations/Fleet Maintenance
- NRH20 Pump House/Warehouse
- Fire Station #1
- Fire Station #2
- Fire Station #3
- Fire Station #4
- Fire Station #5



Upon completion of the study, FNI will render an electrical, structural, and civil report for each of the 13 facilities. Each facility's report will include the estimated size of the generator and automatic transfer switch; potential locations for electrical equipment; and a rough order of magnitude costs for electrical equipment upgrades and design. A final report will be compiled to show existing data and conditions, evaluations, calculations, and recommendations. The current work that FNI is doing on the Emergency Preparedness Plan makes them the best suited consultant for this project.

Funding for this project will be provided by the American Rescue Plan Act of 2021 (ARPA). Project schedules indicate a duration of five months to produce the generator feasibility study.

**RECOMMENDATION:**

Approve an agreement for engineering services with Freese & Nichols, Inc. in an amount not to exceed \$99,590.00 for a generator feasibility study for 13 city facilities.