



**CITY OF WASHINGTON, ILLINOIS**  
**City Council Agenda Communication**

**Meeting Date:** 05-03-2021

**Prepared By:** Brian Rittenhouse – Utilities Superintendent  
Kevin Schone – Public Works Director

**Agenda Item:** Collection System Liftstation Pump Purchases

**Explanation:** Lift stations are designed to have two pumps to share runtimes and for redundancy in an emergency. A pump that has failed can take weeks to get repaired/rebuilt, or it could take as long as 6 months for a new pump. Staff would like to avoid any potential interruption in pumping if the 2<sup>nd</sup> pump were to fail while the 1<sup>st</sup> pump was getting repaired or replaced. For this reason, staff believes there should be two working pumps and a backup pump that is ready to be installed when a failure occurs. Currently there are four different sizes of lift station pumps, 5 hp, 15 hp, 30 hp, and 40 hp. There are backups for the 15 hp and the 40 hp, therefore only a 5 hp and 30 hp would be needed.

**Fiscal Impact:** \$21,875 (not including shipping) of the \$30,000 budgeted for both pumps.

**Recommendation/**

**Committee Discussion Summary:** The city's lift stations were designed with Fairbanks Morse Pumps. The Fairbanks pumps are used at every lift station and for this reason staff recommends replacement with Fairbanks for redundancy.

**Action Requested:** Approval not to exceed the budgeted amount of \$30,000.