



CITY OF WASHINGTON, ILLINOIS

Public Works Committee 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 2nd pump were to fail while the 1st 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: Request moving to City Council for Approval.