



CITY OF WASHINGTON, ILLINOIS

City Council Agenda Communication

Meeting Date: November 1st, 2021

Prepared By: Brian Rittenhouse – Utilities Superintendent

Kevin Schone – Public Works Director

Agenda Item: Wastewater Treatment Plant Generator Purchase Consideration

Explanation: The Wastewater Treatment Plant Generator is original to the facility built in 1974. Staff Budgeted \$250,000.00 for the purchase, installation, and removal of the old Generator. Staff has been waiting on Strand to recommend a location for placement of the Generator, but have not heard back. Altorfer has indicated that it could be 40+ weeks for the generator to be built due to supply issues. On Thursday October 28th, Ameren had a power outage at 2 am that affected the WWTP. The generator faulted with an overspeed fault 4 times. Each time required a manual reset and restart of the generator. Altorfer sent a generator mechanic out to remedy the overspeed issue but let us know he would not be able to diagnose the issue unless the generator would have another overspeed issue while he was there. The mechanic also found an oil leak that he indicated would be a big undertaking to repair, and most likely due to metals found in the oil samples taken over the last couple years. This, and the age of the generator were reasons staff budgeted for replacement.

Fiscal Impact: Very likely, due to lead time, there would not be an impact to the FY 21/22 budget and \$250,000.00 would again be budgeted in account #501-000-800-3000 for FY22/23.

Recommendation/

Committee Discussion Summary: Staff recommends that we do not wait on a recommendation for location or cost for electrical hook up and move forward with the purchase of the recommended generator and transfer switch because of lead time. Altorfer is a member of Sourcewell which satisfies the competitive bid requirements.

Action Requested: Approval for purchase of a Cat 750 kw Gen Set with 1600A service rated automatic transfer switch from Altorfer Inc. of E. Peoria Il. at a NTE price of \$250,000.