

MEMORANDUM

DATE: March 30, 2021
TO: Honorable Mayor and City Commission
VIA: James Slaton, City Manager
FROM: Sarah B. Kirkland, Utilities Director
RE: PWC Water Plant Chlorination Conversion

SYNOPSIS: *The current chlorination system at the PWC treatment plant is currently gas. The conversion will change it to a much safer application.*

RECOMMENDATION

It is recommended that Commission take the following action:

1. Authorize entering into a piggyback agreement with Odyssey Manufacturing.
2. Authorize the chlorination conversion with Odyssey Manufacturing with PWC in the amount of \$48,525.00
3. Authorize the City Manager to execute the appropriate documents, on the City's behalf.

BACKGROUND

The City has recently completed the purchase of Park Water Company located in South Lake Wales. A due diligence report was performed to determine what, if any repairs would be needed upon purchase. These repairs were taken into consideration and the offer to purchase was adjusted accordingly. One of the repairs is to convert the plant from a gas chlorination treatment system to liquid sodium hypochlorite. This will make the City's newest water treatment plant process consistent with the entire City's other treatment plants. One additional thing to take into consideration is the safety factor associated with chlorine gas treatment. None of that safety equipment currently exists at the plant. This conversion is necessary due to it is the safest application of chlorination treatment in the industry. The treatment application currently used requires numerous safety precautions, which do not currently exist at the water plant. To stock the plant up properly with all the required equipment would be in excess of \$100,000.00. The conversion is the safest and most cost effective way to accomplish this.

Staff recommends the Commission take the following action, approve entering into a piggyback agreement with and approve expenditures of \$48,525.00 with Odyssey Manufacturing and to authorize the City Manager to execute the appropriate documents, on the City's behalf.

OTHER OPTIONS

The Commission could chooses not to approve the contract listed above, in turn putting these repairs off to a later time.

FISCAL IMPACT

The 2020-2021 Treatment plants M & R has appropriated \$90,000.00 for any required repairs.

ATTACHMENTS

Odyssey Manufacturing Piggyback Agreement
Odyssey Manufacturing PWC Conversion Price Quote
City of Davie Contract and bid documents