

**ROCHELLE CITY COUNCIL
AGENDA ITEM MEMO
REGULAR MEETING**

SUBJECT: Approve an Engineering Agreement with Willett Hoffman to design and construct the addition needed for Chemical Phosphorus Removal and replace the domestic lift station control panel.

Staff Contact: Adam Lanning

Summary: The City of Rochelle Water Reclamation would like to enter into an engineering agreement with Willett Hoffman and Associates for two upgrades needed. By 2030, the City of Rochelle Water Reclamation Department anticipates a Phosphorus limit on their NPDES permit. The plant currently utilizes biological phosphorus removal but expects that it will not be able to meet the demand set in future permit. To be prepared by 2030 to meet the demand, the City of Rochelle Water Reclamation Department would like Willett Hoffman and Associates to design and construct an addition to the current structures to house the bulk tank and day tank(s), all necessary piping, phosphorus analyzer and SCADA upgrades. This upgrade for chemical phosphorus removal will be the back up to biological phosphorus removal.

Upgrades are needed at the domestic lift station control panel. The current panel has electrical issues and one drive to operate three pumps. The City of Rochelle Water Reclamation would like to enter into an engineering agreement with Willett Hoffman and Associates to construct a new lift station control panel that will include VFDs for the existing lift station pumps and PLC controller that is connected to the WRP and SCADA system.

Funding Sources:

Source:	Budgeted Amount:	Proposed Expenditure:
Capital Improvement Fund	\$350,000.00	\$136,300.00

Strategic Plan Goal Application:

Recommendation: