



**City of New Port
Richey WWTP**

Memo

To: Robert Rivera, DPW Director

From: Roger Goodwin, WPC/Reuse Operations Manager

CC:

Date: 2/14/2019

Re: WWTP High Service Pumps

Robert,

Attached for your review is our recommendation for the addition of two new reclaimed water distribution pumps. This is a planned and budgeted expense.

Background:

The Water Reclamation Facilities division 111 "Reclaimed Water Production" currently uses 3 200 hp pumps (4,000 gpm) to distribute water out to our users and to the Pasco County System. Last year we produced and distributed over 1 billion gallons of reclaimed water. These pumps while still in good condition are 21 years old and are too small to meet current needs during storms when flows are high.

Rather than install one large pump as we had originally planned we have determined that installing two 300 HP 6000 gpm pumps will be more efficient and less costly. The additional capacity under certain circumstances will help us avoid a discharge to the bayou. Two of the old pumps will be left in place for use during normal flows. When they have reached the end of their serviceable life they will be replaced with pumps that match the new 6000 gpm pumps. As you know we have standardized on Wilo pumps for most applications, a sole source form is attached.

As with many other projects our staff will be essentially acting as the contractor on the job. This is the reason that there will be multiple purchase order requests for this project. We are purchasing the equipment and installing it ourselves. I have attached P.O. requests for the main components. As we get into construction there will be a few more P.O. requests for the electrical and mechanical parts to complete the work. The work will be completed within the approved budget.

Recommendation:

We recommend approval of the attached P.O. requests. This is a planned and budgeted expense. Pasco County will be responsible for 40% of the cost of this project in accordance with the interlocal agreement. Funds are available in 401111- 46399.