



Legislation Text

File #: 17-1605, **Version:** 1

ITEM: AUTHORIZATION TO AWARD A TASK ORDER TO PROVIDE ENGINEERING CONSULTING SERVICES FOR A REUSE MASTER PLAN

REQUEST: Authorization to approve a task order to Hazen Sawyer, P.C. to provide engineering consulting services for a Reuse Master Plan at a cost of \$148,610.00.

EXPLANATION: On August 8, 2017, Council awarded an engineering services contract (004-17/DZ) to multiple vendors. As a part of the solicitation, Hazen Sawyer, P.C. was selected as one of Wellington's engineering service providers. Staff is seeking authorization to utilize such contract with Hazen Sawyer, P.C. to provide engineering consulting services for a reuse master plan.

The Utility operates a 6.5 million gallon per day (MGD) at the Water Reclamation Facility off Pierson Road. This facility treats domestic waste from the Utility Service Area. All wastewater effluent is treated to Department of Environmental Protection's requirements for irrigation. The facility's DEP operating permit allows irrigation of golf courses, playgrounds, landscape areas, roadway medians and road right-of-ways. Irrigation of food crops is prohibited. Additionally, it permits discharge to the Peaceful Waters Wetlands Park. The permit also allows for the irrigation of Village Park, K-Park, Olympia Park, Tiger Shark Cove and the Community Park for a total of 1.11 MGD. Additionally, it allows for the irrigation of medians on Forest Hill from 441 to Wellington Trace, Greenview Shores from Wellington Trace to South Shore and South Shore Blvd from Forest Hill to Greenview Shores for a total of .15 MGD. All treated effluent not utilized for recharge of the wetland or irrigation, is disposed down the facility's deep injection well. Utilization of reuse water for permitted irrigation purposes is beneficial to the Village and the environment for the following reasons: 1) it is an important water conservation practice; 2) it can provide off-set credits from the South Florida Water Management District to obtain additional raw water capacity for the water treatment plant to meet ultimate system demands; 3) it provides beneficial recharge to the regional groundwater system; and 4) it is a commodity that can generate revenue for the Utility.

This task order with Hazen and Sawyer will result in a reuse Master Plan that will include the following components: identify potential reclaimed water customers and demands, develop mitigation measures of reclaimed water to surface water phosphorus loadings, evaluate alternative water supply offsets to increase consumptive use permit allocations, consider reclaimed water storage and pipeline distribution systems, evaluate funding opportunities and identify needed capital improvement components. Hazen and Sawyer is well qualified to perform this work. It is anticipated that the work will be completed within 10 months of a notice to proceed.

Staff recommends awarding a task order to Hazen Sawyer, P.C. to provide engineering consulting services for a Reuse Master Plan at a cost of \$148,610.00.

BUDGET AMENDMENT REQUIRED: NO

PUBLIC HEARING: NO

QUASI-JUDICIAL:

FIRST READING:

SECOND READING:

LEGAL SUFFICIENCY: YES

FISCAL IMPACT: Funds for this project are available in the Water Reclamation Facility capital project, 401-7053-536.65-11 project 201853.

WELLINGTON FUNDAMENTAL: Responsive Government

RECOMMENDATION: Authorization to approve a task order to Hazen Sawyer, P.C. to provide engineering consulting services for a Reuse Master Plan at a cost of \$148,610.00.