

AGENDA ITEM SUMMARY SHEET
VILLAGE COUNCIL MEETING
December 7, 2022

Agenda Item:

Reclaimed Water Feasibility Study

Motion to approve award of Supplemental Task Authorization 01 to Contract EC 2022-29 to Weston & Sampson to prepare a reclaimed water feasibility study for The Village of Estero for \$70,500.

Approve a \$7,100 contingency (10%) for additional services that may be required to complete the project.

Authorize the Village Manager to sign the STA and other additional implementing documents within the scope of the STA on behalf of the Village of Estero Council.

Background:

The Village of Estero and its residents have experienced challenges regarding the availability and quality of groundwater for both irrigation and potable water. As development continues within the Southwest Florida region these challenges will likely worsen over the next several years. Planning for and transition off groundwater sources will be important in addressing future water needs.

Description:

A potential alternative water sources for landscape irrigation is reclaimed water from the utility providers within Estero. Several communities within Estero and some of the Village's existing landscape projects (two sections of US 41) already use reclaimed water for irrigation. Expanding the use of reclaimed water for both Village of Estero roadway projects and resident irrigation would reduce some of the pressure on the limited groundwater resources.

A first step toward expanding reclaimed water use is to prepare a reclaimed water feasibility study to better understand how reclaimed water could be expanded within Estero.

The Village of Estero Staff has negotiated a contract (as allowed under CN 2022-06 Miscellaneous Professional Services) with Weston & Sampson Engineers, Inc. to prepare a reclaimed water feasibility study. The services include, but not limited to, the following.

1. Gathering Information (Irrigation Needs and Timeframe; Identify Available Reclaimed Water Lines/Potential Private Partners; Private Stakeholder Outreach).
2. Conceptual Master Planning (Preliminary Conceptual Master Planning; Preliminary Review Meeting with Village; Review Meetings with Public/Private Stakeholders; Draft Conceptual Master Plan Report; Final Conceptual Master Plan Report).

Action Requested:

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Approve a \$7,100 contingency (10%) for additional services that may be required to complete the project.

Authorize the Village Manager to sign the STA and other additional implementing documents within the scope of the STA on behalf of the Village of Estero Council.

Process and Timeline:

The project is expected to be completed in approximately 7 months after the contract is fully executed.

Financial Impact:

The fiscal impact is \$77,600 for the reclaimed water feasibility study. This includes \$70,500 for the contract approval and a 10% project contingency of \$7,100.

Prepared by: David Willems, P.E.

Attachments:

1. Weston & Sampson Engineers, Inc. Contract (STA -01)
2. Weston & Sampson Engineers, Inc. Ownership Disclosure