

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

FROM: Darlene Velez, Chief, Office of Water Resources

THRU: Tom Mirti, Deputy Executive Director, Water and Land Resources

DATE: July 31, 2020

RE: Task Work Assignment with Wood Environment and Infrastructure Solutions, Inc., for Water Quality and Biological Sampling

RECOMMENDATION

Authorize the Executive Director to enter a general environmental services task work assignment with Wood Environment and Infrastructure Solutions, Inc., to provide surface and groundwater chemistry sampling, and biological analyses for a total cost not to exceed \$239,898.32.

BACKGROUND

The District has operated a network of surface and groundwater sites for water quality, discharge, and biological monitoring and analyses since the late 1980s. The current water quality and biology networks have been managed through contractual services and will continue to include the following five tasks:

1. Water Chemistry Monitoring includes collecting field and water samples at 78 groundwater stations, 72 surface water stations, and 69 spring stations for a total of 664 water quality samples collected each year.
2. Coastal Salinity Network-Specific Conductivity Profiles includes vertical conductivity profiles at 10 coastal wells for monitoring saltwater intrusion and sea-level rise.
3. Aquatic Macroinvertebrate Monitoring includes sampling natural substrate at two surface water stations on the Santa Fe River using standard Florida Department of Environmental Protection Stream Condition Index methods.
4. Periphyton Monitoring includes deploying periphyton microscope slides rack samplers at five surface water stations and analyzing for cell counts, density, dry weight, and biomass.
5. Lake Vegetation Index includes collecting vegetation species and coverage data at nine lakes.

This task work assignment does not include laboratory chemistry analyses. These analyses will be provided by the St. Johns River Water Management District's laboratory through a separate agreement approved by the Board at the July 2020 Governing Board Meeting.

At the September 2019 Governing Board meeting, the Board authorized the Executive Director to enter contracts with qualified firms to conduct environmental and engineering services for the District. On June 26, a closed Request for Proposals (RFP) was released to the 12 pre-qualified firms under Chapter E - Environmental Data Collection and Assessments of the Engineering and Environmental Services Request for Qualifications (RFQ 18/19-025AE). A mandatory