

## SECOORA 2022 Request for Quotes: Surveyors for Southeast Water Level Sensor Network

The [Southeast Coastal Ocean Observing Regional Association](#) (SECOORA), a regional non-profit organization based in Charleston, SC, seeks contractors to survey approximately 70 water level stations located in North Carolina, South Carolina, Georgia, and Florida.

SECOORA's mission is to observe, understand, and increase awareness of our coastal ocean; promoting knowledge, and economic and environmental health through strong regional partnerships. SECOORA is supporting the installation and long-term operation of water level stations in the Southeast to better enable localized flooding alerts, improve community resilience, and monitor flooding hazards.

To enable comparison of water level data across sensors and geographies, it is essential to have each station surveyed to a common reference system. SECOORA is seeking contractors to work with SECOORA and our project teams to survey these water level stations using, at a minimum, [SECOORA's Standard Operating Procedures \(SOP\)](#). The SOP was developed in partnership with NOAA Center for Operational Oceanographic Products and Services (CO-OPS) and NOAA Geodetic Survey. For many sensor locations, you may not be able to survey directly to the sensor so you will need to place a temporary or permanent mark at a location where you can conduct repeatable occupations at the same spot. You may have to tape up or down to the sensor to acquire the offset measurement. For a subset of the surveyed stations, SECOORA team members will need to be present to observe methods and coordinate access to the sites.

### Station List (click below to download)

- [North Carolina Water Level Sensors](#) (.xlsx)
- [South Carolina Water Level Sensors](#) (.xlsx)
- [Georgia Water Level Sensors](#) (.xlsx)
- [Florida Water Level Sensors](#) (.xlsx)

### Required Qualifications:

- Person conducting the surveys must be a licensed professional surveyor.
- Experience with RTK/RTN with dual frequency GNSS antenna to conduct ellipsoidal surveys.
- Experience establishing benchmarks.

**Period of Performance:** Six month contract. Surveyor should propose a start date for the surveys and must complete surveys within 6 months of the start date. Start date is negotiable based on contractor scheduling requirements.

**To Apply:** Submit a statement of qualifications and a cost proposal as one PDF that includes:

1. Description of the surveyor or survey team's experience.
2. Identify the sites you propose to survey based on the water level sensor location list. You do not have to propose to complete all surveys in all states. You can propose a subset of the stations listed.
3. Identify the planned survey method. Note that the [SECOORA SOP](#) is the minimal accepted survey method.
4. Identify the cost per site and the total proposed contract value.

5. List the start date and the anticipated end date for conducting all the surveys for the locations identified.
6. All files for benchmarks and sensor sites must be appropriately labeled by site and provided to the SECOORA project team in .gvx format. Please specify that the contractor can provide RTK data for each site in .gvx format.
7. SECOORA has an example [field data sheet](#) to use as a guide. Completed field datasheets for each site, including photos and descriptions of the benchmarks, must be provided to the SECOORA Deputy Director. Please acknowledge or include a statement that all field data sheets will be submitted to SECOORA as part of your cost proposal. Digital copies as Word docs are required.
8. Provide 2 references (name, email, phone) for survey projects you have completed within the last 3 years.

**Deadline to Apply:** December 9, 2022 by 5:00 PM ET

**For questions and to apply, contact:** Jennifer Dorton, SECOORA Deputy Director, at [jdorton@secoora.org](mailto:jdorton@secoora.org)