

HRPDC Sensor Proposal – Maintenance Plan

The HRPDC has incorporated lessons learned from previous sensor projects into this proposal. Specifically, this proposal will utilize an existing data management platform and dashboard that is already in use by several local governments and the Virginia Department of Emergency Management instead of establishing a new platform. This will help reduce long-term costs and increase the likelihood of ongoing service. In addition, this proposal will emphasize the use of sensors that are more rugged and less directly exposed to the elements, which should increase longevity and lessen the need for extensive maintenance.

Annual maintenance, including preventive maintenance and the acquisition of spare parts ahead of time, is an integral part of the proposal and has already been discussed with the selected contractor. The cost estimate includes annual maintenance that includes a cloud service/telemetry subscription, planned on-site maintenance, and a spare parts reserve. These projected costs are currently within the annual budget for the HRPDC's Coastal Resilience Program, which should be able to maintain the project for the foreseeable future beyond the two years included in this proposal.