



COASTAL ENVIRONMENTAL SYSTEMS, INC.

FOR IMMEDIATE RELEASE:

DELIVERY BEGINS ON CONTRACT AWARD

Aviation Software and Multi-sensor Weather Stations Ready for Delivery to 85 New Sites.

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Seattle, WA - Coastal has recently been awarded a contract for 85 plus Aviation Weather Stations covering a large part of an undisclosed country. Many of the stations are in remote, unmanned locations and thus need to be fully automated with multiple interface tie-ins to government and non-government agencies in order to disseminate the data for both general weather and aviation purposes. Interfaces include both outgoing data as well as ingesting data from some existing sources (RVR and Lightning) to combine into a consistent METAR/SPECI message.

“Complete Automation combined with simple graphical Remote Maintenance Monitoring were critical,” commented Tim Parker, Coastal’s VP of New Product Development. “Another big issue was making certain the algorithms were absolutely correct. When you have no one there to confirm the data coming out of the system – you have to make sure you can rely on it. We worked together with the customer for more than 18 months perfecting the ICAO algorithms and comparing the results to professional human observers until we honed them to the be best they can be.”

“I’m certain a better set of inclement weather algorithms do not exist” concluded Julie Webster, Coastal’s chief software architect. “We had to go way beyond the single sensor algorithms and actually combine data from multiple sensors or verify one output with others before concluding conditions actually were as reported from any single sensor.”

There are two types of systems, one a full AWOS and one a reduced set of sensors.

Coastal will begin delivering the systems in March.



A version of the system is on an icy test airfield.

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