

Escambia County Water Quality and Land Management- Multiparameter Water Quality Meter/Probe and Level Logger with Telemetry Request for Quotes

Escambia County Water Quality and Land Management (WQLM) is requesting quotes for purchase of a Multiparameter Water Quality Meter/Data Probe and Level Logger with Telemetry. The Meter/Data Probe and Level Logger must be suitable for surface water and groundwater monitoring following FDEP Field SOPs (References, Page 4). The water quality meter should be compliant and compatible with FDEP SOPs for field meters (References, Page 4).

Components should be listed in the quote as separate lines per item or multiple lines per item if needed. Estimated quantities are listed for each item. Actual quantity will depend on project requirements. Actual quantities for individual line items could be none. Please provide quote on company letterhead. Quotes for this request should be provided in a format that allows for this system to be purchased in part or in whole. Quotes should be structured with components as line items, with an adjustable unit multiplier to allow for various quantities, to include "0" or none. All quotes must include a date, name and title of submitter, submitter email, submitter phone number, and company address.

Alternative equipment must be submitted for determination of equivalency. Submitters must provide, for the alternative equipment, the manufacturer and the item model name/number. Alternative equipment is acceptable, if deemed equivalent. If a vendor would like to submit a quote with alternative equipment please contact Matthew Kelly (mtkelly@myescambia.com 850-595-1871) prior to the request deadline. If more than one item is considered equivalent, please provide separate, individual quotes in a single submission.

The delivery destination of the system is the Central Office Complex, 3363 West Park Place, Pensacola, FL 32505. All additional charges and fees (for example processing/shipping/delivery) should be listed as line items on the quote, if applicable. Please note that Escambia County is exempt from Sales Tax.

Any questions and correspondence regarding this request, including alternative equipment, must be submitted to Matthew Kelly (mtkelly@myescambia.com 850-595-1871).

Request for Quote Deadline: Friday, March 5th at 5:00 PM CDT

Multiparameter Water Quality Meter/Data Probe Specifications

Item 1: Multi-Parameter Probe, In-Situ Aqua TROLL 400 Bundle with 30' Cable

A multi-parameter probe with conductivity, dissolved oxygen, ORP, pH, temperature, and water level sensors. Also, includes cable and communication device for data transfer to a wireless device.

Item 2: Level Logger, Level TROLL 700H 15 Psig (Meets OSW Spec)

A vented pressure transducer capable of measuring water level/stage to USGS Office of Surface Water specifications.

Item 3: Cellular Telemetry for Level Logger, VuLink CI

A telemetry system that can communicate with and transmit data to the cloud from items 1 and 2 by cellular.

Item 4: Aqua TROLL 400 Pelican Case (W/Foam Insert)

Item 5: Telemetry Antenna

Item 6: Telemetry Battery

Item 7: 100' Vented Twist Lock Cable for Level Logger

Item 8: 25' Vented Twist Lock Cable for Level Logger

Item 9: Well Dock for 2" Well

Item 10: Venting Locking Well Cap for 2" Well

Additional Items (List as Separate Line Items): Any optional warranties, service plans, calibration, or services offered for the above items offered by the vendor.

Itemized List of Components

Description	Estimated Quantity	Units of Measure	Are Substitutions Allowed?
Item 1: Multi-Parameter Probe, In-Situ Aqua TROLL 400 Bundle with 30' Cable	1	Each (EA)	Yes
Item 2: Level Logger, Level TROLL 700H 15 Psig (Meets OSW Spec)	2	Each (EA)	Yes
Item 3: Cellular Telemetry for Level Logger, VuLink CI	2	Each (EA)	Yes
Item 4: Aqua TROLL 400 Pelican Case (W/Foam Insert)	1	Each (EA)	Yes
Item 5: Telemetry Antenna	2	Each (EA)	Yes
Item 6: Telemetry Battery	2	Each (EA)	Yes
Item 7: 100' Vented Twist Lock Cable for Level Logger	1	Each (EA)	Yes
Item 8: 25' Vented Twist Lock Cable for Level Logger	1	Each (EA)	Yes
Item 9: Well Dock for 2" Well	2	Each (EA)	Yes
Item 10: Venting Locking Well Cap for 2" Well	2	Each (EA)	Yes
<u>Additional Items (List as Separate Line Items)</u>			Yes

References

All FDEP Field SOPs can be found at <https://floridadep.gov/dear/quality-assurance/content/dep-sops>

FDEP Sampling SOPs

General Water Sampling (FT 2000)

https://www.flrules.org/gateway/readRefFile.asp?refId=7954&filename=FS%202000_Jan2017.docx

Surface Water Sampling (FT 2100)

https://www.flrules.org/gateway/readRefFile.asp?refId=7955&filename=FS%202100_Jan2017.docx

Groundwater Sampling (FT 2200)

https://www.flrules.org/gateway/readRefFile.asp?refId=7956&filename=FS%202200_Jan2017.docx

Field Measurement of Stage, Surface Water Velocity, and Discharge (Flow) and
Computation of Streamflow (FT 1800)

https://www.flrules.org/gateway/readRefFile.asp?refId=7974&filename=FT%201800_Jan2017.docx

FDEP Meter SOPs

Field Testing General (FT 1000)

https://www.flrules.org/gateway/readRefFile.asp?refId=7966&filename=FT%201000_Jan2017.docx

Field pH (FT 1100)

https://www.flrules.org/gateway/readRefFile.asp?refId=7967&filename=FT%201100_Jan2017.docx

Field Specific Conductance (FT 1200)

https://www.flrules.org/gateway/readRefFile.asp?refId=7968&filename=FT%201200_Jan2017.docx

Field Salinity (FT 1300)

https://www.flrules.org/gateway/readRefFile.asp?refId=7969&filename=FT%201300_Jan2017.docx

Field Temperature (FT 1400)

https://www.flrules.org/gateway/readRefFile.asp?refId=7970&filename=FT%201400_Jan2017.docx

Field Dissolved Oxygen (FT 1500)

https://www.flrules.org/gateway/readRefFile.asp?refId=7971&filename=FT%201500_Jan2017.docx