

## **Escambia County Water Quality and Land Management- Multiparameter Water Quality Meter/Sonde Request for Quotes**

Escambia County Water Quality and Land Management (WQLM) is requesting quotes for purchase of a Multiparameter Water Quality Meter/Data Sonde. The Meter/Data Sonde 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](mailto:mtkelly@myescambia.com) 850-595-1871) prior to the request deadline. . If more than one meter is considered equivalent, please provide 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 processing/shipping/delivery charges and fees should be listed as a line items on the quote. 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](mailto:mtkelly@myescambia.com) 850-595-1871).

**Request for Quote Deadline: Wednesday, May 6<sup>th</sup> at 5:00 PM CDT**

## **Multiparameter Water Quality Meter/Data Sonde Specifications**

### Item 1: In-Situ Aqua TROLL 500 Multiparameter Sonde, Vented 0-30m (SKU 50770)

Housing and instrumentation for user replaceable water quality sensors. Unit should be able to measure depth/level with a vented level transducer. Desire maximum depth range is approximately 30 meters or 100 feet. Unit should be capable of accepting a minimum of 4 water quality sensors. Optional: Unit should be capable of logging data from and powering sensors independently.

All following components must be compatible with the system above.

### Sensors

Item 2: Aqua TROLL Temperature/Conductivity Sensor (SKU 63460)

Item 3: Aqua TROLL pH/ORP Sensor (SKU 63470)

Item 4: Aqua TROLL RDO Sensor includes RDO-X Cap, Optical Dissolved Oxygen (SKU 63450)

Item 5: Aqua TROLL Turbidity Sensor (SKU 63480)

### Additional Components

Item 6: Aqua TROLL Wiper Port Plug (SKU 64630)

Item 7: Aqua TROLL Wiper (SKU 63500)

Item 8: Wireless Troll Com, Twist Lock/Cable Connect Version (SKU 31240)

Items 9: Rugged Twist-Lock Cable, Vented 60 ft (SKU 0052000)

Items 10: Rugged Twist-Lock Cable, Vented 25 ft (SKU 0052000)

Item 11: Small Reel

Item 12: Reference Junction Kit for pH/ORP Sensors (SKU 0059620)

Item 13: Maintenance Kit (SKU 0060000)

Item 14: Pelican Storage Case (SKU 0071900)

Item 15: Extended Warranty (3 Year)

Item 16: Aqua TROLL Low-Flow Kit (SKU 0066820)

## Itemized List of Components

Description	Estimated Quantity	Units of Measure	Are Substitutions Allowed?
<b>Item 1: In-Situ Aqua TROLL 500 Multiparameter Sonde, Vented 0-30m (SKU 50770)</b>	1	Each (EA)	Yes
<b>Item 2: Aqua TROLL Temperature/Conductivity Sensor (SKU 63460)</b>	1	Each (EA)	Yes
<b>Item 3: Aqua TROLL pH/ORP Sensor (SKU 63470)</b>	1	Each (EA)	Yes
<b>Item 4: Aqua TROLL RDO Sensor includes RDO-X Cap, Optical Dissolved Oxygen (SKU 63450)</b>	1	Each (EA)	Yes
<b>Item 5: Aqua TROLL Turbidity Sensor (SKU 63480)</b>	1	Each (EA)	Yes
<b>Item 6: Aqua TROLL Wiper Port Plug (SKU 64630)</b>	1	Each (EA)	Yes
<b>Item 7: Aqua TROLL Wiper (SKU 63500)</b>	1	Each (EA)	Yes
<b>Item 8: Wireless Troll Com, Twist Lock/Cable Connect Version (SKU 31240)</b>	1	Each (EA)	Yes
<b>Items 9: Rugged Twist-Lock Cable, Vented 60 ft (SKU 0052000)</b>	1	Each (EA)	Yes
<b>Items 10: Rugged Twist-Lock Cable, Vented 25 ft (SKU 0052000)</b>	1	Each (EA)	Yes
<b>Item 11: Small Cable Reel</b>	1	Each (EA)	Yes
<b>Item 12: Reference Junction Kit for pH/ORP Sensors (SKU 0059620)</b>	1	Each (EA)	Yes
<b>Item 13: Maintenance Kit (SKU 0060000)</b>	1	Each (EA)	Yes
<b>Item 14: Pelican Storage Case (SKU 0071900)</b>	1	Each (EA)	Yes
<b>Item 15: Extended Warranty (3 Year)</b>	1	Each (EA)	Yes
<b>Item 16: Aqua TROLL Low-Flow Kit (SKU 0066820)</b>	1	Each (EA)	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](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](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](https://www.flrules.org/gateway/readRefFile.asp?refId=7956&filename=FS%202200_Jan2017.docx)

### FDEP Meter SOPs

Field Testing General (FT 1000)

[https://www.flrules.org/gateway/readRefFile.asp?refId=7966&filename=FT%201000\\_Jan2017.docx](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](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](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](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](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](https://www.flrules.org/gateway/readRefFile.asp?refId=7971&filename=FT%201500_Jan2017.docx)