SOLE SOURCE JUSTIFICATION FOR   
ACQUISITIONS UNDER THE SIMPLIFIED ACQUISITION THRESHOLD

1. In accordance with Federal Acquisition Regulation 13.106-1(b)(1), I hereby determine that the acquisition of a YSI EXO2s Sonde with Conductivity, Temperature, pH, Optical DO, Turbidity, Chlorophyll, Phycocyanin, fDOM, and a wiper, listed on PR-ORD-22-XXXX is available from only one source, and competition is precluded for the reasons indicated below. First, there are no other multi-parameter sondes capable of providing all of these measures that are comparable to existing flow through measurement systems and second, several YSI EXO2s are already in use at Atlantic Coastal Environmental Sciences Division (ACESD) and this purchase compliments those systems.
2. This acquisition is restricted to the following source:

Company:  YSI Incorporated

Company Address: 1725 Brannum Lane, Yellow Springs, OH 45387

Company Point of Contact and Phone Number: Ben Clarke, (727) 565-2201 x806

1. The total estimated value is $35,550 and required to be purchased NLT 30 May 22.
2. Researchers at the Atlantic Coastal Environmental Sciences Division (ACESD) have several existing water quality buoy systems that quickly (e.g. real-time or near real-time) collect water quality data for many parameters and meet accuracy and precision requirements. Multi-parameter sondes provide this ability on the these systems. We currently have two multi-parameter sondes; however we need the ability to swap those sondes with freshly calibrated sondes several times per field season. Thus, we need to acquire two additional and identical YSI EXO2s sondes with Conductivity, Temperature, pH, Optical DO, Turbidity, Chlorophyll, Phycocyanin, fDOM, and a wiper.
3. Check and fill in all that are applicable:

The material or service must be compatible in all aspects (form, fit, and function) with existing systems presently installed. The current equipment is <*insert description of current equipment*>, and the new item/service must coordinate, connect, or interface with the existing system by <*insert description of how the new item/service must coordinate or interface*>.

A patent, copyright, proprietary data, or licensing agreement limits competition. The proprietary data are described as follows:

These are "direct replacement" parts/components for existing equipment.

Other information to support a sole-source buy:

1. An intent to sole source notice (68HE0B19Q0075) was posted on FedConnect from 10 Sep 19 – 19 Sep 19 and no other vendors were identified that could meet this requirement.
2. Market Research was conducted by the Contracting Officer to determine if there are any known contractors that can meet this requirement and showed no other vendors could meet these requirements.

**CERTIFICATION**

I certify that statements checked and information provided above are complete and correct to the best of my knowledge. In accordance with FAR 13.106-1(b)(1). The facts of this acquisition preclude the use of full and open competition.

24 Sep 19

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William Sahli Date

Contracting Officer

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Kathryn P. Barton, Acting Chief Date

Simplified Acquisitions Branch