JUSTIFICATION FOR SOLE SOURCE
(Simplified Procedures - MPT to ≤ SAT)

Purchase Request/Document number: [redacted]

The supplies or services described herein are being solicited on a sole source basis and competition is precluded in accordance with FAR 12.102(a) for reasons indicated below. There are no substitutes available for the supplies or services.

Restricted to the following source

☐ **Service:**

Contractor:	
Cage Code:	

☒ **Supply:**

Original Manufacturer Name:	Nortek USA, Inc.
☐ Check here if obtaining product through authorized resellers of the manufacturer.	

Description of the supplies or services required, the estimated price/cost, and required delivery date or period of performance.

The instant requirement is for one (1) Doppler Velocity Logger (DVL) in support of the United States Naval Academy (USNA) Weapons, Robotics, and Control Engineering Department.

CLIN	Description	QTY	U/I
1	One Doppler Velocity Logger with the following specifications: 1.1 Long Term Accuracy:0.1% 1.2 Min/Max Altitude: 0.1/75 meters 1.3 Velocity Resolution: 0.1mm/s with single ping STF of 0.8 cm/s 1.4 Max Ping Rate: 8hz 1.5 Housing Size: 144mm D, 158mm H 1.6 Depth Rating: 300 meters 1.7 Number of beams: 4 beams in a Janus Array with 25 degree beam angle 1.8 Input Voltage: 12-48 volts 1.9 Max Current: 1.5 Amps 1.10 Weight in air: 1.7 kg 1.11 Weight in water: 0.3kg 1.12 Acoustic Frequency: 1MHz	1	Each

The Independent Government Estimate is: [redacted]

Anticipated Delivery Date: 8/15/2026

In conclusion, the requested supplies or services represent the minimum requirements of the government.

Describe in detail why only this source(s) can furnish the requirements to the exclusion of other sources.

The Doppler Velocity Loggers are direct replacements for existing hardware and must be compatible with existing systems. Nortek USA, Inc. is the only source capable of providing a DVL with the required frequency, dimensions, weight, and accuracy.

☒ The supplies or services must be compatible in all aspects (form, fit and function) with existing systems presently installed/performing. Describe the equipment/function you have now and how the new item/service must coordinate, connect, or interface with the existing system.

The specified hardware interfaces with onsite software and hardware systems. This request is for a second Doppler Velocity Logger (DVL) to act as a spare for the same exact equipment we have already purchased in contract N0018924P2226 from Nortek. If the same vendor were not selected to provide exactly the same equipment as purchased before, USNA would have to (1) completely redesign the system integration for this DVL and (2) be forced to maintain two duplicate systems with different spare parts. This would directly impact USNA's mission capability and require additional training and resources to support using another manufactures DVL.

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

This instant requirement is for the direct replacement of a Nortek USA Inc DVL. The design, implementation, and support required for an alternative product will require additional financial support and significant personal hours that are outside of the near-term requirements for this project. Purchase of an alternative system will delay deliverable timelines negatively impacting research and project-based-learning objectives.

TECHNICAL/REQUIREMENTS CERTIFICATION:

I CERTIFY THAT THE INFORMATION PROVIDED ABOVE IS COMPLETE AND ACCURATE TO THE BEST OF MY KNOWLEDGE. I UNDERSTAND THAT THE PROCESSING OF THIS SOLE SOURCE JUSTIFICATION PRECLUDES THE USE OF FULL AND OPEN COMPETITION.

[redacted]

Signature Date

United States Naval Academy
Requiring Activity

I HEREBY DETERMINE THAT THE CIRCUMSTANCES JUSTIFYING ONLY ONE SOURCE IS REASONABLY AVAILABLE APPLIES TO THE CONTRACT ACTION.

WITZ.CODY.SCOTT.1179081799 Digitally signed by WITZ.CODY.SCOTT.1179081799

Contracting Officer Signature Date

Cody Witz
NAVSUP Fleet Logistics Center, Norfolk Contracting Department Fleet Directorate