

JUSTIFICATION FOR SOLE SOURCE (Simplified Acquisitions <\$150K)

The service or material listed on N4264516RX001FR is sole source and competition is precluded for reasons indicated below. There are no substitutes available for this material or service.

Restricted to the following source. Provide original manufacturer's name. (If a sole source manufacturer distributes via dealers, ALSO provide dealer information.)

Manufacturer: Dewey Electronics

Manufacturer POC & phone nr. Eve Wojeichowski 201-331-4700 Ext 123

Mfr. address 27 Muller Road, Oakland NJ 07436

Dealer / Rep _____

Dealer / Rep address / phone nr. _____

Description of the item or service required, the estimated cost, and required delivery date.

In order to repair Rodmeters 6605-00-209-2955, P/N 70011-503, sensing elements are needed. A quantity of 34 elements are required at a total cost of _____ The required delivery date is as soon as possible.

Specific characteristics of the material or service that limit the availability to a sole source (unique features, function of the item, etc.). Describe in detail why only this suggested source can furnish the requirements to the exclusion of other sources.

A Pitometer log is a type of navigation tool used in ships for measuring the ship's speed relative to water. An integral part of dead reckoning system, the pitometer log is used for both ships and submarines. All of the navigational equipment that is used for measuring ship's speed are known as logs. Pitometer log is one such navigational equipment that is used to calculate a ship's speed relative to water. The three main components of a pitometer log are:

Rodmeter – Also known as pit sword, the rodmeter is the long, sword-like part of the pitometer that protrudes from the hull of the ship.

Sea Valve – A valve that is used to prevent the ingress of water into the ship from the rodmeter, generally when it is changed or taken out.

Indicator Transmitter – Converts the measured parameters to voltage for displaying the ship's speed.

The required sensing element is a part of the rodmeter, and the sensing element enables the rodmeter to generate a voltage proportional to the velocity of the ship/submarine through the water. The sensing element is the primary component of the Underwater Rod Meter (NSN 6605-00-209-2055). The Rod meters are Mil-Spec devices and; therefore, vendors shall be certified via the Qualified Products List (QPL) certification process.

The original manufacturer of the Underwater Rod Meter was Gould Inc, which sold its rights to Dewey Electronics Corp. Therefore, Dewey Electronics is the only known qualified supplier of the end item and all sub-assemblies. As the requirement calls for a subassembly of the Rodmeter to be manufactured (the sensing element) Dewey Electronics is the only manufacturer and the only source qualified to do so. Dewey Electronics is also qualified under MIL-U-180331F, the military specification for underwater log equipment.

The requested material or service represents the minimum requirements of the government.

This material will meet the minimum requirements of the government.

CHECK & FILL IN ALL APPLICABLE BLANKS BELOW

The material/service 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.

These sensing elements must fit and function with existing Dewey Electronics Rodmeters already in place with the fleet submarines, and interface with the log systems measuring underwater speed.

A patent, copyright or proprietary data limits competition. The proprietary data is _____

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

This sensing element is a direct replacement for the expired/broken elements in place.

Other information to support a sole source buy:

I CERTIFY THAT STATEMENTS CHECKED, AND INFORMATION PROVIDED ABOVE, ARE COMPLETE AND CORRECT TO THE BEST OF MY KNOWLEDGE. I UNDERSTAND THAT THE PROCESSING OF THIS SOLE SOURCE JUSTIFICATION PRECLUDES THE USE OF FULL AND OPEN COMPETITION.

Signature *[Signature]* Title Supply Tech

Activity NMC CED Date 12/11/15

Ordnance System Eng

Contracting Officer Signature *[Signature]* 12/15/15