

**NONCOMPETITIVE PROCUREMENT JUSTIFICATION**  
**(Simplified Acquisition Procedures (SAPs) Micropurchase Threshold to \$150K)**

The service or product(s) listed on requisition(s) below is/are precluded from competition for reasons indicated below.

There are no suitable substitutes available.

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

Manufacturer: Polarity, Inc. [REDACTED]

Manufacturer's Dealer/Rep: Polarity, Inc. [REDACTED]

Description of the product or services required, the estimated cost, and required delivery date (products) or Period of Performance (services). Solid State High Voltage Switches (SSHVS) 5930-01-560-4413 P/N 8242921-001 requiring evaluation and repair. Qty. 7 each for evaluation and repair. Total estimated cost for Evaluation & Repair [REDACTED] 45 days ARO.

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

Polarity, Inc. is the original equipment manufacturer (OEM). Polarity is the only vendor that can properly evaluate the units and then provide the repair services for these units in a timely and cost effective manner. Because Polarity has the proprietary drawing package, knowledge, expertise, test equipment, and test procedures needed to perform the evaluations and repairs/upgrades therefore deviations from the OEM are not technically feasible due to the impact on the [REDACTED] system and fleet operations. These power supplies are the only power supplies that can integrate within the solid state modulators (must integrate with existing equipment in terms of form, fit, function, and compatibility.) This equipment is integrated into the [REDACTED] System. These repairs are required to support the US Navy [REDACTED], as well as their regular daily operations.

For non-personal services indicate the highly technical or specialized expertise required. Describe the contractor's workforce, methods, materials or unique management or operating systems. If it is unique because of knowledge of key individuals, what is the basis of the knowledge that another firm could not obtain the same or equivalent expertise? Could another firm obtain the necessary highly specialized experience or technical capability in time to perform the requirement?

The required product(s) or service(s) represent(s) the minimum requirements of the Government and no other product(s) or service(s) can satisfy the need.

**FILL IN ALL APPLICABLE BLANKS BELOW**

The product(s) must be compatible in all aspects (form, fit, and function) with existing systems presently installed. Describe the equipment you have **now** and **how** the new item/service must coordinate, connect, or interface with the existing system. The repaired asset must be form, fit, and function to the OEM specifications in order for the unit to perform and interface with the solid state modulators.

Patent rights, copyrights, trade secrets, technical data, secret processes, or other propriety data essential for contract performance limits competition. The proprietary data is: Polarity Inc. owns proprietary data to include drawing package, knowledge, expertise, test equipment, and test procedures needed to perform the evaluations and repairs/upgrades.

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

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 [REDACTED]

Code [REDACTED]

Title [REDACTED]

Date 11/01/2012

Based on review of the above statements and information, I concur with processing this procurement on a noncompetitive basis.

Contracting Officer Signature HELTON.REBECCA.L.127  
9849929

Digitally signed by HELTON REBECCA.L.1279849929  
DN: c=US, o=U.S. Government, ou=U.S. Government, ou=USN, cn=HELTON.REBECCA.L.1279849929  
Date: 2012.11.01 10:29:24 -0400