

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: [REDACTED]
Rebuild Source: [REDACTED]
Manufacturer's Dealer/Rep: N/A

Description of the product or services required, the estimated cost, and required delivery date (products) or Period of Performance (services). This procurement is for the rebuild of Switch Tubes [REDACTED] and upgrade of [REDACTED] used in the [REDACTED] and rebuild of [REDACTED] for use in the [REDACTED] for the [REDACTED] - specifically [REDACTED]. Switch tubes are used in the transmitter cabinets to supply the other Microwave Tubes in the cabinets with the appropriate current pulse which results in the ability of the [REDACTED] to perform it's mission of Search, [REDACTED].

[REDACTED]

Total estimated prices is [REDACTED]

Delivery is required by [REDACTED]

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. The specifications [REDACTED] require the Switch Tubes used in the [REDACTED] [REDACTED] be proven to meet all requirements (Certified/Qualified) of the specifications prior to production or rebuild. These specifications were developed based on the [REDACTED] performance requirements. The overall [REDACTED] requirements developed in [REDACTED] were based on the criticality of the [REDACTED] purpose which was to provide [REDACTED] threats for Battlegroups of ships as well as support for warfighters both on land and sea. The [REDACTED] was and still is the most sophisticated [REDACTED] suite in the Navy. The switch tubes are critical to the overall performance of the [REDACTED]. If the switch tubes do not perform as specified, the ability to [REDACTED] is diminished or lost. The specifications [REDACTED] which must be met to be considered certified/qualified which will provide only proven products for this critical requirement. In general this certification/qualification consists of electrical testing, environmental testing and operating and shelf life tests. Timeframe for a source other than [REDACTED] to become qualified is estimated to be 4 to 4.5 years and cost approximately \$540,000. Breakdown is as follows:

- Engineering Development - 12 months - \$200,000
- Engineering Samples (10) - 6 months - \$40,000
- Testing
- Electrical - 3 months - \$20,000

Environmental - 6 months - \$250,000
Operating Life 24 months - \$20,000
Shelf Life - 24 months - \$10,000 (this will run concurrently with Operation Life)

Total time required - 51 months
Total duplication of cost - \$540,000

NSWC Crane is the In [REDACTED] microwave tubes of which the switch tubes are a part. The [REDACTED] whether a product has met the certification/qualification requirements. [REDACTED] is the only source who is currently certified/qualified for rebuild of this product. These tubes are currently one of the five top cost drivers for operation of the [REDACTED] due to the high usage. Use of an unproven product is an unacceptable risk that directly affects the operating costs to the [REDACTED] can provide the rebuild of the Switch Tubes in the timeframe required.

The Government does not have the data rights for the design drawings or processes but only has the performance and interface specifications [REDACTED]. [REDACTED] holds the design rights to the production design which includes manufacturing processes. [REDACTED] holds the design and process rights to the rebuild portion of the design.

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. These tubes are components within the [REDACTED] and have performance and interface requirements to ensure the tubes will physically fit into the System, meet weight restrictions, and will contribute to the System performance in the appropriate fashion. The components of the System all must perform to their individual specifications in order for the System to perform to the higher level requirement.

Patent rights, copyrights, trade secrets, technical data, secret processes, or other propriety data essential for contract performance limits competition. The proprietary data is: Design and process data is proprietary to [REDACTED] Only a performance and interface specification is available for procurement [REDACTED]

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

Other information to support a sole-source buy: [REDACTED] describe the interface (physical requirements) and the performance requirements. This is a modified commercial item. The commercial equivalent is [REDACTED] The primary modification to the commercial product is the physical interface with the [REDACTED] The [REDACTED] is still listed as a commercial product.

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 *Debra E Ramsey*

Code GXRT

Title *Asst. Admin / Tech Specialist*

Date 5 DEC 2012

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

Contracting Officer Signature *Don Till*

Date *12/11/12*