

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: Cobham Sensor Systems

Manufacturer's Dealer/Rep: [REDACTED]

Description of the product or services required, the estimated cost, and required delivery date (products) or Period of Performance (services). Cavity Backed Spiral Antennas, P/N's AST-1492BB (10 each) and AST-1492B (20 each) – These circular polarized antennas are used as integral components of test antenna assemblies for the production effort of the [REDACTED] Antenna Test System (ATS). ATS is O-level (Organizational-level) support equipment (SE) that allow navy personnel to perform diagnostics of [REDACTED] antennas and RF cabling onboard Navy [REDACTED] aircraft.

The AST-1492BB antenna cost is [REDACTED] each. AST-1492B is [REDACTED] each. Effort total is [REDACTED] Delivery date for both is 20 weeks 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. Cobham is the sole designer and manufacturer of the two cavity backed spiral antennas used in the manufacture of the ATS test antenna assemblies. These particular antennas are currently used on 12 production ATS systems deployed in the fleet. During a 1 year development effort of the test antennas, the government conducted market research of spiral antennas to obtain quotes, specifications, reliability numbers, testing, etc for commercial products. Cobham's spiral antennas were chosen as the best solution based on past history, reliability, cost, size, weight, gain, beamwidth, and overall performance. The production ATS test antenna assemblies were designed around embedding the Cobham spiral antennas. To develop a second source would require updates to existing ATS drawings and would require purchase of proprietary data from Cobham. Additionally, requirements documents would need to be generated and acceptance test procedures would have to be developed to qualify a new source. It is estimated that it would cost the Government in excess of \$ [REDACTED] and take 12 months to fully qualify.

The Government does not own a Technical Data Package (TDP) suitable for a full and open competition of these antennas. At this time, there are no funds to support a procurement of a Level III drawing package, reverse engineering effort, or licensing agreement, since a source of manufacturing already exists. Furthermore, the Government does not intend to seek funding for a TDP due to cost and schedule.

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 spiral antennas are integral components embedded into handheld test antenna assemblies. These test antennas are used to inject RF into the aircraft receiver's system for testing/analysis of the [REDACTED] system. These antennas are two pieces of a multipiece test set. They have specific cutout locations within the carry case where they reside so they have to meet the form fit factor of existing test antenna assemblies. Also, it must meet performance requirements of Vendor Item Control Drawings (VICD) 802027377140 and 802027377141, respectively.

Patent rights, copyrights, trade secrets, technical data, secret processes, or other propriety data essential for contract performance limits competition. The proprietary data is:

These are "direct replacements" parts/components for existing equipment. [REDACTED] Antenna Test System

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 7 Feb 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.12798

49929

Digitally signed by HELTON.REBECCA.L.1279849929
DN: c=US, o=U.S. Government, ou=DoD, ou=PKI,
ou=USN, cn=HELTON.REBECCA.L.1279849929
Date: 2013.02.19 11:19:50 -05'00'