



DEPARTMENT OF THE NAVY
NAVAL AIR WARFARE CENTER TRAINING SYSTEMS DIVISION
12350 RESEARCH PARKWAY
ORLANDO, FLORIDA 32826-3275

IN REPLY REFER TO:
LSJ_14_24169

LIMITED SOURCE JUSTIFICATION (FAR 8.4- GSA/FSS)

1. Contracting Activity.

Naval Air Warfare Center Training Systems Division (NAWC-TSD) - Orlando, FL

2. Nature and/or Description of Action Being Approved.

NAWCTSD, Orlando FL in support of the Naval Strike and Air Warfare Center (NSAWC) Fallon Strike Division, intends to issue a Limited Source Justification under the authority of the General Services Administration (GSA) Multiple Award Schedules Program, for the Multi Source Correlator Tracker (MSCT) software and server. This software will support the Battle Space Command and Control Center (BC-3) system being used at the Fallon Range Training Complex.

This procurement consist of the purchase of Software Right to Use licenses already installed on a server, and on-site labor; in which previous version of the software is being used. Additionally this effort consist of a server to which the software will be installed, and travel cost for the on-site labor, which are open market items.

Although the server and travel support are non-FSS contract items they are in the government's best interest to be provided by the manufacturer of the software licenses, Raytheon / Solipsys in order to complete the installation and on-site integration. Given this situation, the software license installed on the server and the on-site labor for the integration, as well as the server and the associated travel costs are being process under this limited source justification collectively.

3. Description of the Supplies or Services Required to Meet the Agency's Needs (including the estimated value).

The MSCT software is a proven correlation and data fusion engine that synthesizes and tracks tactical data links, and sensor information, from multiple dissimilar sources and precisely constructs a single integrated picture. The software will interface with the Naval Air Station (NAS) Fallon Link 16 infrastructure, three FAA radars, and three AN/ASR-8 Range Area Surveillance systems (RASS) radars.

This level of data fusion allows the BC-3 system to give a live crew a high fidelity replication of its weapons systems during Air Wing Fallon (AWF) Large Force Exercises (LFE), as well as simulation events.

The Firm Fixed Price (FFP) amount of \$[REDACTED] includes the items as shown in the breakout below:

Line Item Description Cost per CLIN:

Line Item 1: MSCT 5.0 MSCT 5.0 Right to use license – includes up to 3 MSCT display 5.0 perpetual right to use licenses. \$ [REDACTED]

Line Item 2 Hardware: Dell PowerEdge R515 computer (to include system components below) \$ [REDACTED]

PowerEdge R55 with up to 8 hot swap hard drives, LED
Operating system Red Hat Enterprise Linux Non Factory Install, x64, Req Lic & Sub Selection
Ship Group PowerEdge R515 Shipping, 8hd Chassis
Memory 32gb memory, (4x8gb) 1600MT/s, Dual Rank LVRDIMMs at Std Volt, for 2 processors
Single Processor AMD Opteron 4334, 3.1ghs urbro core 1600 Mhz Max Mem
1st hard drive HD multi select
Internal controller PERC h200 integrated RAID controller, 8HD
Network Adapter Intel Gigabit ET Dual Port NIC PCIe-4
Embedded Management Baseboard management controller
Internal Optical Drive

Line Item 3 on site support (CONUS) 7 days of installation for a FFP, \$ [REDACTED] or a T&M estimated cost of \$ [REDACTED] with 2 labor categories of support.

Line Item 4 Travel for on-site support includes two trips Baltimore/Washington Intl (BWI) to Fallon, NV (fly into Reno) for a FFP of \$ [REDACTED].

Sr Info Sys Technologist II 6 hrs labor \$ [REDACTED] Sr Systems Engineer II 10 hours \$ [REDACTED] Total labor 16hrs. Hardware Dell PowerEdge R515 \$ [REDACTED] Total for Item 2: \$ [REDACTED]

Line Item 3: 8 hours on-site support (CONUS-only – Travel and per diem extra)

Line Item 4 Breakout: Travel BWI to Fallon (5 days): \$ [REDACTED] BWI to Fallon (3 days) \$ [REDACTED] Total line item #4: \$ [REDACTED]

4. Identification of the Justification Rationale (see FAR 8.405-6(b)) and, if applicable, a Demonstration of the Proposed Contractor's Unique Qualifications to Provide the Required Supply or Service:

(1) Only one source is capable of responding due to the unique or specialized nature of the work.

Supporting Information:

The rationale for this requirement is FAR 8.405-6(a)(1)(a)B) Only one source is capable of providing the supplies or services required at the level of quality required because the supplies or services are unique or highly specialized.

Raytheon is the developer and owner of this commercial software, and no proprietary data rights are available to the government.

The MSCT is written in the ANSI C++ programming language for the portability and performance and has been deployed in mission-critical situations on commodity hardware since 1997. Because of its object-oriented design and distributed architecture, it can easily interface with legacy systems and adapt to new software and hardware protocols and message standards. Fallon Range is the

Navy's premier integrated strike warfare training facilities supporting present and emerging National Defense requirement.

5. Determination by the Ordering Activity Contracting Officer that the Order Represents the Best Value Consistent with FAR 8.404(d):

This acquisition will be solicited under FAR 8.4, Federal Supply Schedule, which pricing has been determined fair and reasonable. This procurement provides the Government greatest overall benefit in response to the requirement, thus represents the best value to the Government.

6. A description of the market research conducted among schedule holders and the results or a statement of the reason market research was not conducted.

No specific market research was conducted as it is in the Government's best interest to continue with the same software for this upgrade. Although no market research was conducted, NSAFC Fallon Strike Division (Navy TOP GUN), maintains in-depth knowledge of technology developments, sensor fusion, datalink capability and mission debrief. This includes insight into technologies that individual companies are focused on and their technical and production capabilities. NSAFC Strike Division representatives maintain this knowledge through routine review of industry journals and attendance at industry symposia and conferences. Based on its knowledge and expertise, NSAFC Fallon Strike Division has determined that no companies other than Raytheon Solipsys Corporation have the knowledge and technical capability required to provide the Multi Source Correlator Tracker (MSCT) systems.

7. Any Other Facts Supporting The Justification.

None noted.

8. A Statement of the Actions, if any, the Agency May Take to Remove or Overcome any Barriers that Preclude the Agency from Meeting the Requirements of FAR 8.405-1 and FAR 8.405-2 before any Subsequent Acquisition for the Supplies or Services is Made:

Given this requirement is for a commercial software, no action will be taken at this time to remove or overcome barriers to competition for this software license for future acquisitions. The software licenses are commercial and no data rights are available to the government in order to seek competition. Additionally, utilizing alternate software will require the Government to redesign or change the processes to allow interface with non-brand name products each time the software is changed. Utilizing commercially available products for this requirement is cost effective and best meets the program needs.

For the reasons set forth in Section 4, NSAFC has no plan to compete future contracts for the types of supplies/services covered by this document. If another potential source emerges, NSAFC Fallon will assess whether competition for future requirements is feasible.

CERTIFICATIONS AND APPROVAL

TECHNICAL/REQUIREMENTS CERTIFICATION

I certify that the facts and representations under my cognizance which are included in this Justification and its supporting acquisition planning documents, except as noted herein, are complete and accurate to the best of my knowledge and belief.

Technical Cognizance:

   9/29/2014
Signature Name (Printed) Phone No. Date

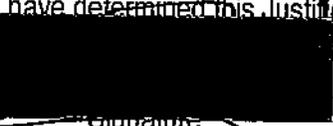
Requirements Cognizance:

Signature Name (Printed) Phone No. Date

LEGAL SUFFICIENCY REVIEW

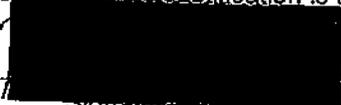
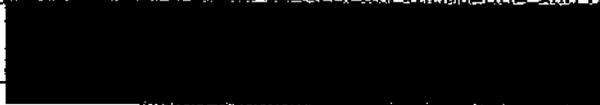
Legally Sufficient

I have determined this Justification is

   29/Sep/2014
Signature Name (Printed) Phone No. Date

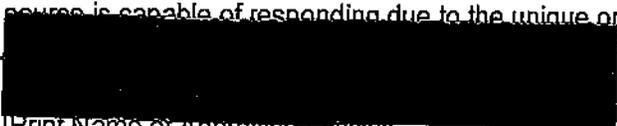
CONTRACTING OFFICER CERTIFICATION

I certify that this Justification is accurate and complete to the best of my knowledge and belief.

  9-29-14
Signature Name (Printed) Phone No. Date

APPROVED

Upon the basis of the above justification, I hereby approve the solicitation of the proposed procurement(s) described herein using other than full and open competition, pursuant to the authority of (1) Only one source is capable of responding due to the unique or specialized nature of the work.

 9-29-2014
[Print Name of Approving Official] Date