

FAR 10 Market Research – Sources Sought
**ASSURED COMPLIANCE ASSESSMENT SOLUTION (ACAS)
ASSESSMENT, IMPLEMENTATION, AND TRAINING**
N62271-15-I-1253

This is a SOURCES SOUGHT NOTICE, pursuant to FAR Part 10 (Market Research) and is not a pre-solicitation notice or solicitation for proposals/quotations. This synopsis does not constitute a Request for Proposal (RFP) or Invitation for Bid (IFB), nor does its issuance in any way restrict the Government as to its ultimate acquisition approach. The Government will neither award a contract solely on the basis of this notice, nor will it reimburse the contractor for any costs associated with preparing or submitting a response to this notice. Any information provided by the Government at this time is preliminary and may be updated or changed prior to release of a formal RFP. NAICS associated with this effort are as follows:

541511	Custom Computer Programming Services
541519	Other Computer Related Services
541990	All Other Professional, Scientific, and Technical Services

Place of Performance

Naval Postgraduate School, Monterey, CA 93943

Period of Performance

Periods of performance – to be determined

The Naval Postgraduate School's Information Technology and Communications Services department is seeking sources and feedback on the below statement of work for assured compliance assessment solution (ACAS) assessment, implementation, and training.

The Naval Postgraduate School (NPS), located in Monterey, California, supports the U.S. Navy, other military branches, and foreign military services with postgraduate education for personnel. Additionally NPS provides significant research capabilities to the Department of Defense, Department of Homeland Security, and others.

Submission of information:

Please respond by e-mail to mjwhite@nps.edu with the following by 5:00 p.m. on 17 June, 2015:

- (a) a positive statement of your intention to submit a bid for any related solicitation as a prime contractor, to include business size and, if applicable, your small business status.

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(b) evidence of experience in similar projects/services to include contract numbers, project titles and dollar amounts, points of contact and telephone numbers. At least two references are requested, but more are desirable.

(c) feedback on the statement of work

(d) technical approach for assessing, implementing, and training for ACAS

(e) cost and duration estimates for assessment, implementation, and training

(f) file size of submission not to exceed 5 MB and 50 pages, submission by e-mail only.

Disclaimer and Important Notes:

Regardless of the information obtained from this Sources Sought Notice, the Government reserves the right to consider any arrangement as deemed appropriate for this requirement. No proprietary, classified, confidential or sensitive information should be included in your response to this Sources Sought Notice. The Government reserves the right to use any information provided by respondents for any purpose deemed necessary and legally appropriate, including using technical information provided by respondents in any resultant solicitation. Responses to this Sources Sought Notice will not be considered adequate responses to any resultant solicitation.

Primary Point of Contact:

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Statement of Work

ASSURED COMPLIANCE ASSESSMENT SOLUTION (ACAS) ASSESSMENT, IMPLEMENTATION, AND TRAINING INFORMATION TECHNOLOGY AND COMMUNICATIONS SERVICES

Naval Postgraduate School

1.0 Background/Introduction

The Naval Postgraduate School (NPS) located in Monterey, California supports the U.S. Navy, other military branches, and foreign military services with postgraduate education. Additionally, NPS provides significant research capabilities to the Department of Defense (DoD) but with the main focus on education. The Information Technology and Communication Services (ITACS) Department at NPS provides information technology (IT) support to the entire school. This includes both mission elements of research and education. NPS maintains and operates three major networks: 1) a commercial educational and research network (ERN), 2) a node off of the Defense Research and Engineering Network (DREN), and 3) a legacy network on the Secret Internet Protocol Router Network (SIPRNet).

The Defense Language Institute-Foreign Language Center (DLI-FLC) is the DoD's premier foreign language training and education center. DLI-FLC's datacenter is co-located at NPS where the connection to the EDU for both organizations is provided. The NPS operates and maintains the following networks:

- NPS ERN: a commercial educational network hosting over 500 physical and virtual servers and over 3000 workstations.
- NPS DREN: a military research network hosting over 60 physical servers and five workstations.
- DLI-FLC EDU: a commercial educational network hosting over 5000 workstations and portable devices and over 200 physical and virtual servers co-located with NPS in the NPS Datacenter.
- NPS SIPRNet: a classified military network hosting over 20 physical servers and 65 workstations.

2.0 Scope

This statement of work (SoW) is in response to the DoD and Navy mandated requirement to deploy the DISA Assured Compliance Assessment Solution (ACAS) to replace BeyondTrust "Retina" as the DoD's Secure Configuration Compliance

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Validation Initiative (SCCVI) tool. ACAS must be deployed on the four networks mentioned above. For more information on ACAS, please see: <http://www.disa.mil/Services/Information-Assurance/ACAS>. Additionally, ACAS scans will be uploaded to the Navy's instance of DISA's Vulnerability Remediation Asset Manager (VRAM).

Both organizations have some ACAS infrastructure in place and operational on all four networks; however, both organizations have limited resources to maintain these systems. This SoW will assess the current operational status of each environment's implementation of ACAS and recommend new or improved designs to fine tune vulnerability management capabilities at NPS and DLI-FLC. The recommended designs will be used to make modifications to the current ACAS configurations or introduce new hardware and/or software to the existing environments. The contractor will train NPS and DLI-FLC staff on the use of ACAS and will support the operations and maintenance of ACAS at one to four of the locations until Government personnel are available to operate ACAS permanently.

All hardware and ACAS software will be provided by NPS and DLI-FLC. Host systems will be RedHat Enterprise Linux v6 and Microsoft Windows 7 either physical or virtual or a combination thereof depending on the host network environment and any proposed design modifications.

The ACAS solution will be designed and implemented on all four networks within the following constraints and requirements:

1. The solution can include one ACAS Security Center (SC) on the NPS ERN to which the NPS DREN and DLI-FLC scanners report.
2. The ACAS SC and Nessus scanner/ Passive Vulnerability Scanners (PVS) can be either physical or virtual or a combination thereof on the NPS ERN, DLI-FLC and the NPS DREN.
3. If the NPS DREN ACAS solution must be stand-alone and cannot report to the NPS ERN ACAS SC, the NPS DREN can have one system on which resides all of the ACAS components: one ACAS Security Center, one or more PVS, and one or more Nessus scanners.
4. The NPS SIPRNet can have one physical system on which resides all of the ACAS components: one ACAS Security Center, one or more Passive Vulnerability Scanners, and one or more Nessus scanners.
5. The ACAS solution will be designed using ACAS v4.6, or the most current version at the start of the contract, in accordance with the Authority to Operate (ATO)/Type Accreditation designated by Commander, U.S. Fleet Cyber Command, Ser ODAA/2214 dated 20 Dec 2013 and will consider the

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inheritance of Information Assurance controls as documented. Per this reference, “changes or deviations from the ACAS accreditation baseline as documented in eMASS #322 is not authorized.”

6. The xTool and 3DTool design and implementation are not in scope of this design and will be considered at a later date.
7. Implementations within the NPS DREN and NPS SIPRNet must be installed and operating properly with all required components of the Host-Based Security System (HBSS).

3.0 Tasks

The contracted services outlined in this SoW will help NPS and DLI-FLC to design and implement ACAS solutions for all four networks as well as train operators from DLI-FLC and NPS to maintain and operate this new SCCVI functionality. The contractor shall perform the following tasks:

3.1 Assess Current ACAS Implementations and Recommend Changes.

- 3.1.1 Assess the ACAS implementation for each of the four networks within the constraints noted in section 2.0.
- 3.1.2 Document the steps required to design the ACAS solution for each of the four networks to include IP address, Fully Qualified Domain Name, and physical location of each component.
- 3.1.3 Create network diagrams of the designs with Microsoft Visio and/or with the Confluence plug-in, “gliffy”, within the NPS wiki, where appropriate. Also include list of hardware and software requirements. See section 4.0 on deliverables.
- 3.1.4 Create reporting dashboard designs and reports for each environment that are specific to the following audiences:
 - 3.1.4.1 NPS and DLI-FLC Leadership & Executives
 - 3.1.4.2 NPS and DLI-FLC Cybersecurity Staff
 - 3.1.4.3 NPS and DLI-FLC System Administrators

3.2 Implement the ACAS Solutions assessed and designed in 3.1

- 3.2.1 Implement the ACAS solution on all four networks. This may include racking equipment, installing and patching the operating system, installing and patching the applications, and applying and documenting the DISA STIGs applicable to the ACAS environment in each of the four networks.

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3.2.2 Install and test the applications on all of the ACAS components.

Note: All networks shall be fed periodic updates from either the DISA/DoD Patch Repository or Tenable, based on the design determined in Task 3.1.

3.2.3 Schedule active Nessus scanners to scan all systems on all subnets weekly

3.2.4 Implement PVS to cover all subnets/vlans on all four networks.

3.2.5 Implement the Reporting Dashboard designs and reports from Task 3.1.

3.2.6 Create and upload baseline ACAS scans to VRAM for all four networks.

3.3 Conduct Sustained Operations and Maintenance

The contractor shall operate and maintain all four instances of the ACAS solution full time, ensuring the following:

3.3.1 Scheduled scans are covering 100% of intended assets and are being run successfully.

3.3.2 Unsuccessful scans are re-run and the root cause of the unsuccessful scan is corrected within four hours of discovery.

3.3.3 The Nessus scanners and PVS's maintain connectivity with the associated Security Center (SC).

3.3.4 The SC is being updated either manually, via professional feed, or via a DISA-hosted feed.

3.3.5 Unsuccessful updates of the SC are re-done and the root cause of the unsuccessful update is corrected within one business day of discovery.

3.3.6 Anomalous activity identified by the PVS on each subnet/VLAN is reviewed and tasked to the incident handler, as appropriate, within two hours of identification of the anomalous activity.

3.3.7 Standard Operating Procedures (SOP) to support each of the four ACAS solutions are documented within the NPS wiki or the

classified network as appropriate and maintained when changes occur. Changes to documented SOPs are made within three business days of the process change.

3.4 Provide On-Site Training

The contractor shall develop and conduct training for NPS and DLI-FLC personnel in a classroom or lab setting using the live production systems. This is required to maintain proper knowledge transfer from the contractor to NPS and DLI-FLC personnel. The contractor shall train a minimum of four NPS and DLI-FLC personnel on how to accomplish the following:

- 3.4.1 Re-installing the application from backups.
 - 3.4.2 Updating audit files and ACAS application files.
 - 3.4.3 Applying audit files and generating reports against those audit files. Maintaining and updating scheduled scans by the Nessus scanners.
 - 3.4.4 Updating the SCs.
 - 3.4.5 Responding to and reporting on anomalous activity detected by the PVS.
 - 3.4.6 Addressing and fixing unsuccessful scans and updates.
 - 3.4.7 Adding Nessus scanners and PVS to an ACAS solution and pointing them to the appropriate SC.
 - 3.4.8 Understanding the latest features introduced over the period of performance.
 - 3.4.9 Creating and uploading ACAS scans to VRAM.
 - 3.4.10 Properly maintaining the ACAS architecture with up-to-date patches and STIG requirements.
- 3.5 Participate in weekly and ad-hoc technical meetings to provide status updates of progress completed in tasks 3.1 and 3.2.
- 3.6 Conduct one-on-one meetings with NPS and DLI-FLC personnel and management and review documentation to collect information required to successfully complete tasks 3.1, 3.2, and 3.3.
- 3.7 Provide bi-weekly status reports (BSR) to the Contracting Officer Representative (COR) via email. The BSR shall provide a high level summary of activities and project challenges for the past two weeks as well as anticipated direction over the next two weeks. The BSR shall contain the following sections:
- A brief description of Requirements
 - Summary of Accomplishments and Significant Events
 - Deliverables Assigned/Milestones/Status

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- Deliverables Submitted
- Current or Anticipated Issues
- Government-Identified Topics and Issues
- Summary of Activity Planned for the Next Reporting Period

4.0 Deliverables

The contractor shall be responsible for preparing deliverables in support of the tasks identified in this SOW. All documentation to support the ACAS implementations on the NPS EDU, the DLI-FLC EDU, and the NPS DREN will be maintained on the unclassified NPS wiki. All documentation to support the ACAS implementation on the NPS SIPRNet will be maintained on the NPS SIPRNet network drive.

Task	What will be inspected	Method	Frequency	Acceptable Quality Level
3.1	Network Design Diagrams	Written report (with network diagrams) and oral presentation.	At least weekly and prior to implementation.	Report and presentation are technically sound. Designs have coverage across 100% of the networks.
3.2	ACAS SC, PVS, Nessus scanners on each of the four networks.	Written report and oral presentation. Observation of reporting dashboard and scan results.	Upon completion of implementation to confirm and verify success.	For each of the four networks: 1) Scanners cover 100% of the network. 2) 100% of scheduled scans are completed weekly. 3) The PVS covers all subnets and VLANs.
3.3	Operational dashboard and incident response reports.	Written report and oral presentation. Observation of reporting dashboard and scan results.	At least twice daily and when incidents occur.	For each of the four networks: 1) Scanners cover 100% of the network. 2) 100% of scheduled scans are completed weekly. 3) The PVS covers all subnets and VLANs.
3.4	Training content is documented on the NPS wiki or on the NPS SIPRNet. Feedback from trainees of the training content	Written feedback from the trainees that all required training content was delivered and was effective.	Upon completion of training	All required training topics are documented on the wiki or on the NPS SIPRNet and each trainee is aware of and can complete each

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Task	What will be inspected	Method	Frequency	Acceptable Quality Level
	and delivery.			required task.
3.4	Content provided during discussions.	Verbal discussion.	At least weekly and when needed.	Project milestones are met and the overall deadline is still manageable.
3.5	NPS/DLI-FLC team meetings	Oral Presentation.	Twice weekly, currently every Tues and Fri.	Presentation content is technically sound and reasonably represents the current state of the NPS and DLI-FLC IT environments.
3.6	Monthly Status Reports	Electronic submission via email.	10th calendar day of each month	Report is technically sound and reasonably represents the current state of the NPS and DLI-FLC IT environments.

The surveillance method for the deliverables listed above will be personal observation at NPS. If performance falls below the AQL defined above, the Contracting Officer’s Representative (COR) shall document the instance(s), coordinate with the Contracting Officer and advise the Contractor. The Contractor will be requested to review the documentation and provide a written response on how performance will be corrected in the future. Re-performance of any work for failure to perform in accordance with the specified AQL or task requirement shall be completed at the Contractor’s own expense and at no additional cost to the Government.

5.0 Period of Performance (anticipated)

Base Period of Three Months: Tasks 3.1 and 3.2 must be completed no later than 3 August 2015.

Option 1: Operations, Maintenance, and Training (Tasks 3.3 and 3.4): 4 Aug 2015 to 3 Feb 2016.

Option 2: Operations, Maintenance, and Training (Tasks 3.3 and 3.4): 4 Feb 2016 to 3 Aug 2016.

6.0 Place of Performance

All work will be performed physically on site at the Naval Postgraduate School, Monterey, CA 93943. None of the work may be done remotely.

7.0 Demonstration of Past Performance

The Contractor shall provide a minimum of two examples of proven past performance in installing and initiating operational processes for ACAS in a DOD environment, to include reporting dashboards and reports

8.0 Work Week and Hours of Operation:

The Contractor shall provide services during normal working hours excluding federal holidays. Normal working hours are 0730 to 1630, Monday through Friday, unless requirements dictate otherwise. Exceptions can be permitted by the COR upon request and at the COR's discretion.

Work required on-site at NPS shall be performed by the Contractor, as required.

Following is a list of holidays observed by the Government.

<u>Name of Holiday</u>	<u>Time of Observance</u>
New Year's Day	1 January
Martin Luther King Jr. Day	Third Monday in January
President's Day	Third Monday in February
Memorial Day	Last Monday in May
Independence Day	4 July
Labor Day	First Monday in September
Columbus Day	Second Monday in October
Veteran's Day	11 November
Thanksgiving Day	Fourth Thursday in November
Christmas Day	25 December

If any of the above holidays occur on a Saturday or a Sunday, then such holiday shall be observed by the Contractor in accordance with the practice as observed by the assigned Government employees at the using activity

9.0 Government Furnished Property

The government shall provide appropriate office space, supplies and equipment to perform tasks at NPS. Any Government-provided property and information shall be used for official Government business only. Any applicable documents that are authorized for use in performance of these services shall be provided, in accordance with security and contract terms and conditions.

10.0 Travel

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No travel is anticipated at this time, but there may be circumstances where travel may be required.

If travel is required, it will be in accordance with the Joint Travel Regulations (JTR) and will be reimbursed by the government on an as-incurred basis.

11.0 Classification

US DoD Secret with access to NATO Secret. DD254 is required.

10.1 Privacy Act Statement

“Pursuant to Title 5 United States Code 552a(m)(1), the contractor and all employees of the contractor working under this contract are required to comply with the requirements of 5 U.S.C. 552a (“The Privacy Act of 1974”).”

10.2 Contractor Identification

In accordance with DFAR 211.106, there shall be a clear distinction between Government employees and service contractor employees. Service contractor employees shall identify themselves as contractor personnel by introducing themselves or being introduced as contractor personnel and displaying distinguishing badges or other visible identification for meetings with Government personnel. In addition, contractor personnel shall appropriately identify themselves as contractor employees in telephone conversations and in formal and informal written correspondence.

12.0 Non-Personal Services Statement

Contractor employees performing services under this order will be controlled, directed, and supervised at all times by management personnel of the contractor. Contractor management will insure that employees properly comply with the performance work standards outlined in the SOW. Contractor employees will perform their duties independent of, and without the supervision of, any Government official or other Defense Contractor. The tasks, duties, and responsibilities set forth in the task order may not be interpreted or implemented in any manner that results in any contractor employee creating or modifying Federal policy, obligating the appropriated funds of the United States Government, overseeing the work of Federal employees, or otherwise violating the prohibitions set forth in Parts 7.5 and 37.1 of the Federal Acquisition Regulation (FAR). The Government will control access to the facility and will perform the inspection and acceptance of the completed work.