

PACIFIC FLEET SECURITY MONITORING INFRASTRUCTURE SYSTEM (SMIS)  
 PROTOTYPE EVALUATION

## TECHNICAL INSTRUCTION (TI) - DRAFT

<b>Issue Date of TI</b>	14 February 2010
<b>TI No.</b>	TI-4523-0013
<b>Contract No.</b>	N00178-05-D-4523
<b>Task Order No.</b>	FC01
<b>Revision Date of TI</b>	NA
<b>Government Agency</b>	NSWC Crane
<b>Vendor</b>	Referentia Systems, Inc.
<b>Vendor POC</b>	Kevin Jordan, 808-477-8265 <a href="mailto:kevin.b.jordan1.ctr@pacom.mil">kevin.b.jordan1.ctr@pacom.mil</a> <a href="mailto:kjordan@referentia.com">kjordan@referentia.com</a>
<b>Human Capital Checklist Approval Number</b>	N/A
<b>Task Description</b>	<p>Provide installation, integration, authorities, training, manpower, skill sets, and logistics support in order to sequence and synchronize Joint Task Force and/or maritime Cyber and Communications Systems (CS) security. A key component will be to evaluate the Security Monitoring Infrastructure System (SMIS). SMIS is to be installed and configured as a prototype on the NIPRNET and SIPRNET networks at Yokosuka Naval Base and Naval Air Facility Atsugi.</p> <p><u>Background</u> - The US Pacific Fleet is developing a Concept of Operations; which focuses on adaptive computer network defense in-depth capability within the Pacific Theater to enable Fleet operations in a contested cyber environment. This network defense includes elements of Intelligence, Computer Network operations, and CS. Testing is underway during Fleet operations and joint exercises to assess the level of mission assurance attained with various layers of defense in depth technologies.</p> <p><u>Requirements</u></p> <p><u>Engineering Requirements:</u></p> <p>The contractor shall procure hardware, integrate software with the hardware, configure, test, ship, and install at each site in Yokosuka and Atsugi, Japan two</p>

Forensic Data Collectors (FDC) (classified and unclassified). The FDCs must be capable of retaining at least 60 calendar days worth of collected traffic data.

The contractor shall procure hardware, integrate software with the hardware, configure, test, ship, and install two prototype Security Utility Servers (classified and unclassified) at Yokosuka, Japan.

Installation Training: Onsite at Yokosuka, Japan, the contractor shall train Government technicians to install, configure, test, and maintain prototype Security Utility Servers at its assigned site. The contractor shall train Government technicians to install configure, test, and maintain prototype Forensic Data Collectors at their assigned sites. The contractor shall train Government technicians to operate the SMIS at their assigned sites.

Test and Evaluation Plan and Execution:

Security Evaluation: The contractor shall conduct a security evaluation of the SMIS system in accordance with Government furnished documents #1 and #2. The contractor shall correct discrepancies uncovered in the security evaluation process, as directed by the Government, and deliver a report describing the compliance of the SMIS system with the Information Assurance controls described in Government furnished documents #1 and #2.

Data Collection Plan: The contractor shall support, as required, a Government data collection activity for installed systems for the duration of the evaluation period.

SMIS Maintenance Support: For the period of one year After Receipt of Order (ARO), the contractor shall provide 24/7 on call support for the installed hardware and software. The contractor shall replace defective hardware via advanced shipment. Technical support will be provided via phone and e-mail.

Program Summary: The contractor shall summarize all work accomplished, including significant technical accomplishments, problems encountered, solutions implemented, and recommendations for improvement.

<b>Applicable Documentation</b>	<p><u>Government Furnished Documents:</u></p> <p>UNIX Security Technical Implementation Guide (STIG) V5R1 (4 Apr 06 or latest version)  <a href="http://iase.disa.mil/stigs/stig/unix-stig-v5r1.pdf">http://iase.disa.mil/stigs/stig/unix-stig-v5r1.pdf</a></p> <p>Database Security Technical Implementation Guide (STIG) V8R1 (19 Sep 07 or latest version)  <a href="http://iase.disa.mil/stigs/stig/database-stig-v8r1.zip">http://iase.disa.mil/stigs/stig/database-stig-v8r1.zip</a></p>
<b>GFI, GFE, GFM</b>	<p><u>GFI:</u></p> <p>Government will provide IP addresses for each SMIS component at the installation sites.</p> <p>Government will provide data rates for network links on which SMIS FDCs shall be installed.</p> <p>Government will provide type of ports to which SMIS network appliances shall be attached.</p>
<b>Duty Location</b>	Contractor Facility; Honolulu, HI; Atsugi, Japan, and Yokosuka, Japan.
<b>Temporary Duty/Travel Requirements</b>	Honolulu, HI to Yokosuka, Japan - 2 trips, 8 days, 1 person
<b>SLIN Number(s)</b>	1000
<b>Period of Performance</b>	22 Feb 2010 – 21 Feb 2011
<b>Data Deliverable(s)</b>	<p>All data deliverables shall be submitted electronically to: <a href="mailto:amy.haworth.ctr@navy.mil">amy.haworth.ctr@navy.mil</a></p> <p>The following CDRLs apply to this delivery order and shall be submitted as described below. Indicate on the cover of all delivered data the contract number and contract title. The contractor shall deliver electronic copies via e-mail in Microsoft Office products or in Adobe PDF format to the address indicated. The subject block shall contain the contract number, delivery order number, CDRL Title, and CDRL number</p> <p>The contractor shall provide the following deliverables:</p> <ol style="list-style-type: none"> <li>1. Monthly Status report 30 days after contract award and then every 30 days after that A002</li> <li>2. Funds and Man-hour Expenditure Report B001 - Monthly</li> </ol>

	3. Technical Report /Final Report and demonstration F002
<b>Security Classification</b>	IAW Paragraph 6.3 of basic Task Order. SECRET All contractor personnel providing installation, configuration, and training must possess active Secret level clearances.
<b>Hazard and Safety Information</b>	IAW Paragraph 6.9 of basic Task Order.
<b>Requiring Technical Activity (RTA)</b>	Jim Epple, Code GXP <a href="mailto:james.epple@navy.mil">james.epple@navy.mil</a> , Phone: 812-854-2308
<b>Task Order Manager (TOM)</b>	D.Y. Anderson, Code CXLL <a href="mailto:denise.anderson@navy.mil">denise.anderson@navy.mil</a> , Phone: 812-854-5176

Contingent Upon Task Order Modification Issuance to Increase Funding  
 Funding is currently available on the Task Order