

**ORDER FOR SUPPLIES OR SERVICES**

**IMPORTANT: Mark all packages and papers with contract and/or order numbers.**

1. DATE OF ORDER 09/24/2010		2. CONTRACT NO. (If any) DTOS59-09-D-00467		6. SHIP TO: Louis Effa	
3. ORDER NO. DTMA1F10125		4. REQUISITION/REFERENCE NO.		a. NAME OF CONSIGNEE DOT/Maritime Administration, MAR-340	
5. ISSUING OFFICE (Address correspondence to) DOT/Maritime Administration, MAR-380 1200 New Jersey Ave SE, MAR380 W26-429  Washington DC 20590				b. STREET ADDRESS 1200 New Jersey Ave., SE MAR340, W26-320	
c. CITY Washington		d. STATE DC		e. ZIP CODE 20590-0001	
7. TO: a. NAME OF CONTRACTOR <b>Melissa Longo</b>				f. SHIP VIA	
b. COMPANY NAME <b>ActioNet, Inc.</b>				8. TYPE OF ORDER	
c. STREET ADDRESS <b>2600 Park Tower Drive ,Suite 1000</b>				<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY - Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
d. CITY <b>Vienna</b>		e. STATE <b>VA</b>	f. ZIP CODE <b>22180-7370</b>	Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
9. ACCOUNTING AND APPROPRIATION DATA See Line Item Detail				10. REQUISITIONING OFFICE DOT/Maritime Administration, MAR-340	
11. BUSINESS CLASSIFICATION (Check appropriate box(es)) <input checked="" type="checkbox"/> a. SMALL <input type="checkbox"/> b. OTHER THAN SMALL <input checked="" type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> g. SERVICE-DISABLED VETERAN-OWNED <input checked="" type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. EMERGING SMALL BUSINESS					12. F.O.B. POINT Destination
13. PLACE OF		14. GOVERNMENT B/L NO.	15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date) 01/28/2011	16. DISCOUNT TERMS	
a. INSPECTION	b. ACCEPTANCE				

17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	<b>SEE LINE ITEM DETAIL</b>					

18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT	20. INVOICE NO.		
21. MAIL INVOICE TO: Tammy Curnett					17(h) TOT. (Cont. pages)
a. NAME DOT/ Enterprise Services Center (ESC) OFO/FAA, Oklahoma City					
b. STREET ADDRESS (or P.O. Box) MARAD A/P Branch, AMZ-150 PO Box 25710					
c. CITY Oklahoma City		d. STATE OK	e. ZIP CODE 73125		\$388,000.00
					17(i) GRAND TOTAL

22. UNITED STATES OF AMERICA BY (Signature) 			23. NAME (Typed) Jill M. Kline TITLE: CONTRACTING/ORDERING OFFICER		
---	--	--	--	--	--



**ORDER FOR SUPPLIES OR SERVICES  
SCHEDULE - CONTINUATION**

PAGE NO.  
3 of 15

**IMPORTANT: Mark all packages and papers with contract and/or order numbers.**

DATE OF ORDER 09/24/2010 DTOS59	CONTRACT NO. 09-D-00467	ORDER NO. DTMA1F10125
------------------------------------	----------------------------	--------------------------

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0001	<p><i>PR300100186 Commitment #11N10435</i></p> <p>Senior Database Management Specialist</p> <p><i>Delivery Date      Start Date      End Date</i> 01/28/2011      09/27/2010      01/28/2011</p> <p>Funding Information: 2010 - - 7010 - 1750HQ - - 1ITE - - 0003MV - 0000134 - - 016 - - 25305 - - 6100 - 6600 - \$143,222.40</p>	1,440.00	HR	99.460	143,222.40	
0002	<p>Database Management Specialist</p> <p><i>Delivery Date      Start Date      End Date</i> 01/28/2011      09/27/2010      01/28/2011</p> <p>Funding Information: 2010 - - 701017 - 50HQ201 - 0 - ITE0 - 00 - 3MV000013 - 4016 - - 25305 - - 6100 - 6600 - - - \$59,637.60</p>	720.00	HR	82.830	59,637.60	
0003	<p>System Administrator</p> <p><i>Delivery Date      Start Date      End Date</i> 01/28/2011      09/27/2010      01/28/2011</p> <p>Funding Information: 2010 - - 701017 - 50HQ11T - E0 - 003M - V0 - 000134016 - 25704 - - 6100 - - 6600 - - - - \$57,081.60</p>	720.00	HR	79.280	57,081.60	

**TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17i)** ➡ \$259,941.60

**ORDER FOR SUPPLIES OR SERVICES  
SCHEDULE - CONTINUATION**

PAGE NO.  
4 of 15

**IMPORTANT: Mark all packages and papers with contract and/or order numbers.**

DATE OF ORDER 09/24/2010 DTOS59	CONTRACT NO. 09-D-00467	ORDER NO. DTMA1F10125
------------------------------------	----------------------------	--------------------------

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0004	<p>Web Software Developer</p> <p><i>Delivery Date</i>      <i>Start Date</i>      <i>End Date</i> 01/28/2011      09/27/2010      01/28/2011</p> <p>Funding Information: 2010 - - 701017 - 50HQ201 - 0 - ITE0 - 00 - 3MV000013 - 4016 - - 25305 - - 6100 - 6600 - - - \$57,168.00</p>	720.00	HR	79.400	57,168.00	
0005	<p>Travel</p> <p>Travel shall be pre-approved by COTR and in accordance with the FTR.</p> <p><i>Delivery Date</i>      <i>Start Date</i>      <i>End Date</i> 01/28/2011      09/27/2010      01/28/2011</p> <p>Funding Information: 2010 - - 701017 - 50HQ201 - 0 - ITE0 - 00 - 3MV000013 - 4016 - - 25305 - - 6100 - 6600 - - - \$5,000.00</p>	1.00	NTE	5,000.000	5,000.00	
0006	<p>ODC</p> <p>This CLIN is for software support</p> <p><i>Delivery Date</i>      <i>Start Date</i>      <i>End Date</i> 01/28/2011      09/27/2010      01/28/2011</p> <p>Funding Information: 2010 - - 701017 - 50HQ201 - 0 - ITE0 - 00 - 3MV000013 - 4016 - - 25305 - - 6100 - 6600 - - - \$65,890.40</p>	1.00	NTE	65,890.400	65,890.40	

**TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17i)** ➡ \$128,058.40

## MARINE VIEW (MarView)

### PERFORMANCE WORK STATEMENT

#### **A. Background**

The Maritime Administration (MARAD) in the U.S. Department of Transportation (USDOT) is responsible for maritime programs to strengthen the U.S. marine transportation system including infrastructure, industry and labor in order to meet the economic and security needs of the United States. MARAD's many responsibilities include:

- Promoting the development and maintenance of an adequate and well-balanced United States merchant marine.
- Supporting a system that is sufficient to carry the nation's domestic waterborne commerce and a substantial portion of its waterborne foreign commerce.
- Advancing a system that is capable of serving as a naval and military auxiliary in time of war or national emergency.
- Ensuring that the United States maintains adequate shipbuilding and repair services, efficient ports, effective intermodal water and land transportation systems, and reserve shipping capacity for use in time of national emergency.

Marine View (MarView) supports the critical role that the Marine Transportation System (MTS) plays in the nation's economic growth, prosperity, and quality of life. It serves as an information dissemination portal for key transportation decision making by the U.S. Department of Transportation (USDOT), Congress, state transportation officials, waterborne facility owners and operators, the private industry, as well as academic researchers.

MarView projects and activities directly support the priorities of the Maritime Administration's strategic objectives and the U.S. Department of Transportation's strategic goals – specifically contributing to the intermodal system development, global connectivity, environmental stewardship, safety and security goals.

MarView serves three important objectives each in line with the MARAD and USDOT goals:

- First, it provides vital information on many aspects of the MTS system extent, capacity, uses, and performance in an integrated approach that allows users to have access to data from many disparate sources all at one centralized place. The portal is comprehensive in coverage and multimodal in extent – allowing analysis of ports, waterways, vessels, intermodal connections, and relations to nationally significant freight gateways and corridors. This objective contributes to better understanding of system capacity issues that result in multimodal system development and congestion mitigation efforts. It also contributes towards enhancing the system's global reach.
- Second, it also fosters collaborative partnerships between government and private sector – drawing on a successful public-private information sharing arrangement with mutual benefits and significant cost savings. By bringing together information from the marine exchanges and industry-relevant trade information, MarView is meeting the needs of shippers, carriers, and operators and policy decision makers. This objective contributes activities to promoting safety and environmental stewardship through collaboration and knowledge sharing between various levels of government and private sector entities engaged in maritime activities.
- Third, MarView provides a forum for secured security collaboration, dialogue, operations, and information sharing. By providing near real-time and visible display of the entire MTS using current-generation geographic technology, MarView is enabling on-time access to key security information to multiple government agencies. This objective of providing real-time on-demand

service is vital for securing and protecting the MTS infrastructure and supports the USDOT's effort to improve the nation's security, preparedness, and response.

**B. Objective**

The purpose of this Performance Work Statement (PWS) is to seek continued services of a contractor to support and expand MarView's intermodal infrastructure and freight data with maritime cargo information to create a robust unified national picture of the state of maritime activities in the United States and around the world.

**C. Period of Performance**

The period of performance shall be from date of award September 29, 2010 thru January 28, 2011.

**D. Contract Type**

This PWS shall be a time and material bridge contract. The contractor shall furnish the required services at the labor hours and prices listed in Section B.

**E. Scope of Work**

***Task 1: Data Integration***

The MarView Data Integration task consists of loading complex data elements into the core MarView database and business analytic tool. In addition, the data integration activities must include updating the MarView data architecture to sustain the raw data loaded. This task includes:

- Automated loads of federal and commercial data sources into the MarView database repository using several Extracting Transforming and Loading (ETL) methods such as FTP, SQLLoader, Oracle External Tables, Data Pump, and custom developed java code.
- Automated spatial indexing of the data loads though Oracle Spatial and custom java code
- Preparing the data and the data repository for the online MarView Portal, Business Intelligence Tool and Geospatial Tools.
- Manage the MarView repository in a manner that the data loaded has no negative impact on the performance of the database by performing tuning exercises, snapshots, automated monitoring and nightly backups.

The Contractor shall provide Database Administration, Business Intelligence, System Administration and Java Development services in integrating the wide array of data into the MarView environment.

**Required Tools:**

- Oracle Database Server v. 10.2.0.4.0
- Oracle Application Express (APEX) version 3.1
- FTP, SQLLoader
- Oracle External Tables
- Data Pump
- JAVA
- JAVA JDBC API
- Oracle Business Intelligence Enterprise Edition (OBIEE) version 10.1.3.3.2
- Oracle Application Server 10g v. 10.1.2.0.2

**Deliverables:**

- Automated real-time data loads of Automated Identification System (AIS) messages into the MarView database

- Automated real-time data loads of Satellite Vessel Position messages into the MarView database
- Automated daily loads of NGA Piracy data source
- Integration of Federal Rail from FRA data sources
- Integration of MARAD and Commercial Ballast water data sources
- Integration of national and port level freight data
- Upgrade MarView Database from Oracle 10G to Oracle 11G

***Task 2: Portal***

The Portal Application consists of complex applications in support of the data integration efforts that occur in conjunction with the previous task. The core MarView Portal is built upon Oracle Application Express (APEX) version 3.1. The Tasks include:

- Management of existing portal which includes SQL, PL/SQL, JavaScript, Bing Map API's and Java Server Pages
- Administration of role-based permissions through APEX and Oracle Single Sign On (SSO) version 10.1.0.4.2
- Development of new Portal Application based on the integrated data sources using SQL, PL/SQL, JavaScript, Bing Map API's and Java Server Pages
- System integration with other MarView components such as the Business Intelligence and Geospatial Tools

The Contractor shall provide Database Administration, Business Intelligence, System Administration, Java Development and APEX Development services for management and development activities for the MarView Portal.

Required Tools:

- Oracle Database Server v. 10.2.0.4.0
- Oracle Application Express (APEX) version 3.1
- Oracle Single Sign On (SSO) version 10.1.0.4.2
- Oracle Internet Directory (OID) version 10.1.2.1.0
- Oracle Business Intelligence Enterprise Edition (OBIEE) version 10.1.3.3.2
- Oracle Application Server 10g v. 10.1.2.0.2
- JAVA
- JAVA JDBC API

Deliverables:

- Automated real-time reporting application of Automated Identification System (AIS) and Satellite Vessel Position messages

***Task 3: Virtual Marine Transportation System (VMTS)***

The VMTS tasks consist of supporting components to the already established VMTS. The VMTS is a geospatially enabled interface that allows all forms of data to be displayed on a map. In addition the

VMTS is comprised of layers and functionality that present a complete visual picture of the Marine Transportation System. Tasks include:

- Management of existing VMTS system which consists of Visual Fusion Tile Server v. 1.5, Visual Fusion Server v. 4.5, Visual Fusion Experience v.4.5, SharePoint WSS v. 3.0, Silverlight v. 3.0 and Internet Information Server v. 6
- Data connections to the MarView Database and Business Intelligence repositories

The Contractor shall provide Database Administration, Business Intelligence, and Visual Fusion configuration and development services for management and development activities for the VMTS.

Required Tools:

- Oracle Database Server v. 10.2.0.4.0
- Oracle Business Intelligence Enterprise Edition (OBIEE) version 10.1.3.3.2
- Visual Fusion Tile Server v. 1.5
- Visual Fusion Server v. 4.5
- Visual Fusion Experience v.4.5
- .Net Development Platform
- JAVA
- JAVA JDBC API
- SharePoint WSS v. 3.0
- Internet Information Server v. 6

Deliverables:

- Real-time Automated Identification System (AIS) and Satellite Vessel Positions
- Federal Rail Component Layer
- Ballast water Component Layer
- National and port level freight data Component Layer
- Real-time vessel movement events tracking Component Layer
- Automated alert messaging system
- Automated email business intelligence query system

***Task 4: Business Intelligence***

The Business Intelligence Tasks are primarily related to Oracle's Business Intelligence Suite commonly referred to as OBI EE and subject matter expertise in various forms of transportation data. The Business Intelligence within Marview allows various analytic and reporting functions to be performed against the data contained in the MarView database. Tasks include:

- Management of existing Business Intelligence system which consists of Oracle Business Intelligence Enterprise Edition (OBIEE) version 10.1.3.3.2
- Automated and manual data loads from multiple formats (Access, Excel, CSV, ASCII, Database dump files, XML)
- Data cleansing (remove white spaces, leading/trailing blanks, convert special characters)
- Populating OBI EE repository using the OBI EE Administration Tool
- Integration with SSO
- Customized role based permissions
- Functional analysis of the to assure proper relationships of the data as well as protecting the integrity of the overall data architecture

The Contractor shall provide Database Administration, Business Intelligence and Transportation Subject Matter Expertise services for management activities for the Business Intelligence.

#### Required Tools:

- Oracle Database Server v. 10.2.0.4.0
- Oracle Application Express (APEX) version 3.1
- Oracle Single Sign On (SSO) version 10.1.0.4.2
- Oracle Internet Directory (OID) version 10.1.2.1.0
- Oracle Business Intelligence Enterprise Edition (OBIEE) version 10.1.3.3.2
- Oracle Application Server 10g v. 10.1.2.0.2

#### Subject Matter Areas:

- Ports
- Vessels
- Cargo
- National Bridge Inventory
- National Inventory of Dams
- USACE Locks
- North American Railroads
- Shipyards
- Rail Shipments by Port

---

#### ***Task 5: Operation and Maintenance***

The Operation and Maintenance of MarView tasks support all technical components of the system. It is vital that the system, as a whole, is constantly managed, configured and upgraded to support the changes. In addition, this task entails the daily administration such as health checks, backups and performance monitoring. Tasks include:

- Work closely with the Stennis National Center for Critical Information Processing and Storage (NCCIPS) network team on address specifications, required ports, bandwidth tuning
- Interface with NCCIPS Change Management process including drafting, presenting, and implementing Change Requests in coordination with NCCIPS Change Control Board and Project Management team
- Work with NCCIPS personnel to ensure that visiting vendor personnel have proper security credentials to enter the Stennis and NCCIPS sites, and that equipment requirements are met to ensure successful engagements
- Design, install, configure Operating Systems such as Solaris, AIX and Windows
- Requires the ability to “right-size” the hosts to avoid overbuying or under-buying based on intended mission
- Maintenance includes patching and performance tuning on all platforms
- Requires installation, maintenance, and utilization of specialized installation resources like Sun Jumpstart, Solaris Live Upgrade, IBM NIM, AIX Alt-Disk-Installation
- Includes designing and configuring the Virtual Machines, provisioning their storage, installing their operating systems, tuning their performance, and integrating them into the backup and monitoring systems
- Design, install, configure and maintain Storage Components

- Maintenance includes performance tuning of storage system to prevent I/O bottlenecks
- Design, install, configure and maintain the above Backup Components
- Security hardening of systems using Dept of Defense DIACAP process, standards, controls, procedures, and documentation and Security Technical Implementation Guides (STIGs) for target systems
- Installation, configuration, and maintenance of “easyCMDB” configuration management system
- Configuration, maintenance, and operation of systems monitoring systems, primarily Hobbit running on Solaris
- Operational surveillance using system monitors of the SAN, TSM backup system, and Symantec anti-virus systems
- Specification, requisition, and installation of power components within the racks; including planning to ensure that overall power loads remain within safe limits
- Management of hardware and software support contracts and licenses for Microsoft, Cisco, Dell/EMC, HP, IBM, Sun, VMWare, Symantec and McAfee
- Interfacing with vendor Tech Support to engage them for on-site maintenance and repair
- Required understanding of the maintenance contracts and warranties in force and the processes to engage their personnel

The Contractor shall provide System Administration services for operation and maintenance activities of the entire MarView environment.

Required Tools:

- Cisco 3750G gigabit switches
- Cisco 3000 VPN Concentrator
- Cisco Pix515e Firewall
- Cisco 2811 Router
- Microsoft Windows Server 2003 and 2008
- Sun Solaris 10, both SPARC and x86
- IBM AIX 6.1 and Virtual I/O Server 2.1
- VMWare Server
- VMWare ESX
- Sun Zones
- IBM Dynamic LPARs
- EMC Clariion storage array
- Brocade FC switches
- IBM Tivoli Storage Manager 5.5
- Microsoft Windows 2003 host running on HP Proliant server
- Dell LTO-3 multi-drive tape library
- easyCMDB

Deliverables:

- Daily system backups of all MarView systems
- Weekly restores performed to assure the backups are valid
- Upgrade of all SAN software components to assure peak storage performance
- Migration from SUN T-2000 to IBM Power 550
- 99% Uptime for all MarView Systems and Components

**F. Place of Performance**

The work shall be performed in the John C. Stennis Space Center Mississippi and the Washington, DC metropolitan area. This is to ensure close collaboration with the NCCIPS Datacenter located at the John C. Stennis Space Center in Mississippi, the MARAD Headquarters staff and MarView project managers located at 1200 New Jersey Avenue, SE, Washington, D.C. 20590.

**G. Inspection and Acceptance**

Inspection and acceptance of the services called for hereunder shall be performed in accordance with the instructions of the basic contract and described under Section I below.

**H. Project Management**

The contractor shall work very closely with MARAD staff on each phase of the performance of this PWS to ensure timely execution and delivery of each component throughout the entire project period.

The contractor shall provide a monthly work report to the MARAD project manager. The monthly report shall include tasks performed by contractor staff, the ongoing work for the current reporting period; any problems encountered and implemented solutions, and other related issues.

**I. Deliveries and Performance**

Delivery and performance of the services called for hereunder shall be performed in accordance with the instructions of the basic contract, in addition to:

- Period of Performance: The period of performance of this PWS is from the September 27, 2010 thru January 26, 2011.
- Deliveries: The deliverables with due dates and performance measures are delineated in the milestones and due date respectively, of this PWS.

All written deliverables shall be provided in layperson language. All software deliverables submitted shall include all the executable code and original compiler code to allow the Government to make changes to such code in the future. The final codes delivered shall be the property of the Government and can be used by the Government in modifying, improving, and upgrading the application.

- Inspection and Acceptance: On an ongoing basis, MARAD personnel will conduct inspections of the contractor's work, primarily evaluating services rendered under this contract and for recommending acceptance or replacement/correction of services or materials that fail to meet the contract requirements to the Contracting Officer. Government inspection and acceptance of services, data reports and other required deliverables or outputs shall take place at the MARAD Headquarters in Washington, DC at any other location where the COTR authorizes the services to be performed.

The Contracting Officer's Technical Representative (COTR), who is an authorized technical representative of the Contracting Officer, shall perform acceptance of services and deliverables under this contract. Final acceptance of all services under this contract shall be made in writing by the COTR.

**J. Contract Administration Data**

The contract administration data of the basic contract applies to this requirement as well as the following:

- COTR: The Contracting Officer's Technical Representative (COTR) for this requirement will be Mr. Louis Effa, email: [Louis.Effa@dot.gov](mailto:Louis.Effa@dot.gov), phone: 202-366-9727.

Payments: Invoices for this requirement may be submitted monthly to [MaradInvoices@faa.gov](mailto:MaradInvoices@faa.gov) by the contractor in accordance with a schedule agreed upon with the COTR.

**K. Special Contract Requirements**

During the course of normal duties, the contractor staff may work with or come into contact with confidential transportation data and information from USDOT Modal Administrations, other government agencies and private industry. MARAD operates under strict nondisclosure rules, which provides, in summary, that no confidential information may be used for any purpose other than the purpose for which it was supplied, and that such information may not be published or released to any unauthorized person. Given these restrictions on use of confidential data, the contractor shall be required to ensure that any such data it comes into contact with shall not be disclosed and or used for any other purposes.

**L. Travel**

As needed, travel shall be authorized by the MARAD authorized government COTR to have the contractor meet with MarView data users and stakeholders. Should the COTR determine that travel is needed after the award, approval for the travel shall be pre-approved in writing by the COTR.

On an as-needed basis, the contractor shall attend meetings at the MARAD Headquarters at 1200 New Jersey Avenue, S.E., Washington, D.C. 20590.

Invoices for travel expense shall be in accordance with Federal Travel Regulations (FTR) and shall be submitted and paid in accordance to such regulations.

	<b>Document No.</b> DTMA1F10125	<b>Document Title</b> ActioNet - MarView	Page 13 of15
--	------------------------------------	---	--------------

TABLE OF CONTENTS

SECTION I -- Contract Clauses	14
I.1    Qualifications of Employees	14
I.2    Personal Identity Verification of Contractor Personnel	14

	<b>Document No.</b> DTMA1F10125	<b>Document Title</b> ActioNet - MarView	Page 14 of 15
--	------------------------------------	---	---------------

SECTION I -- CONTRACT CLAUSES

I.1 1252.237- QUALIFICATIONS OF EMPLOYEES  
70

MAY 2005

a. Definitions. As used in this clause- "Sensitive Information" is any information that, if subject to unauthorized access, modification, loss, or misuse, or is proprietary data, could adversely affect the national interest, the conduct of Federal programs, or the privacy of individuals specified in The Privacy Act, 5 U.S.C. 552a, but has not been specifically authorized under criteria established by an Executive Order or an Act of Congress to be kept secret in the interest of national defense or foreign policy.

b. Work under this contract may involve access to sensitive information which shall not be disclosed, by the contractor unless authorized in writing by the contracting officer. To protect sensitive information, the contractor shall provide training to any contractor employees authorized to access sensitive information, and upon request of the Government, provide information as to an individual's suitability to have authorization.

c. The Contracting Officer may require dismissal from work those employees deemed incompetent, careless, insubordinate, unsuitable, or otherwise objectionable, or whose continued employment is deemed contrary to the public interest or inconsistent with the best interest of national security.

d. Contractor employees working on this contract must complete such forms, as may be necessary for security or other reasons, including the conduct of background investigations to determine suitability. Completed forms shall be submitted as directed by the Contracting Officer. Upon the Contracting Officer's request, the Contractor's employees shall be fingerprinted, or subject to other investigations as required.

e. The Contractor shall ensure that contractor employees are:

(1) Citizens of the United States of America or an alien who has been lawfully admitted for permanent residence or employment (indicated by immigration status) as evidenced Bureau of Citizenship and Immigration Services documentation; and

(2) Have background investigations according to DOT Order 1630.2B, Personnel Security Management.

f. The Contractor shall immediately notify the contracting officer when an employee no longer requires access to DOT computer systems due to transfer, completion of a project retirement or termination of employment.

g. The Contractor shall include the substance of this clause in all subcontracts at any tier where the subcontractor may have access to Government facilities, sensitive information, or resources.

(End of clause)

I.2 52.204-09 PERSONAL IDENTITY VERIFICATION OF CONTRACTOR PERSONNEL SEPTEMBER 2007

(a) The Contractor shall comply with agency personal identity verification procedures identified in the contract that implement Homeland Security Presidential Directive-12 (HSPD-12), Office of Management and Budget (OMB) guidance M-05-24 and Federal Information Processing Standards Publication (FIPS PUB) Number 201.

	<b>Document No.</b> DTMA1F10125	<b>Document Title</b> ActioNet - MarView	Page 15 of 15
--	------------------------------------	---	---------------

(b) The Contractor shall insert this clause in all subcontracts when the subcontractor is required to have routine physical access to a Federally-controlled facility and/or routine access to a Federally-controlled information system.

(End of clause)