ORDER FOR SUPPLIES OR SERVICES

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

1. DATE OF ORDER: 07/01/2009
2. CONTRACT NO. (if any): GS07F8897D
3. ORDER NO.: HSBP1009F27084
4. REQUISITION/REFERENCE NO.: 0020029396
5. ISSUING OFFICE (Address correspondence to)
   Department of Homeland Security
   Customs and Border Protection
   1300 Pennsylvania Ave NW
   NP 1310
   Washington DC 20229

6. SHIP TO:
   a. NAME OF CONSIGNEE
   See Attached Delivery Schedule
   b. STREET ADDRESS
   c. CITY
   d. STATE
   e. ZIP CODE
   f. SHIP VIA

7. TO:
   a. NAME OF CONTRACTOR
   AMERICAN SCIENCE & ENGINEERING
   b. COMPANY NAME
   c. STREET ADDRESS
   829 MIDDLESEX TPKE
   d. CITY: BILLERICA
   e. STATE: MA
   f. ZIP CODE: 01821-3907

8. TYPE OF ORDER
   [ ] a. PURCHASE - Reference Your _____
   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.
   [X] 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.

9. ACCOUNTING AND APPROPRIATION DATA

10. REQUISITIONING OFFICE
   [redacted]
   202-[redacted]

11. BUSINESS CLASSIFICATION (Check appropriate box(es))
   [X] a. SMALL
   [ ] b. OTHER THAN SMALL
   [ ] c. DISADVANTAGED
   [ ] d. WOMEN-OWNED
   [ ] e. HUBZone
   [ ] f. EMERGING SMALL BUSINESS
   [ ] g. SERVICE-DISABLED VETERAN-OWNED

CONTRACTOR TIN: [redacted]

12. F.O.B. POINT: Destination

13. PLACE OF
   a. INSPECTION
   b. ACCEPTANCE

14. GOVERNMENT B/L NO.

15. DELIVER TO F.O.B POINT ON OR BEFORE (Date): 09/30/2009

16. DISCOUNT TERMS

17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QTY Accpt (g)
00010	ZBV Large Scale NII Img. System	1.00	EA	[redacted]	[redacted]	
00020	ZBV Large Scale NII Img. System	1.00	EA			
00030	Other Services-Training	1.00	AU			
00040	Other Services-Training	1.00	AU			

18. SHIPPING POINT
19. GROSS SHIPPING WEIGHT
20. INVOICE NO.

17(h) TOT. (Cont. pages): $0.00

21. MAIL INVOICE TO:
   a. NAME: DHS - Customs & Border Protection National Finance Center
   b. STREET ADDRESS (or P.O. Box): PO Box 68908
   STATE: IN
   e. ZIP CODE: 46268

SEE BILLING INSTRUCTIONS ON REVERSE

17(i) GRAND TOTAL: $1,589,589.00

22. UNIT[redacted]
   BY (Sig[redacted]
   AUTHOR[redacted]
   Previous[redacted]

23. NAME (Typed)
   Anthony Harvin
   TITLE: CONTRACTING/ORDERING OFFICER

OPTIONAL FORM 347 (REV. 4/2006)
Prescribed by GSA/FAR 48 CFR 53.213 (f)

Federal Tax Exempt ID: 72-0408780

Emailing Invoices to CBP. As an alternative to mailing invoices to the National Finance Center as shown on page one of this award, you may email invoices to: **cbpinvoices@dhs.gov.**

NOTES:

The purpose of the Order is to acquire two (2) ZBV Large Scale NII Imaging Systems and training for San Ysidro, CA and El Paso, TX.

The Contractor shall fulfill CLIN 00010, 0020, 0030 AND 0040 in accordance with the quote 19060-6, dated 09-MAR-2009 in the amount of (b) (4) [redacted] submitted by American Science & Engineering (AS&E) and the associated statement of work, Attachment 1.

By accepting this order, the Contractor agrees to receive payment via Electronic Funds Transfer (EFT).

The Order number (Block 3) shall be referenced on the invoice.

Customs and Border Protection Federal tax Exempt Number is 72-04-08-780.

Vendor is registered in the CCR (Central Contractor Registration).

Contract Specialist:

(b) (6) [redacted] at 202-(b) (6) [redacted] or (b) (6) [redacted]@associates.dhs.gov

Billing Contact:

(b) (6) [redacted] at 202-(b) (6) [redacted] or (b) (6) [redacted]dhs.gov

Vendor Note:

All original invoices must be provided to Customs and Border Protection, national Finance Center, P.O. Box 68908, Indianapolis, IN 46268-0908 or submit invoices via email to cbpinvoices@dhs.gov.

Provide an additional copy of the Billing Point of Contact as shown above.

ITEMS AND PRICES, DELIVERY SCHEDULE AND ACCOUNTING DATA
FOR
DELIVERY ORDER: HSBP1009F27084

SCHEDULE OF SUPPLIES/SERVICES

Item Number: 00010 **Line Item (Priced/Information/Option):** P
Supplies/Services: ZBV Large Scale NII Img. System

Qty	Unit	Unit Price	Ext. Price
1	EA	(b) (4)	(b) (4)

Item Number: 00020 **Line Item (Priced/Information/Option):** P
Supplies/Services: ZBV Large Scale NII Img. System

Qty	Unit	Unit Price	Ext. Price
1	EA	(b) (4)	(b) (4)

Item Number: 00030 **Line Item (Priced/Information/Option):** P
Supplies/Services: Other Services-Training

Qty	Unit	Unit Price	Ext. Price
1	AU	(b) (4)	(b) (4)

Item Number: 00040 **Line Item (Priced/Information/Option):** P
Supplies/Services: Other Services-Training

Qty	Unit	Unit Price	Ext. Price
1	AU	(b) (4)	(b) (4)

Total Funded Contract Value: **$1,589,589.00**

ACCOUNTING AND APPROPRIATION INFORMATION

Item: 00010 1750.3111USCSGLCS0923100110Z00009400AP06 509033111 **Amount** (b) (4)

Item: 00020 1750.3111USCSGLCS0923100110Z00009400AP06 509033111 **Amount** (b) (4)

Item: 00030 6100.2525USCSGLCS0923100110Z00009400AP06 509032525 **Amount** (b) (4)

Item: 00040 6100.2525USCSGLCS0923100110Z00009400AP06 509032525 **Amount** (b) (4)

DELIVERY SCHEDULE

Deliver To: Customs and Border Protection

1300 Pennsylvania Avenue N W
Ronald Reagan Federal Building
Washington DC 20229

Instructions:

Item	Quantity	Delivery Date	Recipient	Unloading PT.
00030	1	(b) (4)		
00040	1	(b) (4)		

Deliver To: Customs and Border Protection

10720-N Richmond Highway

Lorton VA 22079

Instructions:

Item	Quantity	Delivery Date	Recipient	Unloading PT.
00010	1	(b) (4)		
00020	1	(b) (4)		

ACCOUNTING AND APPROPRIATION INFORMATION

Item: 00010	1750.3111USCSGLCS0923100110Z00009400AP06 509033111	**Amount** (b) (4)
Item: 00020	1750.3111USCSGLCS0923100110Z00009400AP06 509033111	**Amount** (b) (4)
Item: 00030	6100.2525USCSGLCS0923100110Z00009400AP06 509032525	**Amount** (b) (4)
Item: 00040	6100.2525USCSGLCS0923100110Z00009400AP06 509032525	**Amount** (b) (4)

DELIVERY SCHEDULE

Deliver To: Customs and Border Protection

San Ysidro CA

Instructions:

Item	Quantity	Delivery Date	Recipient	Unloading PT.
00030	1	(b) (4)		
00040	1	(b) (4)		

Deliver To: Customs and Border Protection

El Paso, TX

Instructions:

Item	Quantity	Delivery Date	Recipient	Unloading PT.
00010	1	(b) (4) [redacted]		
00020	1	(b) (4) [redacted]		

U.S. CUSTOMS AND BORDER PROTECTION
Department of Homeland Security

Memorandum

March 30, 2009

To: Linda Krough, Contracting Officer, Office of Procurement

From: (b) (6) [redacted], Program Manager, Interdiction Technology Branch, (ITB)

Subject: CHANGE OF LOCATION OF BACKSCATTER VAN (ZBV) FROM MAYAGUEZ, PR TO EL PASO, TX

Reference: GSA Contract Number GS-07F-8897D, listed in Group 84 Part VI, Section A, Law Enforcement and Security Enforcement

There has been a change in location for the delivery of one of the Backscatter Vans (VBV). The ZBV planned for Mayaguez, PR will be delivered to El Paso, TX.

The final proposal (19060-4 dated 12-March-2009) has been reviewed and was determined to be reasonably and technically acceptable.

The ZBV systems are planned for the following locations with no later than dates:

San Ysidro, CA (1 unit)
El Paso, TX (1 unit)

(b) (4)

The funding for these systems will be under PR#20029396 that was previously approved by DHS (Request ID# HQ00232) above $2.5M.

If you should have any questions please feel free to contact me at 202(b) (6) [redacted] or (b) (6) [redacted] at 202-(b) (6) [redacted]

(b) (6)

Vigilance ★ Service ★ Integrity

10.a

PURCHASE DESCRIPTION

The U.S Customs and Border Protection requests a quote under American Science and Engineering's (AS&E) Federal Supply Schedule Contract GS-97F-8897D for two Z-Backscatter Vans as described below:

1. Z-Backscatter Vans and optional features

Each unit shall include the harsh environment package, Radiation Threat Detection, Stationary Scan and the latest operating software upgrades.

2. Maintenance Support – Will be provided under a separate contract from CBP with the OEM.

3. Operator Training

Operator Training shall be provided using the AS&E CBP developed course materials that were delivered under Delivery Order HSBP1006F13487. The contractor shall provide four (4) course presentations, two per delivery location. The price of the first presentation for each location shall provide a price reduction reflecting the built in cost of training that is included in the GSA cost for the system.

3. Delivery

The units shall be delivered, F.O.B. Destination following the satisfactory completion of factory acceptance testing, and subject to on-site acceptance testing to:

San Ysidro, CA	(1 unit)	(b) (4)
Mayaguez, PR	(1 unit)	

The above location is subject to change due to unforeseen issues that may occur as a result of CBP requirement changes.

The following terms and conditions shall also apply:

4. Section 508 Compliance

Section 508 of the Rehabilitation Act (29 U.S.C. 794d), as amended by the Workforce Investment Act of 1998 (P.L. 105-220), August 7, 1998, requires that when Federal agencies develop, procure, maintain, or use electronic and information technology, they must ensure that it is accessible to people with disabilities. Federal employees and members of the public who have disabilities must have access to and use of information and services that is comparable to the access and use available to non-disabled Federal employees and members of the public.

Attachment 1

STATEMENT OF WORK

U.S. CUSTOMS AND BORDER PROTECTION

INTERDICTION TECHNOLOGY BRANCH
CONTAINER SECURITY INITIATIVE DIVISION

HSBP1009F27084

PURCHASE DESCRIPTION

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1. Z-Backscatter Vans and optional features

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No Applicable Technical Standards were determined for this work statement. This acquisition has exceptions to Section 508 that will be applied.

Exceptions for this work statement have been determined by DHS and only the exceptions described herein shall be applied. Any request for additional exceptions shall be sent to the COTR and determination will be made in accordance with DHS MD 4010.2. DHS has identified the following exceptions that may be applied:

36 CFR 1194.3(e) - Fundamental Alteration, applies to the portions of this work statement where the item requires changes to comply with Section 508 and would render the acquired item useless for its intended purpose. After reviewing the business needs for this work statement, the acquired or developed product is meant to provide information through sight, sound and text concurrently in order for a user to interpret collectively. In order to comply with Section 508, supporting the functional performance criteria would render this product useless and thereby fail to support business requirements. DHS has authorized this exception for the imaging system within this work statement. In addition, the training provided was determined to be a simulated effort to the imaging system with the same requirements and is thereby authorized to apply this exception.

36 CFR 1194.3(b) – Incidental to Contract, all EIT that is exclusively owned and used by the contractor to fulfill this work statement does not require compliance with Section 508. This exception does not apply to any EIT deliverable, service or item that will be used by any Federal employee(s) or member(s) of the public. This exception only applies to those contractors assigned to fulfill the obligations of this work statement and for the purposes of this requirement, are not considered members of the public.

36 CFR 1194.3(f) – Back Office, applies to any EIT item that will be located in spaces frequented only by service personnel for maintenance, repair, or occasional monitoring of equipment. This exception does not include remote user interfaces that are accessible outside the enclosed "space".

5. Information Technology Security – Basic requirements

The Contractor shall adhere to all DHS and CBP IT security policies, including the guidelines and policies stated in the Department of Homeland Security (DHS) Management Directive (MD) Number 4300.1, issued 3/1/2003, titled *Information Technology Systems Security*. This policy mandates DHS organizational elements, including contractors, follow guidelines outlined in the DHS Sensitive Systems Policy Directive 4300A, *Information Technology Security Program*, version 5.5, 10/30/07, and the DHS MD 4300A, DHS Sensitive Systems Handbook, *Information Technology Security Program*, version 5.5, 10/30/07 with attachments.

DHS Directive 4300A outlines the management, operational, and technical baseline security requirements (BLSR) for DHS Components to ensure confidentiality, integrity, availability, authenticity, and non-repudiation of sensitive information systems. The directive was developed in accordance with various Executive orders, public laws, and national policy, including the Federal Information Security Management Act (FISMA) of 2002, various National Institute of Standards and Technology (NIST) publications, and the Office of Management and Budget (OMB) Circular A-130, *Management of Federal Information Resources*. The 4300A Handbook

provides greater detail of the BLSRs, including the roles and responsibilities associated with each.

CBP shall provide personnel with the appropriate clearance levels to support the security certification/accreditation processes under this Agreement in accordance with DHS MD 4300A, DHS Sensitive Systems Policy and Handbook. During all SDLC phases of CBP systems, CBP personnel shall develop documentation and provide any required information for all levels of classification in support of the certification/accreditation process. In addition, all security certification/accreditation will be performed using the DHS certification/accreditation process, methodology and tools.

6. HSAR 3052.204-70. SECURITY REQUIREMENTS FOR UNCLASSIFIED INFORMATION TECHNOLOGY RESOURCES (JUN 2006)

(a) The Contractor shall be responsible for Information Technology (IT) security for all systems connected to a DHS network or operated by the Contractor for DHS, regardless of location. This clause applies to all or any part of the contract that includes information technology resources or services for which the Contractor must have physical or electronic access to sensitive information contained in DHS unclassified systems that directly support the agency's mission.

(b) The Contractor shall provide, implement, and maintain an IT Security Plan. This plan shall describe the processes and procedures that will be followed to ensure appropriate security of IT resources that are developed, processed, or used under this contract.

(1) Within 60 days after contract award, the contractor shall submit for approval its IT Security Plan, which shall be consistent with and further detail the approach contained in the offeror's proposal. The plan, as approved by the Contracting Officer, shall be incorporated into the contract as a compliance document.

(2) The Contractor's IT Security Plan shall comply with Federal laws that include, but are not limited to, the Computer Security Act of 1987 (40 U.S.C. 1441 et seq.); the Government Information Security Reform Act of 2000; and the Federal Information Security Management Act of 2002; and with Federal policies and procedures that include, but are not limited to, OMB Circular A-130.

(3) The security plan shall specifically include instructions regarding handling and protecting sensitive information at the Contractor's site (including any information stored, processed, or transmitted using the Contractor's computer systems), and the secure management, operation, maintenance, programming, and system administration of computer systems, networks, and telecommunications systems.

(c) Examples of tasks that require security provisions include:

(1) Acquisition, transmission or analysis of data owned by DHS with significant replacement cost should the contractor's copy be corrupted; and

(2) Access to DHS networks or computers at a level beyond that granted the general public (e.g., such as bypassing a firewall).

(d) At the expiration of the contract, the contractor shall return all sensitive DHS information and IT resources provided to the contractor during the contract, and certify that all non-public DHS information has been purged from any contractor-owned system. Components shall conduct reviews to ensure that the security requirements in the contract are implemented and enforced.

(e) Within 6 months after contract award, the contractor shall submit written proof of IT Security accreditation to DHS for approval by the DHS Contracting Officer. Accreditation will proceed according to the criteria of the DHS Sensitive System Policy Publication, 4300A (Version 2.1, July 26, 2004) or any replacement publication, which the Contracting Officer will provide upon request. This accreditation will include a final security plan, risk assessment, security test and evaluation, and disaster recovery plan/continuity of operations plan. This accreditation, when accepted by the Contracting Officer, shall be incorporated into the contract as a compliance document. The contractor shall comply with the approved accreditation documentation.

7. HSAR 3052.204-71. CONTRACTOR EMPLOYEE ACCESS (JUN 2006)

(a) *Sensitive Information,* as used in this Chapter, means any information, the loss, misuse, disclosure, or unauthorized access to or modification of which could adversely affect the national or homeland security interest, or the conduct of Federal programs, or the privacy to which individuals are entitled under section 552a of title 5, United States Code (the Privacy Act), but which 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, homeland security or foreign policy. This definition includes the following categories of information:

(1) Protected Critical Infrastructure Information (PCII) as set out in the Critical Infrastructure Information Act of 2002 (Title II, Subtitle B, of the Homeland Security Act, Public Law 107-296, 196 Stat. 2135), as amended, the implementing regulations thereto (Title 6, Code of Federal Regulations, Part 29) as amended, the applicable PCII Procedures Manual, as amended, and any supplementary guidance officially communicated by an authorized official of the Department of Homeland Security (including the PCII Program Manager or his/her designee);

(2) Sensitive Security Information (SSI), as defined in Title 49, Code of Federal Regulations, Part 1520, as amended, "Policies and Procedures of Safeguarding and Control of S SI," as amended, and any supplementary guidance officially communicated by an authorized official of the Department of Homeland Security (including the Assistant Secretary for the Transportation Security Administration or his/her designee);

(3) Information designated as "For Official Use Only," which is unclassified information of a sensitive nature and the unauthorized disclosure of which could adversely impact a person's privacy or welfare, the conduct of Federal programs, or other programs or operations essential to the national or homeland security interest; and

(4) Any information that is designated "sensitive" or subject to other controls, safeguards or protections in accordance with subsequently adopted homeland security information handling procedures.

(b) "Information Technology Resources" include, but are not limited to, computer equipment, networking equipment, telecommunications equipment, cabling, network drives, computer

drives, network software, computer software, software programs, intranet sites, and internet sites.

(c) 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. All contractor employees requiring recurring access to Government facilities or access to sensitive information or IT resources are required to have a favorably adjudicated background investigation prior to commencing work on this contract unless this requirement is waived under Departmental procedures.

(d) The Contracting Officer may require the contractor to prohibit individuals from working on the contract if the government deems their initial or continued employment contrary to the public interest for any reason, including, but not limited to, carelessness, insubordination, incompetence, or security concerns.

(e) Work under this contract may involve access to sensitive information. Therefore, the Contractor shall not disclose, orally or in writing, any sensitive information to any person unless authorized in writing by the Contracting Officer. For those contractor employees authorized access to sensitive information, the contractor shall ensure that these persons receive training concerning the protection and disclosure of sensitive information both during and after contract performance.

(f) 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.

(g) Before receiving access to IT resources under this contract the individual must receive a security briefing, which the Contracting Officer's Technical Representative (COTR) will arrange, and complete any nondisclosure agreement furnished by DHS.

(h) The contractor shall have access only to those areas of DHS information technology resources explicitly stated in this contract or approved by the COTR in writing as necessary for performance of the work under this contract. Any attempts by contractor personnel to gain access to any information technology resources not expressly authorized by the statement of work, other terms and conditions in this contract, or as approved in writing by the COTR, is strictly prohibited. In the event of violation of this provision, DHS will take appropriate actions with regard to the contract and the individual(s) involved.

(i) Contractor access to DHS networks from a remote location is a temporary privilege for mutual convenience while the contractor performs business for the DHS Component. It is not a right, a guarantee of access, a condition of the contract, or Government Furnished Equipment (GFE).

(j) Contractor access will be terminated for unauthorized use. The contractor agrees to hold and save DHS harmless from any unauthorized use and agrees not to request additional time or money under the contract for any delays resulting from unauthorized use or access.

(k) Non-U.S. citizens shall not be authorized to access or assist in the development, operation, management or maintenance of Department IT systems under the contract, unless a waiver has been granted by the Head of the Component or designee, with the concurrence of both the Department's Chief Security Officer (CSO) and the Chief Information Officer (CIO) or their designees. Within DHS Headquarters, the waiver may be granted only with the approval of both the CSO and the CIO or their designees. In order for a waiver to be granted:

(1) The individual must be a legal permanent resident of the U. S. or a citizen of Ireland, Israel, the Republic of the Philippines, or any nation on the Allied Nations List maintained by the Department of State;

(2) There must be a compelling reason for using this individual as opposed to a U. S. citizen; and

(3) The waiver must be in the best interest of the Government.

(l) Contractors shall identify in their proposals the names and citizenship of all non-U.S. citizens proposed to work under the contract. Any additions or deletions of non-U.S. citizens after contract award shall also be reported to the contracting officer.

8. 52.204-9 Personal Identity Verification of Contractor Personnel

(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) 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.

9. **Interconnection Security Agreements**

Interconnections between DHS and non-DHS IT systems shall be established through controlled interfaces and via approved service providers. The controlled interfaces shall be accredited at the highest security level of information on the network. Connections with other Federal agencies shall be documented based on interagency agreements; memoranda of understanding, service level agreements or interconnect service agreements. Components shall document interconnections with other external networks with an Interconnection Security Agreement (ISA). Interconnections between DHS Components shall require an ISA when there is a difference in the security categorizations for confidentiality, integrity, and availability for the two networks. ISAs shall be signed by both Designated Approval Authority (DAAs) or by the official designated by the DAA to have signatory authority.

10. Enterprise Architecture

The contractor shall ensure that the design of its LS NII hardware, systems' software applications and infrastructure components conform to the Homeland Security (HLS) and Customs and Border Protection (CBP) enterprise architecture (EA), the HLS and CBP technical reference models (TRM), and all HLS and CBP policies and guidelines as promulgated by the Department of Homeland Security (DHS) and CBP Chief Information Officers (CIO), Chief Technology Officers (CTO) and Chief Architects (CA) such as the CBP Information Technology Enterprise Principles and the DHS Service Oriented Architecture - Technical Framework.

The contractor's LS NII systems shall conform to the federal enterprise architecture (FEA) model and the HLS and CBP versions of the FEA model as described in their respective EAs. Models will be submitted using Business Process Modeling Notation (BPMN) for all models. Universal Modeling Language (UML2) may be used for infrastructure only. Data semantics shall be in conformance with the National Information Exchange Model (NIEM). Development solutions will also ensure compliance with the current version of the HLS and CBP target architectures.

Where possible, the contractor shall use HLS/CBP approved products, standards, services, and profiles as reflected by the hardware software, application, and infrastructure components of the HLS/CBP TRM/standards profile. If new hardware, software and infrastructure components are required to develop, test, or implement the program, these products will be coordinated through the HLS and CBP formal technology insertion process which includes a trade study with no less than four alternatives, one of which shall reflect the status quo and one shall reflect multi-agency collaboration. The HLS/CBP TRM/standards profile will be updated as technology insertions are accomplished.

All data assets, information exchanges and data standards, whether adopted or developed, shall be submitted to the DHS Enterprise Data Management Office (EDMO) for review and insertion into the DHS Data Reference Model.

The Contracting Officer (KO), Contracting Officer's Technical Representative (COTR) or Program Manager (PM) will determine the contractor's "need to know" regarding access to CBP HLS EA information and sponsor vendor personnel for a DHS Interactive account to access the HLS EA. The HLS EA is available to all DHS Interactive account holders.

11. IPv6

In compliance with OMB mandates, all network hardware provided under the scope of this Statement of Work and associated Task Orders shall be IPv6 compatible without modification, upgrade, or replacement.

12. DHS Information Technology Portfolio Alignment

The NII technologies align with the DHS IT Portfolio below:

Screening/Watchlist/Credentialing - Includes all activities that support the tracking and monitoring of travelers, conveyances and cargo crossing U.S. borders, and traffic pattern

analysis, database (Federal, State, and Local) linking and querying, and managing status verification and tracking systems. Different investments and systems may support distinct screening and watchlist activities for people, cargo, and tangible goods. Credentialing encompasses all activities that determine a person's eligibility for a particular license, privilege, or status, from application for the credential through issuance, use, and potential revocation of the issued credential.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.	3. EFF. DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
P00001	08/27/2009	0020029396	

6. ISSUED BY CODE 7014

Department of Homeland Security
Customs and Border Protection
1300 Pennsylvania Ave NW
NP 1310
Washington DC 20229

7. ADMINISTERED BY *(If other than Item 6)* CODE

Dept of Homeland Security
Customs and Border Protection
Procurement Directorate - NP 1310
1300 Pennsylvania Ave., NW
Washington DC 20229

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and Zip Code)*

AMERICAN SCIENCE & ENGINEERING

829 MIDDLESEX TPKE
BILLERICA MA 01821-3907

CODE 001767763 FACILITY CODE

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

X **10A. MODIFICATION OF CONTRACT/ORDER NO.** / HSBP1009F27084

10B. DATED *(SEE ITEM 13)* 07/01/2009

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. FAR 43.103(b)
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(Such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103 (b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor [X] is not [ ] is required to sign this document and return _____ copies to issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this no cost administrative Delivery Order HSBP1009F27084, Modification P00001 is a change in location for the delivery and Government Acceptance Test (SAT) dates for the two (2) Z-Backscatter Vans (ZVB's) as follows:

From: El Paso, TX (1 unit) (b) (4) [redacted]
San Ysidro, CA (1 unit) (b) (4) [redacted]

To: El Paso, TX (1 unit) (b) (4) [redacted]
Otay Mesa, CA (1 unit) (b) (4) [redacted]

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A NAME AND TITLE OF SIGNER *(Type or print)*

(b) (6) [redacted]

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

DATE SIGNED 12/05

NSN 7540-01-152-8070
PREVIOUS EDITION UNUSABLE

Prescribed by GSA FAR (48 CFR) 53.243

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT - Continuation			1. CONTRACT ID CODE	
2. AMENDMENT/MODIFICATION NO. P00001	3. EFF. DATE 08/27/2009	4. REQUISITION/PURCHASE REQ. NO. 0020029396	PAGE 2	OF PAGES 2

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

All other terms and conditions remain unchanged