

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE R		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. P00041		3. EFF. DATE 10/30/2007	4. REQUISITION/PURCHASE REQ. NO. 0020034113		5. PROJECT NO. (If applicable) Not Applicable	
6. ISSUED BY Department of Homeland Security Customs & Border Protection 1300 Pennsylvania Ave NW NP 1310 Washington DC 20229		CODE 7014	7. ADMINISTERED BY (If other than Item 6) Dept of Homeland Security Customs & Border Protection Office of Procurement - NP 1310 1300 Pennsylvania Ave. NW Washington DC 20229		CODE 7014	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and Zip Code) CHENEGA TECHNOLOGY SERV CORP  5971 KINGSTOWNE VILLAGE PKY STE 100 ALEXANDRIA VA 22315-5891  CODE 048418730 FACILITY CODE			9A. AMENDMENT OF SOLICITATION NO.			
			9B. DATED (SEE ITEM 11)			
			10A. MODIFICATION OF CONTRACT/ORDER NO. X HSBP1004C00193 /			
			10B. DATED (SEE ITEM 13) 09/11/2003			

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)

See ATTACHED

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.	
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).	
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR 52.232-22 Limitation of Funds and Mutual Agreement of the Parties
	D. OTHER (Specify type of modification and authority) Mutual Agreement of the Parties

E. IMPORTANT: Contractor  is not  is required to sign this document and return 1 copies to issuing office.

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

This modification is issued to provide incremental funding in the amount of \$8,419,964.00 for Option Year 4 and to authorize the Southhampton Radiation Protection Advisor project.

Funding for Option Year 4 is increased by \$8,419,964.00 from \$17,544,789.53 to \$25,964,753.53.

The OY4 Proposal is deemed acceptable for evaluation and as a basis for negotiation, the restriction on submission of invoices not to exceed \$6,000,000 is hereby removed. The contractor shall not continue performance beyond March

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>(b) (6)</b> of Contracts		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Shawna L. Peterson Contracting Officer	
15C. DATE SIGNED 11/1/07		16C. DATE SIGNED <b>(b) (6)</b> 11/01/07	

PREVIOUS EDITION UNUSABLE

Prescribed by GSA FAR (48 CFR) 53.243

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT - Continuation</b>			1. CONTRACT ID CODE R	
2. AMENDMENT/MODIFICATION NO. P00041	3. EFF. DATE 10/30/2007	4. REQUISITION/PURCHASE REQ. NO. 0020034113	PAGE OF 2	PAGES 2

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
31, 2008 without additional funding provided by contract modification.

The Southhampton Radiation Protection Advisor project in accordance with the attached SOW, is hereby authorized. The Contractor shall assign a project code and segregate costs to the maximum extent practicable. The A-COTR is (b) (6), the CBP Task Monitor is (b) (6). The CO shall receive notification of submittal for all associated deliverables for this project. All subcontracts associated with this project shall be submitted for consent.

**ATTACHMENT INFORMATION  
FOR  
AWARD/ORDER/IA HSBP1004C00193 , MODIFICATION P00041**

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**ACCOUNTING AND APPROPRIATION INFORMATION**

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**Item:** 01070    6100.2525USCSGLCS0923020330Z00008400AP06 IR1562525    **Amount** \$8,419,964.000

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**SCHEDULE OF SUPPLIES/SERVICES**

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<b>Item Number:</b>	<b>01070</b>	<b>Line Item (Priced/Information/Option): P</b>		
<b>Supplies/Services:</b>	12.8%CR Maintenance - Option Year 4			
	<b>Qty</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Ext. Price</b>
	1	AU	\$8,419,964.0000	\$8,419,964.0000
<b>Total Funded Contract Value:</b>				<b><u>\$8,419,964.0000</u></b>

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**DELIVERY SCHEDULE**

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**Deliver To:**            Customs and Border Protection  
                             10720-N Richmond Highway  
                             Lorton VA 22079

<b>Instructions: Item</b>	<b>Quantity</b>	<b>Delivery Date</b>	<b>Recipient</b>	<b>Unloading PT.</b>
01070	1	10/01/2007		

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Statement of Work  
For Radiation Safety Advisor

## 1. REQUIREMENTS

The Contractor shall provide a properly accredited individual fully qualified to provide Radiation Protection Advisor (RPA) services to US CBP personnel operating the SAIC P7500 in Southampton, England. The RPA shall:

- Set up a process to ensure compliance with United Kingdom's Regulation of the Ionizing Radiation Regulations 1999 (IRR 1999) in terms of documentation, records requirements and perform an annual audit to confirm compliance.
- Provide consultation services on the requirement for controlled and supervised areas around the SAIC P7500 system.
- Provide consultation services in correct use of radiation monitors.
- Perform monthly examinations of SAIC P7500 system to verify operations are optimized so as to reduce potential exposure to CBP and other Port Personnel.
- Perform monthly examinations of signage and examination and testing of SAIC P7500 system interlocks, engineering controls, safety features and warning devices.
- Perform a monthly radiation survey of the SAIC P7500 system during operations to verify the readings at positions normally occupied by CBP personnel.
- Review and evaluated posted and personnel dosimetry results provided by the CBP Radiation Safety Officer to ascertain exposures are within expected limits for the general public (1 milliSeivert 100 millirem per year) and investigate instances of exposures that exceed limits.
- Respond anytime to calls from CBP for assistance to efficiently and effectively handle any unexpected or unforeseen situation that may pose a radiation hazard to personnel.
- Provide one one-day course of instruction, as needed, for a class of up to 12 personnel at Southampton. The course of instruction shall present the students with subject matter pertaining to risk and safety aspects of working around ionizing radiation and shall comply with the requirements of Regulation 14 of IRR 1999 and as outlined below:
  1. Ionizing Radiation Regulations 1999
  2. The requirements for operator training
  3. The role of the Radiation Protection Supervisor and Training a replacement Supervisor if one is needed.
  4. Radiation and Properties
    - Production and properties of X-rays
    - Production and properties of adventitious radiation from the VACIS P7500
    - Interaction with matter
  5. Biological effects of Radiation
    - Concept of radiation dose
    - Effects of radiation dose
    - Basis of doses limits and ALARA
  6. Basic Principles of Radiation Protection (External radiation only)
    - Time, distance and shielding

Statement of Work  
For Radiation Safety Advisor

7. Measuring External Radiation

Suitability of monitoring techniques  
Monitoring of workplace and individuals  
Operational checks of calibrated CBP Meter(s)

8. Requirements of IRR 1999

General principles and procedures  
Arrangements for the management of radiation protection  
Risk Assessment and contingency plans  
Designated Areas for scanning and normalization  
Local rules, Radiation Protection Supervisor duties and monitoring  
The need for the classification and monitoring of persons  
Employee's duties

## 2.0 DATA DELIVERABLES

The data deliverable shall be electronically conveyed to the United States Customs and Border Protection Radiation Safety Officer, (b) (6) and CTSC in the time frame specified.

- RPA Credentials and Resume  
To be provided one week after receipt of order or prior to assignment of new RPA.
- Monthly Examination Report  
To be provided one week after the examinations and tests are performed. The report shall detail the process, procedures and results of the examinations and tests along with action take to remedy negative findings as well as recommendations for improvements.
- Monthly Survey Report  
To be provided one week after the completion of the radiation survey. The report shall identify the measurement equipment utilized to perform the survey and detail the process, procedures and results of the survey along with action take to remedy negative findings as well as recommendations for improvements.
- Quarterly Dosimetry Report  
To be provided one week after receipt of posted and personnel dosimetry results that will be provided by the CBP Radiation Safety Officer. The report shall detail the result of the evaluation of dosimetry data and result of investigations in the event assigned personnel exposure(s) exceed the expected limits for the general public (1 milliSeivert 100 millirem per year).

Statement of Work  
For Radiation Safety Advisor

- Annual Audit Report  
To be provided one week after the completion of the audit. The report shall identify the measurement equipment utilized to perform the survey and detail the process, procedures and results of the audit along with action take to remedy negative findings as well as recommendations for improvements.
- Service Call Reports  
To be provided one day after response to a call for assistance. The report shall identify the circumstances and situation that may have posed a radiation hazard to personnel and provide details pertaining to the action taken to handle the situation along with recommendations to mitigate or prevent reoccurrence.