

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

PROJECT ID CODE

PAGE NUMBER

EFFECTIVE DATE

ADMINISTRATIVE MATTERS NO.

DATE

CONTRACT NO. HSHQBC-08-C-0004

ADMINISTRATIVE MATTERS NO. (b)(6)

DATE

CONTRACT NO. HSHQBC-08-C-0004

ADMINISTRATIVE MATTERS NO. (b)(6)

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CONTRACT NO. HSHQBC-08-C-0004

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CONTRACT NO. HSHQBC-08-C-0004

ADMINISTRATIVE MATTERS NO. (b)(6)

CONTRACT NO. HSHQBC-08-C-0004

ADMINISTRATIVE MATTERS NO. (b)(6)

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS. This item applies to solicitations that are amended after the date of the solicitation. It does not apply to solicitations that are amended before the date of the solicitation. By submitting this amendment, you agree to the terms and conditions of the solicitation and to the fact that you are submitting this amendment in accordance with the terms and conditions of the solicitation. You acknowledge that you are submitting this amendment in accordance with the terms and conditions of the solicitation and that you are submitting this amendment in accordance with the terms and conditions of the solicitation. You acknowledge that you are submitting this amendment in accordance with the terms and conditions of the solicitation and that you are submitting this amendment in accordance with the terms and conditions of the solicitation.

12. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACT'S ORDERS. IT MODIFIES THE CONTRACT ORDER NO. AS DESCRIBED IN ITEM 14.

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13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACT'S ORDERS. IT MODIFIES THE CONTRACT ORDER NO. AS DESCRIBED IN ITEM 14.

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IMPORTANT: Contractor is required to sign this document and return 1 copy to the issuing office.

IMPORTANT: Contractor is required to sign this document and return 1 copy to the issuing office.

THIS CONTRACT IS AMENDMENT NO. 00004 UNDER CONTRACT NO. HSHQBC-08-C-0004.

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THIS CONTRACT IS AMENDMENT NO. 00004 UNDER CONTRACT NO. HSHQBC-08-C-0004.

THIS CONTRACT IS AMENDMENT NO. 00004 UNDER CONTRACT NO. HSHQBC-08-C-0004.

All other terms and conditions of this contract remain in full force and effect.

DATE: 12/27/09

BY: SGT MURRAY LANE

BY: SGT MURRAY LANE

Signature of Contractor: (b)(6)

Signature of Contractor: (b)(6)

(b)(6)

(b)(6)

13 July 2009

NSN 7540-01-280-5500

STANDARD FORM NO. 64

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
HSSQDC-08-C-00100/P00004

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2 2

NAME OF OFFEROR OR CONTRACTOR
RESEARCH TRIANGLE INSTITUTE

ITEM NO (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
0002	<p>DHS S&T 245 Murray Lane SW Building 410 Washington DC 20528</p> <p>POB: Destination Period of Performance: 07/07/2008 to 07/06/2011</p> <p>Change Item 0002 to read as follows (amount shown is the obligated amount):</p> <p>"Violent Intent Modeling and Simulation" (Statement of Work Section C.3.2). Obligated Amount: (b)(6) Product/Service Code: A541</p>				(b)(4)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE OF PAGES

2. AMENDMENT/MODIFICATION NO P00005	3. EFFECTIVE DATE 08/04/2009	4. REQUISITION/PURCHASE REQ NO RSHF-09-00036	5. PROJECT NO. (if applicable) 1 3
6. ISSUED BY U.S. Dept. of Homeland Security Office of Procurement Operations S&T Acquisition Division 245 Murray Lane SW - Building 410 (b)(6) Washington DC 20528	CODE DHS/OPO/S&T/EXBOR	7. ADMINISTERED BY (if other than item 6) U.S. Dept. of Homeland Security Office of Procurement Operations S&T Acquisition Division 245 Murray Lane SW - Building 410 (b)(6) Washington DC 20528	CODE DHS/OPO/S&T/EXBOR
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) RESEARCH TRIANGLE INSTITUTE ACTN (b)(6) PO BOX 12194 (b)(6) RESEARCH TRIANGLE PARK NC 277092194		9A. AMENDMENT OF SOLICITATION NO (x)	
CODE 0048681050000 FACILITY CODE		9B. DATED (SEE ITEM 17) 10A. MODIFICATION OF CONTRACT/ORDER NO RSHQOC-08-C-00100 (x) 10B. DATED (SEE ITEM 13) 06/30/2008	

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 this 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 includes 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 Schedule Net Increase: (b)(4)

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

CHECK ONE	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 14A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.105(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Mutual Agreement of the Parties (extension of period of performance for CLIN 0002)
	D. OTHER (Specify type of modification and authority)

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

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

DUNS Number: 004868105-0000

This modification, P00005 under Contract No. RSHQOC-08-C-00100, implements a change in the requirements for research under Contract Line Item 0001 (Research Needs Assessment and Outreach including Management), definitized herein by mutual agreement. Section C.3.1 of the Statement of Work is augmented by the attached Statement of Work, and RTI proposal dated 7/8/2009 is incorporated by reference.

Accordingly, the ceiling value for CLIN 0001 revised by P00003 is hereby increased from a total of (b)(4) (consisting of (b)(4) in estimated cost and a fixed fee of (b)(4) (consisting of (b)(4) in estimated cost and (b)(4) in fixed fee) to a new total of (b)(4) (consisting of (b)(4) in estimated cost, and Continued ...

Except as provided herein, all terms and conditions of the contract, including the contract, shall remain unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) (b)(6)	15B. DATE SIGNED 7 Aug 09	15A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Joseph F. Wilson	15B. DATE SIGNED 8-7-2009
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NSN 7540-01-802-8070
Previous edition unusable

STANDARD FORM 30 (REV 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
RSHQDC-08-C-00100/E00005

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NAME OF OFFEROR OR CONTRACTOR
RESEARCH TRIANGLE INSTITUTE

ITEM NO (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
(b)(4)	in fixed fee				
	<p>As a result of this increase in CLIN 0001, the total contract value increases from (b)(4) to a new maximum value of (b)(4)</p> <p>This action also obligates a total of (b)(4) in new funding, increasing the total funding obligated under the contract from (b)(4) to a new total of (b)(4)</p> <p>All other aspects of this agreement, including funding, requirements, period of performance, and terms and conditions not specifically altered herein, remain in full force.</p> <p>All other aspects of this agreement, including funding, requirements, period of performance, and terms and conditions not specifically altered herein, remain in full force.</p> <p>Discount Terms: Net 30</p> <p>FOB: Destination</p> <p>Period of Performance: 07/07/2008 to 07/06/2011</p> <p>Change Item 0001 to read as follows (amount shown is the obligated amount):</p> <p>0001 Research Needs Assessment and Outreach including Management in accordance with Section C.3.1 of the Statement of Work (SOW) Obligated Amount: (b)(4) Product/Service Code: AJ41</p> <p>Accounting Info: NONE000-000-9X-34-02-04-000-01-00-0000-00-00-00-00 -GE-OE-25-50-000000 Funded: (b)(4)</p> <p>Accounting Info: NONE000-000-9X-33-06-01-001-31-00-0000-00-00-00-00 -GE-OE-25-37-000000 Funded: (b)(4)</p> <p>Accounting Info: NONE000-000-9X-34-02-02-001-01-00-0000-00-00-00-00 -GE-OE-25-37-000000 Funded: (b)(4)</p> <p>Accounting Info: Continued ...</p>				(b)(4)

NAME OF OFFEROR OR CONTRACTOR:
RESEARCH TRIANGLE INSTITUTE

ITEM NO (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
9002	<p>NCNE000-000-8X-33-06-01-001-(L-00-0009-00-00-00-00)</p> <p>-GE-GE-25-37-000000</p> <p>Funded: (b)(4)</p> <p>Change Item 0002 to read as follows (amount shown is the obligated amount):</p> <p>"Violent Intent Modeling and Simulation" (Statement of Work Section C.3.2). Obligated Amount: (b)(4) Product/Service Code: AJ41</p> <p>Accounting Info: NCNE000-000-8X-34-02-04-000-01-00-0000-00-00-00-00</p> <p>-GE-GE-25-50-000000</p> <p>Funded: (b)(4)</p>				(b)(4)

HSN 7540-01-152-8027

OPTIONAL FORM 336 (4-86)
Specimen by GSA
FAR (48 CFR) 53.110

**Statement of Work for
Workshop on Innovative Survey Methodologies and
Workshop on Public Perceptions of Emerging National Security Technologies
and Processes**

**Directorate of Science and Technology
U.S. Department of Homeland Security
Human Factors/Behavioral Sciences Division
PR# RSHF-09-00036**

I. Background

The U.S. Department of Homeland Security (DHS) is committed to using cutting-edge science and technology in its quest to make America safer. The DHS Directorate of Science and Technology (S&T) is tasked with advancing the scientific, engineering, and technological resources of the United States and leveraging these resources into tools to help protect the homeland. The Human Factors/Behavioral Sciences Division (HFD) applies the social and behavioral sciences to improve the detection, analysis, and understanding of threats posed by individuals, groups, and radical movements; to support the preparedness, response and recovery of communities impacted by catastrophic events; and to advance national security by integrating human factors into homeland security science and technologies.

This statement of work (SOW) outlines the activities involved in planning and executing two workshops in support of HFD's mission: the Workshop on Innovative Survey Methodologies (Task 1), and the Workshop on Public Perceptions of Emerging National Security Technologies and Processes (Task 2).

II. Scope of Work

Task 1 – Workshop on Innovative Survey Methodologies

Terrorist attacks have multiple audiences: members of the groups that launch them, the groups' supporters, the immediate victims of the attack, those that identify with the victims, and the general public. Similarly, the various countermeasures that governments enact to prevent and respond to terrorist attacks are evaluated by these same audiences. While much has been written about the role that public opinion plays in encouraging or discouraging terrorist activity, assessments of this role have largely been impressionistic. Further, surveys that have measured the public's perspectives on terrorist attacks and government counterterrorism initiatives have

often been unsystematic, poorly validated, sporadic, and/or based on only a few items that do not allow issues to be explored in depth.

The purpose of the Workshop on Innovative Survey Methodologies, hereafter referred to as "Survey Workshop," is to examine whether evolving techniques in survey research provide an opportunity for a more rigorous and nuanced assessment of the public's perspectives on terrorist attacks and government counterterrorism initiatives. If so, this would allow for scientific investigation and modeling of the relationship between the public perspectives on the one hand, and actual terrorist activities on the other. It might also provide insight into what types of countermeasure strategies are most effective for eliminating public support for terrorist groups while simultaneously increasing public support for the government.

To this end, HFD proposes sponsoring a 2-day Survey Workshop that will assemble social and behavioral scientists to examine new survey methodologies that might advance our understanding of public perspectives on terrorist attacks and government counterterrorism initiatives. Specifically, the workshop will focus on breakthroughs in survey methodology that allow for the detection of subtle shifts in attitudes and behaviors, e.g., the use of vignettes, embedded survey experiments, a combination of cross-sectional and panel elements, etc., and examine whether use of these techniques might provide information that goes beyond respondents' explicit responses to survey items focusing on specific terrorist attacks and government counterterrorism initiatives. In support of this activity, IIFD will also fund two literature reviews to be provided to participants before the workshop in order to ensure that everyone is working from the same baseline understanding.

The participants in the Survey Workshop will include researchers who have strong backgrounds in survey research and methodologies, including knowledge of emerging methodologies. Researchers who have designed and conducted large-scale, U.S.-based surveys incorporating panel and cross-sectional designs will also participate. Finally, social and behavioral scientists who have studied terrorism and government responses to terrorism will be invited so that they can offer their insights into these phenomena and provide information on past efforts to assess public perspectives related to them.

The Research Triangle Institute (RTI) will plan and execute the Survey Workshop. RTI will also facilitate and provide all logistical support for the workshop. RTI will write two literature reviews that will be sent to participants before the workshop, provide workshop notes documenting the key points of discussion and recommendations over the course of the two days, and produce a final report discussing suggestions, best practices, anticipated challenges and solutions related to developing a survey on public perspectives on terrorist attacks and government counter-terrorism initiatives.

Specific Tasks

The following characterizes the specific tasks involved in planning and executing the Survey Workshop:

3.1 Workshop Planning

In consultation with IIFD representatives, RTI will plan and structure the workshop and develop the workshop agenda. Working with HFD, RTI will identify relevant experts and invite them to attend the workshop. RTI will identify relevant read-ahead materials and ensure that all participants receive the necessary information prior to attending the workshop.

3.2 Literature reviews

RTI will produce two (2) literature reviews: one that will provide an overview of past surveys that have been conducted to examine public perspectives on terrorist attacks and government counterterrorism initiatives, and another which will document new and emerging survey methodologies that may be relevant to understanding these perspectives. These literature reviews will be approximately 15 pages in length, and will be provided to workshop participants at least one week prior to the workshop.

3.3 Workshop Execution and Logistical Support

RTI will conduct the workshop and facilitate discussions among participants. RTI will oversee all logistical aspects of the workshop. RTI will reserve workshop facilities and ensure that all necessary audio-visual equipment is available.

RTI will assist participants' in making travel arrangements for the workshop and provide honoraria not to exceed (b)(4) and travel reimbursement to all non-government participants.

3.4 Workshop Notes and Final Report

RTI will provide notes from the workshop documenting the key points of discussion in the full-group sessions and any smaller breakout groups. These notes will also summarize recommendations for specific follow-up actions identified by participants during the workshop. Comments will not be attributed to individuals without their informed consent, and participants will be provided with the opportunity to comment on the accuracy of the notes before they are submitted to HFD for review.

RTI will also produce a final report on the workshop with an anticipated length of 15 pages or more. This report will incorporate the suggestions gathered during the workshop as well as describe best practices, anticipated challenges and solutions related to developing a survey to study public perspectives on terrorist attacks and government counter-terrorism initiatives. The final report should include an executive summary of no more than two pages.

Staffing

Personnel proposed by RTI will have the skills and technical background necessary to successfully complete the tasks described in this SOW. RTI will have available personnel with knowledge of survey methodologies and social and behavioral science research into terrorism and counter-terrorism. RTI will also have personnel with experience organizing international workshops. RTI shall implement and manage the technical approach, organizational resources, and management controls to be employed to meet the cost, performance and schedule requirements throughout the task order execution.

RTI shall propose by name, and the government shall approve, a task manager and chief technical representative.

Deliverables

Deliverables			
SOW Task	Deliverable	Description	Due Date
3.1	Workshop Agenda, Invitees, and Project Management Plan	A workshop agenda, list of invitees, and project management plan that will accomplish the workshop's objectives as outlined by HFD personnel. The final version of each requires approval by the HFD Program Manager.	8 weeks after award of contract.
3.2	Literature Reviews	Two literature reviews: One providing an overview of surveys that have been conducted to examine public perspectives on terrorist attacks and government counterterrorism initiatives, and another report documenting new and emerging survey methodologies that may be relevant to understanding these perspectives. The final version of each should be at approximately 15 pages in length and will require approval by the HFD Program Manager.	14 weeks after award of contract. Electronic versions of the literature reviews will be submitted 10 weeks after award, followed by 2 weeks of government review.

3.4	Workshop Notes	Notes from the workshop documenting the key points of discussion and participants' recommendations for specific follow-up actions Participants should be provided with the opportunity to comment on the accuracy of the notes. The final version requires approval by the HFD Program Manager.	8 weeks after workshop. An electronic draft shall be submitted 6 weeks after the workshop, followed by 1 week of government review.
3.4	Final Report	A final report on the workshop incorporating the suggestions and describing anticipated challenges and solutions related to developing a survey to study public perspectives on terrorist attacks and government counterterrorism initiatives The length of the final report is anticipated to be 15 pages or more, including an executive summary of no more than two pages. The final version requires approval by the HFD Program Manager.	15 weeks after workshop. An electronic draft report shall be submitted 12 weeks after the workshop, followed by 2 weeks of government review.

Task 2 – Workshop on Public Perceptions of Emerging National Security Technologies and Processes

In addition to studying shifting attitudes and their relationship to behaviors, IIFD has also dedicated resources to developing a formal process to better understand and incorporate community perceptions into the development and deployment of critical technologies within the United States of America, through various data collection mechanisms, to include semi-structured focus groups. This process seeks to engage the public, making them active stakeholders in the research and development of critical technologies and processes. The purpose of this panel process is to provide DIIS component agencies and S&T Program Managers with insights into the communities' potential reactions, issues, and obstacles to technology acceptance prior to development and deployment.

Through the Community Perceptions of Technology (CPT) Panel, the agency is able to gain valuable insights into a community's acceptance and perception of various technologies selected for review. The panel brings together stakeholders from the general public, industry, public interest, and community-oriented organizations, often with divergent views, so that DHS may

better understand and integrate their perspectives and issues in the development and deployment of a particular technology.

Key factors influence public perceptions of technologies such as: (1) Civil rights, civil liberties, laws and regulations; (2) Privacy, intrusiveness and invasiveness; (3) Convenience and comfort; and (4) health and safety concerns, 5) Perceptions of the threat to be countered, and 6) the apparent efficacy of the technology. To understand fully the delicate balance needed to maintain a safe and secure homeland while simultaneously defending and honoring the American public in its roles as funder, user and subject of homeland security technologies, agencies need to design and deploy technologies in ways that will not engender public disapproval or unduly raise privacy, civil liberties or health and safety concerns. To effectively strike this balance, agencies need to be aware of how the public is likely to view the systems they propose to develop and should integrate that knowledge into the system life cycle of all programs.

To enhance the Community Perceptions of Technology Panels, and to better understand the intersection of national security, public perception methodologies, and science communication, HFD proposes sponsoring a 2 day workshop that will assemble leading academics and practitioners in the field of national security, public perception methodology, and science and technology communication. The purpose of the workshops is to produce three literature reviews to provide a synthesis of current knowledge surrounding the formation of public opinions pertaining to the adoption and use of national security technologies and processes, to identify future areas of research to better understand the relationship between public perceptions and the adoption of technology, and finally to develop a sustainable venue to serve as the preferred medium for idea exchange and continual discussion in the field.

RTI will plan and execute a Workshop on Public Perceptions of Emerging National Security Technologies and Processes. RTI will also facilitate and provide all logistical support for the workshop. RTI will write a series of literature reviews that will be sent to participants before the workshop, provide workshop notes documenting the key points of discussion and recommendations over the course of the two days, and produce a final report discussing suggestions, best practices, anticipated challenges and solutions related to developing an integrated program that includes an understanding of issues within the fields of national security, public perceptions methods, and science and technology communication.

Specific Tasks

The following characterizes the specific tasks involved in planning and executing the Workshop on Public Perceptions of Emerging National Security Technologies and Processes:

8.1 Workshop Planning

In consultation with HFD representatives, RTI will plan and structure the workshop and develop the workshop agenda. Working with HFD, RTI will identify relevant experts and invite them to attend the workshop. RTI will identify relevant read-ahead materials and ensure that all participants receive the necessary information prior to attending the workshop.

8.2 Literature reviews

RTI will produce 3 literature reviews: one will synthesize the current understanding of national security issues in relation to privacy, civil rights and civil liberties as viewed by the American public. The second will focus on the methods used or potentially usable in public perception research particularly in relation to the adoption and usage of new technologies and processes for national security. The third literature review will focus on current methods and best practices in science and technology communication. These literature reviews will be approximately 15 pages in length, and will be provided to workshop participants at least one week prior to the workshop.

8.3 Workshop Execution and Logistical Support

RTI will conduct the workshop and facilitate discussions among participants. RTI will oversee all logistical aspects of the workshop. RTI will reserve workshop facilities and ensure that all necessary audio-visual equipment is available.

RTI will assist participants' in making travel arrangements for the workshop and provide honoraria not to exceed ^{(b)(4)} and travel reimbursement to all non-government participants.

8.4 Workshop Notes and Final Report

RTI will provide notes from the workshop documenting the key points of discussion in the full-group sessions and any smaller breakout groups. These notes will also summarize recommendations for specific follow-up actions identified by participants during the workshop. Comments will not be attributed to individuals without their informed consent, and participants will be provided with the opportunity to comment on the accuracy of the notes before they are submitted to HFD for review.

RTI will also produce a final report on the workshop with an anticipated length of 15 pages or more. This report will incorporate the suggestions gathered during the workshop as well as describe best practices, anticipated challenges and solutions to developing an integrated program that includes an understanding of issues within the fields of national security, public perceptions methods, and science and technology communications. The final report should include an executive summary of no more than two pages.

8.5 Community of Practice

RTI will develop an on-line Community of Practice venue that will facilitate the continued exchange of ideas among workshop participants, DHS, and the larger research community. The purpose of the on-line community is to provide a means for accelerating innovation among participating researchers through adoption and adaptation of successful processes shared within

the community served by the web portal. The portal will contain a centralized repository of information and have the facility for rapid discourse. It will encourage active participation by empowering members to add content where appropriate either through a wiki or in some other fashion.

8.6 Program Evaluation

RTI will develop a framework for evaluating DHS programs for performance on human dimensions. This task would produce an evaluation framework focused on the human dimensions of Technology Acceptance and Integration activities, but scalable and transferable to other programs within the division as appropriate.

Staffing

Personnel proposed by RTI will have the skills and technical background necessary to successfully complete the tasks described in this SOW. RTI will have available personnel with knowledge of national security issues, public perception methodologies, and science communications. RTI will also have personnel with experience organizing workshops. RTI shall implement and manage the technical approach, organizational resources, and management controls to be employed to meet the cost, performance and schedule requirements throughout the task order execution.

RTI shall propose by name, and the government shall approve, a task manager and chief technical representative.

Deliverables

Deliverables			
SOW Task	Deliverable	Description	Due Date
8.1	Workshop Agenda, Invitees, and Project Management Plan	A workshop agenda, list of invitees, and project management plan that will accomplish the workshop's objectives as outlined by HFD personnel. The final version of each requires approval by the HFD Program Manager.	8 weeks after award of contract.
8.2	Literature Reviews	Three literature reviews: One will synthesize the current understanding of national security issues relating to privacy, civil rights and civil liberties as viewed by the American public. The second will focus on the methods used in public perception research particularly as it relates to the adoption and usage of new technologies and processes for national security. The third literature review will focus on current methods and best practices in science and technology	14 weeks after award of contract. Electronic versions of the literature reviews will be submitted 10 weeks after award, followed by 2 weeks of government

		communications The final version of each should be approximately 15 pages in length and will require approval by the HFD Program Manager.	review.
8.3	Workshop Notes	Notes from the workshop documenting the key points of discussion and participants' recommendations for specific follow-up actions. Participants should be provided with the opportunity to comment on the accuracy of the notes. The final version requires approval by the HFD Program Manager.	8 weeks after workshop. An electronic draft shall be submitted 6 weeks after the workshop, followed by 1 week of government review.
8.4	Final Report	A final report on the workshop incorporating the suggestions and describing anticipated challenges and solutions related to developing an integrated program that includes an understanding of issues within the fields of national security, public perceptions methods, and science and technology communications. The length of the final report is anticipated to be 15 pages or more, including an executive summary of no more than two pages. The final version requires approval by the HFD Program Manager.	15 weeks after workshop. An electronic draft report shall be submitted 12 weeks after the workshop, followed by 2 weeks of government review.
8.5	Community of Practice	Development of an on line venue for continuing the exchange of ideas for workshop participants, DHS, and the larger research community. The final version requires approval by the HFD Program Manager.	18 weeks after the workshop, followed by 2 weeks of government review.
8.6	Program Evaluation	This task would produce an evaluation framework focused on the human dimensions of Technology Acceptance and Integration activities, but scalable and transferable to other programs within the division as appropriate. The final version requires approval by the HFD Program Manager.	21 weeks after the workshop as draft will be submitted, followed by 2 weeks of government review.

III. Other Contract Details

1. **Period of Performance.** There will be no change in the current period of performance for this SOW on Contract HSHQDC-08-C-00100.
2. **Travel.** Domestic travel on the part of RTI's staff will be required in the performance of the duties listed herein. It is expected that RTI will reimburse non-government participants for the travel expenses they incur in order to attend the workshops.
3. **DHS-Furnished Information.**
 - a. DHS will provide certain DHS information, materials, and forms unique to DHS to RTI to support certain tasks under this SOW.
 - b. The DHS S&T Technical Representative identified in this SOW will be the point of contact (POC) for identification of any required information to be supplied by DHS.
 - c. RTI will prepare any documentation according to the guidelines provided by DHS.
4. **Place of Performance.** RTI will perform the work under this SOW at their place of business and the workshop location.
5. **DHS-Furnished Property.** DHS property will not be provided to RTI.
6. **Deliverables.** RTI will provide all deliverables identified in this SOW directly to the task-specific DHS S&T Technical Representatives (see below,) with a copy of the transmittal letter to the Contracting Officer.
7. **Program Status Report.** RTI will deliver separate monthly program status reports for Task 1 and Task 2. The reports will be submitted on the 15th day of the month. The report shall include the following:
 - a. Summary of progress during the reporting period (including any significant technical information).
 - b. Unanticipated technical or management problems of significance.
 - c. Problems anticipated in future reporting periods.
 - d. Summary of important meetings, briefings, trips and conferences during the period of the report and those planned in the following period.

All reports shall be submitted to the task-specific COTRs (see below) electronically.

8. **Funding Requirements.** TBD.
9. **Security Requirements.**
 - a. All work performed under this SOW is unclassified unless otherwise specified by DHS.

- b. If classified work is required under this SOW, DHS will provide specific guidance to RTI as to which work will be conducted in a classified manner and at which classification level. RTI will also adhere to other applicable Government orders, guides, and directives pertaining to classified or confidential work. This SOW may require access to information at the unclassified level.
- c. The Contractor shall not publish, permit to be published, or distribute for public consumption, any information, oral or written, concerning the results or conclusions made pursuant to the performance of this contract, without the prior written consent of the Contracting Officer. An electronic or printed copy of any material proposed to be published or distributed shall be submitted to the Contracting Officer.

IV. Points of Contact

The RTI POCs are as follows:

- (b)(6)
RTI International
3040 Cornwallis Road
P.O. Box 12194
Research Triangle Park, NC 27709-2194
(b)(6)

RTI may change the individual designated as a POC upon notice to S&T of such change.

The DHS POCs are as follows:

Allison G. Smith
U.S. Department of Homeland Security
Science and Technology Directorate
Human Factors/Behavioral Sciences Division
Washington, DC 20528

(b)(6)

Ji Sun Lee
U.S. Department of Homeland Security
Science and Technology Directorate
Human Factors/Behavioral Sciences Division
Washington, DC 20528

(b)(6)

Financial Analyst
Michael Kim
Contractor in the Support of
Office of the Chief Financial Officer
DHHS Science and Technology Directorate

(b)(6)

S&T may change the individual designated as a POC upon notice to RTI of such change.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		CONTRACT ID CODE		PAGE OF PAGES	
				1 3	
2. AMENDMENT/MODIFICATION NO. P00006		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. RSHF-09-00045	
5. ISSUED BY U.S. Dept. of Homeland Security Office of Procurement Operations S&T Acquisition Division 245 Murray Lane SW - Building 410 (b)(6) Washington DC 20528		CODE DHS/OPO/S&T/EXBOR		7. ADMINISTERED BY (if other than Item 6) U.S. Dept. of Homeland Security Office of Procurement Operations S&T Acquisition Division 245 Murray Lane SW - Building 410 (b)(4) Washington DC 20528	
6. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) RESEARCH TRIANGLE INSTITUTE ATTN: (b)(6) PO BOX 12194 KELLYKRTI.ORG RESEARCH TRIANGLE PARK NC 277092194		8A. AMENDMENT OF SOLICITATION NO. (x)		9B. DATED (SEE ITEM 11)	
CODE 0048681050000 FACILITY CODE		9C. MODIFICATION OF CONTRACT/ORDER NO. X HSHQDC-08-C-00100		10B. DATED (SEE ITEM 13) 06/30/2008	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as extended, 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 Schedule		Net Increase:		(b)(4)	
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.					
CHECK ONE					
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: Mutual Agreement of the Parties					
D. OTHER (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter when feasible) DUNS Number: 004868105+0000 This modification, P00006 under Contract HSHQDC-08-C-00100, implements a change in the requirements for research under Contract Line Item 0001 (Research Needs Assessment and Outreach including Management), definitized herein by mutual agreement. Section C.3.1 of the Statement of Work is augmented by the attached Statement of Work (titled "Community Assessment for Non-Affiliated Community Groups, and RTI proposal dated 9/24/2009 is incorporated by reference. Accordingly, the ceiling value for CLIN 0001, last revised by P00005, is hereby increased from the previous total of (b)(4) (consisting of (b)(4) in estimated cost, and (b)(4) in fixed fee) by the total value of this action, (b)(4) (consisting of Continued ... 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)		15C. DATE SIGNED 25 Sept 09		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Joseph E. Wol... (b)(6)	
16C. DATE SIGNED 9-26-2009					

FORM 3400-01-102-80/0
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.248

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT: HSH-002-08-0001 10/2009004
 BEING CONTINUED

PAGE 2 OF 3

NAME OF OFFEROR OR CONTRACTOR
 RESEARCH TRIANGLE INSTITUTE

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>(b)(4) in estimated cost and (b)(4) in fixed fee to a new total of (b)(4) (consisting of (b)(4) in estimated cost and a fixed fee of (b)(4))</p> <p>This new action definitized herein includes a base component and an optional component. The base portion of the work, which is funded by this modification, totals (b)(4) (consisting of (b)(4) in estimated cost and a fixed fee of (b)(4)). The period of performance for the base work definitized herein is 12 months from the date of agreement, 9/28/2009 through 9/27/2010.</p> <p>The optional component consists of work associated with social network analysis and mapping, including RTI subtasks 3.3, 3.5, and 3.7. The optional component totals (b)(4) (consisting of (b)(4) in estimated cost, and (b)(4) in fixed fee). The optional portion of the work may be exercised at the sole discretion of the Government at any point during the period of performance for the base component of the work.</p> <p>As a result of this increase in CLIN 0001, the total maximum contract value increases from (b)(4) to a new maximum value of (b)(4).</p> <p>This action fully funds the base component of the change definitized herein, obligating a total of (b)(4) in new resources, increasing the total funding obligated under the contract from (b)(4) to a new total of (b)(4).</p> <p>All other aspects of this agreement, including requirements, period of performance, and terms and conditions not specifically altered herein, remain in full force.</p> <p>Discount Terms: Net 30</p> <p>FOB: Destination</p> <p>Period of Performance: 07/07/2008 to 07/06/2011</p> <p>Change Item 0001 to read as follows (amount shown is the obligated amount):</p> <p>Continued ...</p>				

CONTINUATION SHEET

REFERENCE NO OF DOCUM ENG CONTINUED
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 3 3

NAME OF OFFEROR OR CONTRACTOR
 RESEARCH TRIANGLE INSTITUTE

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
0001	<p>Change to Research Needs Assessment and Outreach including Management in accordance with Section C.3.1 of the Statement of Work (SOW), in support of Faith Based and Community Initiatives. Obligated Amount: (b)(4) Product/Service Code: AJ41</p> <p>Accounting Info: NONE000-000-8X-34-02-04-000-01-00-0000-00-00-00-00 -GE-OE-25-50-000000 Funded: (b)(4)</p> <p>Accounting Info: NONE000-000-9X-33-06-01-001-01-00-0000-00-00-00-00 -GE-OE-25-37-000000 Funded: (b)(4)</p> <p>Accounting Info: NONE000-000-9X-34-02-02-001-01-00-0000-00-00-00-00 -GE-OE-25-37-000000 Funded: (b)(4)</p> <p>Accounting Info: NONE000-000-9X-33-06-01-001-01-00-0000-00-00-00-00 -GE-OE-25-37-000000 Funded: (b)(4)</p> <p>Accounting Info: REI9176-000-RA-70-00-00-000-01-00-0000-00-00-00-00 -GE-OE-25-50-000000 Funded: (b)(4)</p>				(b)(4)

STATEMENT OF WORK

Community Assessment for Non-affiliated Community Groups For the Center of Faith Based and Community Initiatives 9/26/2009

1. Background:

The U.S. Department of Homeland Security (DHS) is committed to using cutting-edge science and technology in its quest to make America safer. The DHS Directorate of Science and Technology (S&T) is tasked with advancing the scientific, engineering, and technological resources of the United States and leveraging these resources into tools to help protect the homeland. The Human Factors/Behavioral Sciences Division (HFD) applies the social and behavioral sciences to improve the detection, analysis, and understanding of threats posed by individuals, groups, and radical movements; to support the preparedness, response and recovery of communities impacted by catastrophic events; and to advance national security by integrating human factors into homeland security science and technologies.

The mission of FEMA is to support our citizens and first responders to ensure that as a nation we work together to build, sustain, and improve our capability to prepare for, protect against, respond to, recover from, and mitigate all hazards.

The mission of the DHS Center for Faith Based and Community Initiatives (Center) is to develop, strengthen, and leverage effective partnerships between government sectors and FBCOs to empower communities to build, sustain, and improve capabilities to prepare for, protect against, respond to, recover from, and mitigate all hazards.

2. Purpose:

Faith and community-based groups have a longstanding commitment to working alongside the DHS/FEMA in emergency preparedness, response and recovery. The DHS Center for Faith Based and Community Initiatives seeks to expand and improve upon the ability of unaffiliated groups to serve communities in times of disaster. Many of these community groups serve varying constituencies, many times without proper training or credentialing. There are a large number of untapped faith and community-based groups who can be a great asset in disaster preparation, response and recovery when provided proper assessment, training and coordination with state and local emergency management officials

3. Scope of Work:

This contract will provide services to the Center for Faith Based and Community Initiatives, Federal Emergency Management Agency (FEMA). The contract serves to develop and pilot one to two models within purposefully selected communities that demonstrate solid cross-sector relationships, enhance the performance of unaffiliated groups during times of crisis, improve the impact and reach of the community groups, and encourage capacity-building within the

community. The model(s) could possibly include training to enhance technical assistance, communication and outreach activities, building partnerships, and leveraging resources on behalf of poor and special needs/vulnerable groups. The overall project includes 2 phases of development, however this contract will focus on phase one, the community assessment.

1. Community Assessment: The assessment should map and explain the informal networks and processes that possibly already exist within a community, and the potential needs and gaps of the existing informal model, with particular consideration of cultural, regional, ethnic, and social implications. This phase should include identification of key influential stakeholders, an understanding of capacity, and encourage participation in model development. This phase should also clearly identify those stakeholders that are outside of the informal network and reasons for their exclusion. This assessment should provide a strong qualitative case study analysis of the selected community that will be incorporated into the model design. Similar to the evaluation plan developed for the model, an evaluation framework will be helpful during the course of the assessment. This plan will assist in the identification of limitations and benefits of the assessments within the selected communities.

The Center for Faith Based and Community Initiatives has expressed interest in the communities located within Miami-Dade County, Florida. The vehicle of entry into the communities will be through the National Baptist Convention, USA, Inc. (NBC). The NBC has over 8 million members in over 7,500 houses of worship nationally. Within Miami-Dade County the NBC has over 200 houses of worship with over 51,000 congregational members. The surrounding communities which the NBC serve are diverse in race/ethnicity, age, and socio-economic status. The NBC national network allows for transferring and scaling of the model(s) developing and refined within this selected community. The performer will need to work with outreach specialist identified by the NBC for entry into the communities.

2. Program monitoring and evaluation (Evaluation of Phase 1 will start in the base period): the monitoring and evaluation plan should be developed along with and running parallel to the community assessment and subsequent work on model development and implementation.

4. Tasks:

Tasks for Phase 1:

1. Exploration and expert workshop. Conduct a review of existing faith-based emergency response and preparedness programs and literature. Conduct a preliminary review of programs in the Miami-Dade area. Host a workshop with programmatic experts to discuss the types of activities that faith-based programs conduct in support of disaster preparedness and response. Prepare a report that includes recommendations for refining the focus on the study. 2 months from date of award.

2. Develop a research design for a pilot study in Miami-Dade and a research design for the main study. The pilot study design will be used to assess the existing programs and functionality in

Miami-Dade (and other regions if budget and schedule permits). The main study design will define a process for developing and implementing the model and monitoring and evaluating the impact of the programs developed based on the model. 4 months from date of award.

3. Conduct an assessment in pilot region of Miami-Dade (and other regions if budget and schedule permits). Assessment will include phases for outreach to the local communities and faith based organizations, data collection from the faith based organizations, analysis of the data, reporting and preliminary modeling of the process used by faith based organizations to support natural disaster preparedness and response. 11 months from date of award.

4. Community workshop. The results of the assessment will be presented to key stakeholders in the community to validate the results. 11.5 months from date of award.

5. Deliverables:

1. Conduct exploratory/expert workshop.
2. Develop research design for a pilot study in the selected community.
3. Conduct community assessment, mapping out both formal and informal networks of selected non-affiliated groups of the Miami-Dade region.
4. Final report of community assessment with recommendations for future phases of work.
5. Conduct community workshop to report back to the community the findings and recommendations of the community assessment.

6. Period of Performance:

- Base Period: September 28, 2009 to September 27, 2010

7. Primary Location of Work:

Institute for Homeland Security Solutions
PO Box 12194
Research Triangle Park, North Carolina 27709-2194

8. Key Personnel:

The following labor categories are considered to be key personnel by the Government.

- A. Program Manager
- B. Senior Researchers/Consultants
- C. Community Outreach Coordinators

9. Security Requirements:

- A. Contractor employees working on this contract must complete such forms and supply such information, as may be determined by the agency, to be necessary for security or other reasons, including the conduct of background investigation to determine suitability. High and Moderate Risk positions require that an applicant fingerprint card (FD-258),

United States of American Authorization of Obtain Consumer (Credit) Report, a Question for Public Trust Positions (SF 85P), and a Non-Disclosure Agreement

Statement shall be completed, submitted, and processed as directed by the Contracting Officer for each contractor employee on this contract. Low Risk positions require only the FD-258 and the SF 85P.

B. The scope of the suitability screening (as determined by the COTR) will depend on the risk level of the contractor position as delineated in DIIS Management Directive 11055, Suitability Screening Requirements Form Contractors. The DHS FEMA Safety & Security Branch, Personnel & Information Security Section shall adjudicate information received as a result of the fingerprint check and OPM background investigation; unless same has been previously adjudicated by the DHS Office of Security or other authorized security office.

C. Access to DHS FEMA facilities, personnel, assets, resources, clients, emergency partners, and sensitive information including proprietary data or resources, requires that contractor employees be in possession of an approved current DHS FEMA identification badge. No contractor employee shall be allowed unescorted access to a DHS FEMA facility or other area subject to security regulations without a favorable suitability determination by DHS FEMA Safety Branch, Personnel & information Security Section, the DIIS Office of Security or other authorized security office.

D. Contractor employees awaiting completion of their background investigation may commence work, in an escorted capacity, after a favorable fingerprint check, as authorized by the Contracting Officer.

E. Issuance of a DHS FEMA approved identification badge (unescorted access) is contingent upon obtaining a favorable background investigation.

F. The Contracting Officer may direct the contractor to exclude, from working on this contract, any employee found or deemed to be unsuitable or whose continued employment on the contract is deemed contrary to the public interest or inconsistent with the best interest of national security.

G. The Contractor shall arrange with its employees for return, to the COTR, of any DHS or FEMA issued identification badges that have expired or have been collected from terminated or departing contractor employees.

H. DHS FEMA shall exercise full control over granting, denying, withholding or terminating unescorted access to all DIIS FEMA facilities, assets, systems, and information based upon the results of a background investigation/check.

I. Contractor employees in High Risk positions shall be investigated every five years. Contractor employees in Moderate or Low Risk positions are not required to be reinvestigated unless specific derogatory information is received that would warrant

reinvestigation. The DHS FEMA Safety & Security Branch, Personnel & Information Security Section, will initiate reinvestigations.

J. The scope of this clause does not extend to classified contracts or contractor employees who require a security clearance.

10. Travel:

The contractor will be required to travel to various field locations as directed by the COTR. All travel shall be pre-approved by the COTR. Travel is subject to the rates established in the Joint Travel Regulation. Travel costs should be no greater than (b)(4)

11. Government Furnished Property:

The Government will provide equipment and supplies necessary to execute the tasks identified in this SOW.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

CONTRACT ID CODE

PAGE OF PAGES

2. AMENDMENT/MODIFICATION NO.

3. EFFECTIVE DATE

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (if applicable)

PO00007 See Block 16C PO00007-00027

6. ISSUED BY CODE DHS/OPO/S&T/EXORR

7. ADMINISTR. RED BY (if other than Item 6) CODE DHS/OPO/S&T/EXORR

U.S. Dept. of Homeland Security Office of Procurement Operations 3&T Acquisition Division 240 Murray Lane SW Building 410

U.S. Dept. of Homeland Security Office of Procurement Operations 3&T Acquisition Division 240 Murray Lane SW - Building 410

(b)(6) Washington, DC 20528

(b)(6) Washington, DC 20528

8. NAME AND ADDRESS OF CONTRACTOR (Include street, county, State and ZIP Code)

9A. AMENDMENT OF SOLICITATION NO.

RESEARCH & ANALYSIS CONTRACTOR

APRN (b)(6)

9B. DATED (SEE ITEM 11)

PO BOX 12100

(b)(6)

BREKIDRHE CONTRACTOR PART NO 177091114

9C. MODIFICATION OF CONTRACT/ORDER NO. PO00007-00027

9B. DATED (SEE ITEM 13)

CODE FACILITY CODE

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. 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)

NONF000001-11-24-10-00-001-01-00-0000-00-00 Net Increase: (b)(6)

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

- CHECK ONE
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO... THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 9A.
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES... 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 Mutual Agreement of the Parties
D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor (x) is not required to sign this document and return copies to the issuing office.

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

DUNS Number: 48341126000
Division: P&A: Human Factors/Behavioral Sciences (1101)
Threat: Global Biological Threat Analysis
Program: OPO/OPD & Incent
Project: World Impact Modeling & Simulation, NIMS
Performance: Federal Biotechnology Institute (BII)
Project Manager: (b)(6)

Appropriation or Title: FY10 (00)
Budget Activity: 100-0000-0000

Exempt as provided herein, 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)
15B. CONTRACTOR/OFFEROR
15C. DATE SIGNED (b)(6)
15D. DATE SIGNED 3/25/2010

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
HHSQDC 08-C-00100/P00007

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NAME OF OFFEROR OR CONTRACTOR
RESEARCH TRIANGLE LABORATORY

ITEM NO (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>ADD: 100-000000 ADD: 100-000000</p> <p>The purpose of this modification is to increase the contract value of HHSQDC-08-C-00100 in to incrementally add \$1,000,000 in the amount of (b)(4). This will be conducted in accordance with the attached Statement of Work (SOW) attached.</p> <p>The value of SOW 0004 remains at (b)(4). With the addition of contract HHSQDC-08-C-00100, the total initial funding of (b)(4) is increased. The added value for SOW 0004 is (b)(4) in excess of the previous total of (b)(4) consisting of (b)(4) in estimated cost and (b)(4) in fixed fee) by the total value of this action, (b)(4) (consisting of (b)(4) in estimated cost and (b)(4) in fixed fee) to a new total of (b)(4) consisting of (b)(4) in estimated cost and (b)(4) in fixed fee). Therefore, the balance of (b)(4) remains available for future funding.</p> <p>As a result of this modification, there is no change to the total maximum contract value, which remains at (b)(4).</p> <p>This action obligates a total of (b)(4) increasing the total funding obligated under the contract from (b)(4) to a new total of (b)(4).</p> <p>All other aspects of this agreement, including payments, period of performance, and terms and conditions not specifically altered herein remain the same.</p> <p>ACQUISITION: NONE</p> <p>Contract No: HHSQDC-08-C-00100 Contract Title: SOW 40 Contracting Officer: WAT MURRAY Contracting Office: HHSQDC Building 10 Washington DC 20520</p> <p>Continued ...</p>				

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
HSHQDC-08-C-00100/P00007

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NAME OF OFFEROR OR CONTRACTOR
RESEARCH TRIANGLE INSTITUTE

ITEM NO (A)	SUPPLIES/SRVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
4006	<p>WIP: Finalization Final User Acceptance: 01/07/2009 (see 4005)</p> <p>Change Order 0024 to read as follows and as stated in the Requested amount):</p> <p>Expanded WIP on Output Modeling and Simulation to include phase with Statement of Work - Definition of Terms</p> <p>Total Estimated Value: (b)(4)</p> <p>to include 2010 Codes: A-741</p>				(b)(4)

Statement of Work for Institute for Homeland Security Solutions

U.S. Department of Homeland Security Science and Technology Directorate Human Factors Division PR # RSHF-10-00027

IV. Background

The U.S. Department of Homeland Security (DHS) is committed to using cutting-edge technologies and scientific talent in its quest to make America safer. The DHS Science and Technology Directorate (S&T) is tasked with researching and organizing the scientific, engineering, and technological resources of the United States and leveraging these existing resources into technological tools to help protect the homeland. The Human Factors Division (HFD) within S&T applies the social and behavioral sciences to improve the detection, analysis, and understanding of threats posed by individuals, groups, and radical movements; supports the preparedness, response, and recovery of communities impacted by catastrophic events; and advances homeland security by integrating human factors technologies. Formation of the Institute for Homeland Security Solutions (IHSS) supports the Human Factors Division by establishing a resource for foundational and applied research in the sociological, physiological and psychological dimensions of homeland security; in modeling and simulation relevant to hazard and risk analysis, decision analysis and training; and in human systems development to support federal, state and local execution of homeland security missions.

IHSS is a Congressionally-mandated center to be established under the Research Triangle Institute of North Carolina (RTI) and is dedicated to conducting applied technological and social science research with universities, other federal agencies, state and local security agencies and the private sector. This statement of work (SOW) is in response to Broad Agency Announcement (BAA) number BAA08-01 submission and supports congressional mandates.

V. Scope of Work

IHSS will focus on developing near-term technological solutions to practical, real world problems that have broad applications. IHSS will support DHS missions by directing research toward critical policy and operational implications of new science and technologies, and will be narrowly focused on information analysis tools and policies. Projects will be conducted by researchers affiliated with a consortium of universities, research organizations, and businesses located in North Carolina's Research Triangle region initially, with the potential to expand its scope to include other regional and national partners as the project develops.

The IHSS will focus on applied research to develop practical, near-term solutions for collecting, managing, processing, and analyzing homeland security related data. IHSS will engage in social

and behavioral research to advance DHS's understanding of the role of human factors in homeland security policy, legal issues, technology, and other related areas. IHSS will combine current best practices and knowledge with original research to develop and disseminate information that informs policy makers, contributes to programmatic goals, and advances science. Key thrust areas include but are not limited to:

- Methods for collecting, managing, processing, and analyzing homeland security related data
- Social and behavioral research to advance our understanding of the role of human factors in homeland security policy, legal issues, technology, and other related areas
- Social-behavioral threat analysis, including precursors, signatures, and deterrence of radicalization; suspicious behavior detection; community preparedness, response, and recovery.

IHSS shall perform the following tasks as directed by DHS HFD:

Task 1: Violent Intent Modeling. Develop a core set of vetted strategic models which describe and assess the likelihood that a group—whether a domestic U.S. group or a transnational or foreign group—is likely to adopt violence as a strategy to achieve its goals. Specifically, develop models and simulations whose parameters are informed by social and behavioral sciences, to generate scenarios and alternative hypotheses about a group's likelihood of violent behavior and the influences on such behavior, and to measure the impact of changes in the model parameters on the scenarios generated. The system design will enable analysts to identify:

- From where the model parameters were derived
- The theoretical basis on which they depend
- The body of research that supports their characteristics
- Other relevant bases of the model parameters.

Task 2: Synthesis and Analysis of Homeland Security Research. There are numerous sources of information—including intelligence reports, historical research, strategic and tactical level analyses, political position papers, government documents, and websites—that attempt to provide insight into homeland security-related matters. What is lacking in these sources is a dedicated research institute that attempts to consolidate, synthesize and present this body of knowledge in a way that is usable to leaders, decision-makers and policy-makers. IHSS will focus research and analytic effort to the synthesis and analysis of this expanding body of knowledge through regularly published briefings and research products directed toward high level government and private sector decision-makers. This task will develop methodologies for information management and distribution of homeland security related information.

Task 3: Modeling and Simulation for Training and Analysis. This project will develop modeling and simulation tools based on current state of the art simulations—such as that used in multi-player online gaming—to support the networked training, scenario development and testing of innovative concepts for homeland security across an interdisciplinary group of researchers including:

- Universities
- Government agencies at the federal, state and local levels
- Private sector industry and non-profit organizations
- Professional emergency management and first responders

The objective of this project will be to facilitate advances in the development and application of high-fidelity analysis of the human dimension of homeland security specifically focusing on public information and risk communication, social cohesion and resilience—both pre- and post-disaster—and the evaluation of policy alternatives through modeling and simulation.

Task 4: Investigator Initiated Projects. The primary purpose of the IHSS is to develop near-term solutions to practical, real world problems using innovative techniques and leading scientific theories and processes. This requires that the IHSS combine the real needs of DHS and related agencies with forward thinking approaches developed by the research community. The IHSS will institutionalize this purpose into its project initiation procedures by supporting exclusively investigator initiated projects that are designed to meet the needs of DHS. All projects, including the examples listed above, will be required to follow a standard process and objective review. The review will include objective award criteria to assess key dimensions of the project, including but not limited to:

- Demonstrated relevance to near-term, real-world security needs;
- Quality of the management plan and staffing;
- Proposed quality control process;
- Schedule and key milestones;
- Deliverables table;
- Dissemination, publication, and presentation plans.

The deliverables to be completed by RTI are described below:

Program Deliverables			
SOW Task	Deliverable	Major Tasks	Due Date
1	Research Needs Assessment - IHSS will conduct a series of needs assessments with key security stakeholders, including representatives from various agencies within DHS and related agencies from other parts of the federal, state, and local government and the private sector. These needs assessments will be used to define the research needs of the various organizations in order to guide the creation of tailored and relevant research projects that meet real-world, near-term needs.	• Identify internal and external stakeholders for research products	1 month from award date
		• Develop prioritized research plan and resource allocation	3 months from award date
		• Develop research strategy and operational-level implementation plan	4 months from award date

		<ul style="list-style-type: none"> • Provide report and briefing to DHS IIFD. 	6 months from award date
2	<p>Violent Intent Modeling - A research plan acceptable to the COTR that will accomplish the project's objectives as outlined by IIFD personnel in collaboration with the performers</p>	<ul style="list-style-type: none"> • Acceptance of project plan by HFD POC for Project 	2 months from award date
		<ul style="list-style-type: none"> • Review and revise social, behavioral and cultural theories, research, methods and data relevant to VIM analytical task(s). 	4 months from award date
		<ul style="list-style-type: none"> • Validate design criteria for a graphical user interface for VIM display. 	6 months from award date
		<ul style="list-style-type: none"> • Review Information Extraction and Content Analysis tools available in industry and academia to identify those appropriate for VIM. Integrate chosen tools with M&S capability. 	8 months from award date
		<ul style="list-style-type: none"> • Conduct gap analysis of M&S technologies and algorithms appropriate for M&S of violent intent. 	10 months from award date.
		<ul style="list-style-type: none"> • Validate and supplement core set of strategic models that describe likelihood a group will adopt violence as a strategy to achieve its goals. 	10 months from award date.
		<ul style="list-style-type: none"> • Deliver expandable M&S architecture and capability to analyze and present VIM data. 	12 months from award date

3	<p>Synthesis and Analysis of Homeland Security Research – Routine reports and point papers of no more than 5 pages in length that highlight significant research findings, developments and theories and events relevant to homeland security.</p>	<ul style="list-style-type: none"> • Develop needs assessments with key stakeholders including representatives from various agencies within DHS and related agencies from other parts federal, state, and local government and the private sector. • Commence regular schedule of preparation and delivery of research products to targeted audience and stakeholders. 	<p>4 months from award date</p> <p>6 months from award date</p>
4	<p>Modeling and Simulation for Training and Analysis - A stand-alone modeling and simulation tool to support networked training, scenario development and testing of innovative concepts for homeland security</p>	<ul style="list-style-type: none"> • Develop needs assessments with key stakeholders including various agencies within DHS and related agencies from other parts federal, state, and local government and the private sector. Identify priorities for training support to homeland security communities. • Survey M&S products in use for training, analysis and support of first responders, agencies and organizations in homeland security. • Identify and prioritize M&S methods and tools with potential to improve disaster training and planning. • Deliver a prototype stand-alone M&S capability for multi-agency training of first responders and civic leadership for the county and city level. 	<p>12 months from award date</p> <p>16 months from award date</p> <p>24 months from award date</p> <p>36 months from award date</p>