

CONTINUATION SHEET

REFERENCE NO OF I VEMENT BEING CONTINUED

HSHQDC-07-C-00016/P00003

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NAME OF OFFEROR OR CONTRACTOR
NORTHEASTERN UNIVERSITY

ITEM NO (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
0005	<p>Period of Performance: 07/10/2006 to 10/31/2008</p> <p>Add Item 0005 as follows:</p> <p>The purpose of this modification is to incorporate an additional tasking into the contract's Statement of Work (see Attachment 1.)</p> <p>Obligated Amount: \$12,000.00</p>				12,000.00

**Statement of Work for Northeastern University
Contract HSHQDC-07-C-00016**

Support for NATO SET Panel 124

**Directorate of Science and Technology
U.S. Department of Homeland Security
International Programs Division**

I. 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 Directorate of Science and Technology (S&T) is tasked with researching and organizing the scientific, engineering, and technological resources of the United States and the international community and leveraging these existing resources into technological tools to help protect the homeland. The International Programs Division (IND) at DHS S&T was established in accordance with the Implementing Recommendations of the 9/11 Commission Act of 2007 (codified as amended at 6 U.S.C. 317), indicating DHS priority. The responsibilities of IND is to facilitate the matching of US entities engaged in homeland security research with foreign counterparts so that they may partner in cooperative research activities.

IND, in conjunction with DHS S&T's Counter-IED Detection Program, seeks to continue efforts to develop Terahertz wave based sensing technologies for standoff explosives detection. These efforts have been initiated by Northeastern University and its performer, Rensselaer Polytechnic University (Contract HSHQDC-07-C-00016). This task will provide the Government with the capacity to further develop THz technology and to support NATO field tests of such technology. The output - a report of these efforts and a report on the NATO meeting--will build capacity for international operational cooperation in the area counter-IED detection.

II. Scope of Work

Northeastern University and its performer will continue the development of Terahertz wave based sensing technologies for standoff explosives detection. In addition to the tasks already prescribed in the aforementioned contract, the performer will also help organize and then participate in the 4th NATO SET Panel 124 business meeting to be held at The Hague, Netherlands in late October 2008. The performer will present their result in the meeting (pre-approval might be required by DHS).

Upon completion of this international meeting, the performer shall deliver a report documenting the results of the NATO meeting. A final report shall be submitted to DHS S&T documenting

the efforts to develop THz technology, field tests of such technology and technical recommendations on the state-of-the-art in Terahertz based explosives detection.

III. Other Contract Details

1. **Period of Performance.** The period of performance for this SOW is for a period of twelve months from the date of award. DHS may give subsequent extension notices to Northeastern University in writing for further performance in accordance with the terms of this SOW.
2. **Travel.** Travel to a NATO meeting in Europe is anticipated.
3. **DHS-Furnished Information.**
 - a. DHS will provide certain DHS information, materials, and forms unique to DHS to Northeastern University 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.
4. **Place of Performance.** Northeastern University will perform the work under this SOW at their location in Boston, Massachusetts and at Rensselaer Polytechnic University in Troy, NY.
5. **Deliverables.** Northeastern University will provide all deliverables identified in this SOW to the DHS S&T Technical Representative with a copy of the transmittal letter to the Contracting Officer.
6. **Program Status Report.** Northeastern University will deliver a final Program Status Report in accordance with the Parties mutually agreed format and content requirements to the DHS Technical Representative and DHS Resource Manager. Among other things, the report shall include financial, schedule, and scope information, and an assessment of performance for all work performed under this SOW.

Funding Requirements. DHS will provide funding to Northeastern University in accordance with DHS's appropriations and available funds pursuant to the allocation as outlined below:

\$12,000 Support for NATO SET Panel 124

7. **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 Northeastern University as to which work will be conducted in a classified manner and at

which classification level. Northeastern University 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 Secret level and with the Restricted Data category.

IV. Points of Contact

Northeastern University Points of Contact (POCs) are as follows:

Technical Representative

Prof. X.-C. Zhang
Center for Terahertz Science and Technology
Rensselaer Polytechnic Institute
Phone: (b) (6) email: (b) (6)

Financial Representative

John Beaty
Northeastern University
320 Huntington Avenue
(b) (6)

Boston, Massachusetts 02115
Cell: (b) (6) Phone: (b) (6)
Fax: (617) 373-8627. (b) (6)

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

The DHS S&T POCs are as follows:

Technical Representative

Penny Satches-Brohs
Deputy Director
International Programs Division
Science and Technology Directorate
U.S. Department of Homeland Security
(b) (6)

Washington, DC 20005
Phone: (b) (6)
E-Mail: (b) (6)

Financial Representative

Ms. Stephanie Howlett
International Programs Division
Science and Technology Directorate

U.S. Department of Homeland Security

(b) (6)

Washington, DC 20005

Phone: (b) (6)

E-Mail: (b) (6)

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