AMERICAN SCIENCE & ENGINEERING INC Form 8-K September 16, 2009

U.S. SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

FORM 8-K

Current Report Pursuant

to Section 13 or 15(d) of the

Securities Exchange Act of 1934

Date of Report (Date of earliest event reported) September 16, 2009

AMERICAN SCIENCE AND ENGINEERING, INC.

(Exact Name Of Registrant As Specified In Its Charter)

MASSACHUSETTS

(State or Other Jurisdiction of Incorporation)

1-6549

(Commission File Number)

04-2240991

(I.R.S. Employer Identification No.)

829 MIDDLESEX TURNPIKE, BILLERICA, MASSACHUSETTS

(Address of Principal Executive Offices)

01821

(Zip Code)

(978) 262-8700

(Registrant s Telephone Number, Including Area Code)

N/A

(Former Name or Former Address, if Changed Since Last Report)

ITEM 8.01. OTHER EVENTS.

On September 16, 2009, American Science and Engineering, Inc. issued a press release announcing the receipt of a service contract award for up to \$28.2 million from the U.S. government to provide service and maintenance for Z Backscatter Van X-ray inspection systems. The U.S. government has funded \$24.4 million of the contract award with a remaining option of \$3.8 million. A copy of the press release issued on September 16, 2009 regarding the service contract award is filed as Exhibit Number 99.1.

ITEM 9.01 EXHIBITS.

Exhibit Number		Description
99.1	Press Release dated September 16, 2009.	

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SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

Date: September 16, 2009 AMERICAN SCIENCE AND ENGINEERING, INC.

By: /s/ Patricia A. Gray

Patricia A. Gray

Senior Vice President and General Counsel

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EXHIBIT INDEX

Exhibit Number	1	Description
99.1	Press Release dated September 16, 2009.	
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