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**UNITED STATES  
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 22, 2014

**USEC Inc.**

*(Exact name of registrant as specified in its charter)*

**Delaware**

*(State or other jurisdiction of incorporation)*

**1-14287**

*(Commission File Number)*

**52-2107911**

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

**Two Democracy Center  
6903 Rockledge Drive  
Bethesda, MD 20817  
(301) 564-3200**

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
  - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
  - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
  - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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### **Item 1.01 Entry into a Material Definitive Agreement.**

On September 22, 2014, USEC Inc. (“USEC” or the “Company”) entered into Amendment No. 008 (“Amendment No. 008”) to the agreement dated May 1, 2014 with UT-Battelle, LLC, as operator of Oak Ridge National Laboratory (“ORNL”), for continued research, development and demonstration of the American Centrifuge technology in furtherance of the U.S. Department of Energy’s (“DOE”) national security objectives (the “American Centrifuge Technology Demonstration and Operations Agreement” or “ACTDO Agreement”). Amendment No. 008 amends the ACTDO Agreement to provide for additional funds of approximately \$6.9 million, bringing total funding to approximately \$40.7 million. The other terms and conditions of the ACTDO Agreement were not changed by the Amendment.

The ACTDO Agreement provides for continued cascade operations, the continuation of core American Centrifuge research and technology activities, and the furnishing of related reports to ORNL. The agreement is a firm fixed-price contract with a total price of approximately \$75.3 million for the period from May 1, 2014 to March 31, 2015. The agreement provides for payments of approximately \$6.7 million per month through September 30, 2014 and approximately \$6.9 million thereafter. The ACTDO Agreement is incrementally funded. Funds currently allocated to the ACTDO Agreement are expected to cover the work to be performed through October 31, 2014. The agreement also provides ORNL with one additional option to extend the agreement by six months to September 30, 2015. The option is priced at approximately \$41.7 million. ORNL may exercise its option by providing notice 60 days prior to the end of the term of the agreement. The total price of the contract including options is approximately \$117 million.

This current report on Form 8-K contains “forward-looking statements” within the meaning of Section 21E of the Securities Exchange Act of 1934 - that is, statements related to future events. In this context, forward-looking statements may address our expected future business and financial performance, and often contain words such as “expects”, “anticipates”, “intends”, “plans”, “believes”, “will” and other words of similar meaning. Forward-looking statements by their nature address matters that are, to different degrees, uncertain. For USEC, particular risks and uncertainties that could cause our actual future results to differ materially from those expressed in our forward-looking statements include, but are not limited to, the impact of and risks related to USEC Inc.’s “pre-arranged” case under Chapter 11 of the bankruptcy code including risks related to satisfying the conditions of the order by the bankruptcy court confirming USEC Inc.’s plan of reorganization, the risks related to complying with the terms of the plan, the impact of a potential de-listing of our common stock on the NYSE, and the impact of our restructuring on the holders of our common stock, preferred stock and convertible notes; risks related to the ongoing transition of our business, including the impact of our ceasing enrichment at the Paducah gaseous diffusion plant and uncertainty regarding our ability to deploy the American Centrifuge project; uncertainty regarding funding for the American Centrifuge project and the potential for a demobilization or termination of the American Centrifuge project if additional government funding is not provided during the term of the ACTDO Agreement, including for any option periods, or upon completion of such agreement; risks related to our ability to perform the work required under the ACTDO Agreement at a cost that does not exceed the firm fixed funding provided thereunder; the impact of actions we have taken or may take (including as a result of the reduction in scope of work under the ACTDO Agreement) to reduce spending on the American Centrifuge project, including the potential loss of key suppliers and employees, impacts to cost and schedule and the ability to remobilize for commercial deployment of the American Centrifuge plant, impacts on our liquidity as a result of demobilization or termination liabilities, and potential impacts on our proposed plan of reorganization; the impact of enrichment market conditions, increased project costs and other factors on the economic viability of the American Centrifuge project without additional government support and on our ability to finance the project and the potential for a demobilization or termination of the project; uncertainty regarding our ability to achieve targeted performance over the life of the American Centrifuge Plant which could affect the overall economics of the American Centrifuge Plant; uncertainty concerning the ultimate success of our efforts to obtain a loan guarantee from DOE and/or other financing for the American Centrifuge project or additional government support for the project and the timing and terms thereof; the dependency of government funding or other government support for the American Centrifuge project on Congressional appropriations or on actions by DOE or Congress; potential changes in our anticipated ownership of or role in the American Centrifuge project, including as a result of our role as a subcontractor to ORNL or as a result of the need to raise additional capital to finance the project in the future; the potential for DOE to seek to terminate or exercise its remedies under the 2002 DOE-USEC agreement; changes in U.S. government priorities

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