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## FOR IMMEDIATE RELEASE

Siemens Partners with U.S. Federal Bureau of Prisons (BoP) to Implement Energy and Water Conservation Measures at Kentucky Correctional Sites

- **Energy and water savings at two Federal Bureau of Prisons (BoP) facilities guaranteed by Siemens**
- **Project funded through an Energy Savings Performance Contract (ESPC)**

(ARLINGTON, VA, May 3, 2016) Siemens has been awarded a \$38.6M contract by the Federal Bureau of Prisons (BoP) to implement a comprehensive set of energy and water conservation measures at two correctional facilities in eastern Kentucky that will save the Federal Government and taxpayers \$2.5M annually.

Siemens Government Technologies, Inc. (SGT) will implement this work through an Energy Savings Performance Contract (ESPC), an alternative financial mechanism that allows Federal agencies to reduce their energy use and costs by accelerating investment in cost-effective conservation measures while incurring no capital costs. The cost of the project is being funded by energy savings generated through energy conservation measures being installed and operated by the Siemens Building Technologies Division. The annual energy savings are guaranteed by Siemens and the project will pay for itself in 20 years.

Siemens will make these energy and water conservation measures at the Federal Correctional Institution (FCI) in Ashland and the Federal Medical Center (FMC) in Lexington, both minimum security facilities. Siemens will implement 44 individual projects that will bring modern energy and water savings equipment and building automation systems into facilities that date to the 1930s and 1940s. Conservation measures include replacing major heating, ventilation, and air conditioning (HVAC) systems and upgrading lighting and water infrastructure. Perhaps most significant, Siemens will replace the steam facility at the Lexington site with a modern high-efficiency facility outside the security fence. Repositioning the steam plant outside the security fence greatly simplifies its construction and long-term maintenance and reduces the overall cost of operation.

In addition to helping to meet Federal mandates to improve the sustainability of Federal buildings, Siemens will install technologies that will require less maintenance and, therefore, lower life-cycle costs. Modern LED lighting, modern building automation systems, low-flow sink and shower fixtures, high-efficiency refrigeration systems for

kitchen facilities, modern roof-top HVAC systems and laundry water recycling systems will anchor the projects at both locations.

The energy and water savings will support the BoP's efforts to meet its White House mandate as outlined in Executive Order (EO) 13693 that Federal facilities reduce their energy consumption by 2.5% per year and potable water consumption by 2% per year by fiscal year 2025.

"Siemens is proud to partner across the Federal Government by applying our innovative energy and environmental expertise to help agencies meet their sustainable energy goals. We are pleased that the Federal Bureau of Prisons has chosen Siemens to help them improve the energy and water efficiency of these publicly-owned buildings and facilities, reduce carbon emissions and enhance our nation's energy security. It is especially noteworthy that implementing these improvements through an ESPC incurs no additional cost to the U.S. taxpayer," said Barbara Humpton, SGT's President and Chief Executive Officer. "As the largest single user of energy in the United States, the Federal Government is leading by example through these public-private partnerships."

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Siemens Government Technologies, Inc. (SGT) is a federally-compliant U.S. organization structured to help the Federal Government meet our nation's greatest challenges in infrastructure, energy, industrial automation and healthcare. SGT is the leading integrator for Siemens' innovative products, technologies and services to meet the needs of federal customers. For more information on SGT, Inc., please visit: <http://www.siemensgovt.com/>.

The **Siemens Building Technologies Division** (Buffalo Grove, Ill.) is the North American market leader for safe and secure, energy-efficient and environment-friendly buildings and infrastructures. As a technology partner, service provider, system integrator and product vendor, Siemens Building Technologies has offerings for fire protection, life safety and security as well as building automation, heating, ventilation and air conditioning (HVAC), and energy management. To learn more about the Siemens Building Technologies Division, visit [www.usa.siemens.com/buildingtechnologies](http://www.usa.siemens.com/buildingtechnologies) and [usa.siemens.com/federal](http://usa.siemens.com/federal).