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Siemens Government Technologies Extends Smart Infrastructure and Energy Efficiency and Resiliency for Dyess Air Force Base

Newest Task Order Achieves Greater than \$4.5 Million in Annual Energy Savings

RESTON, Va. – Siemens Government Technologies (SGT), Inc. – the federally-focused U.S. arm of technology powerhouse Siemens – is expanding critical energy efficiency and resiliency work at Dyess Air Force Base (AFB) in Abilene, Texas. Using a budget neutral solution that SGT is uniquely qualified to implement through an Energy Savings Performance Contract (ESPC) awarded by the U.S. Army Corps of Engineers' Engineering and Support Center, Huntsville, the Air Force will upgrade to newer energy efficient systems for cooling, heating, lighting and water conservation while simultaneously incorporating enhanced resiliency with new on base power generation and storage capabilities. All work under the current task order is valued at more than \$60 million, paid for by annual energy savings of more than \$4.5 million, covering the full cost of implementation over the more than 20-year performance period of the contract. SGT, with the help of Siemens Financial Services (SFS), self-financed the construction period in a way that reduced financing costs for the customer.

Siemens has a proud history of more than 20 years serving the critical energy and infrastructure needs of the Dyess AFB team. Established in 1942 as Abilene Army Air Base, it is named in honor of Bataan Death March survivor Lieutenant Colonel William Dyess. Today, the base encompasses more than 6,409 acres with more than 200 facilities and is home to more than 13,000 military and civilian employees, the 7th Bomb Wing, 317th Airlift Group and 489th Bomb Group.

The energy efficiency improvements for Dyess AFB will not only reduce total energy consumption but also enhance the total base islanding capability in the event of disruption to the existing utility-connected grid. New distributed energy resources will be tied in to the two existing power substations on base, with the addition of two new natural gas reciprocating internal combustion engines and a battery energy storage system. The two substations will then be connected via a distributed generation resiliency management system to control the distribution of power across the base – anticipating periods of high demand and leveraging the lowest cost of energy generation available at that time – and conversely reclaiming energy surplus through battery storage when demand is low, to return power to the grid when it's needed the most.

"Our integrated team has been fortunate to serve Dyess AFB with critical smart infrastructure and energy efficient systems to support them in the fulfillment of their national security mission," said Tina Dolph, president and CEO of Siemens Government Technologies. "By providing new resources that expand on base resiliency and efficiency for smart energy management, the units based at Dyess can maintain focus on their priority missions of critical training, maintenance and airlift needs here at home and around the world."

The financing for the project was made possible through SFS, drawing from a depth of international finance experience with more than 268,000 customers across 57 countries worldwide. To overcome cash-flow challenges during the two-year construction period, SFS developed a non-recourse construction financing

solution to ensure the project is fully financed and paid for through guaranteed energy savings over the life of the program.

"We're proud to develop innovative financing solutions that advance energy conservation measures for SGT's federal clients," said Anthony Casciano, president and CEO, Siemens Financial Services, Inc. "We look forward to more ESCP projects that promote both energy and cost savings."

In fact, through similar project work at government facilities in the U.S. and around the world, SGT is delivering today on projects with more than \$1 billion in guaranteed energy savings.

About Siemens Government Technologies

[Siemens Government Technologies](#) is the wholly-owned, cleared U.S. subsidiary of Siemens Corporation whose mission it is to secure and modernize the largest infrastructure in the world, the U.S. Federal Government. It does so by being the leading integrator of Siemens' innovative products, technologies, software and services in the areas of digital engineering and modeling, efficient and resilient energy solutions, and smart infrastructure modernization.

About Siemens Financial Services (SFS)

[Siemens Financial Services \(SFS\)](#) – the financing arm of Siemens – provides business-to-business financial solutions. A unique combination of financial expertise, risk management and industry know-how enable SFS to create tailored innovative financial solutions. With these, SFS facilitates growth, creates value, enhances competitiveness, and helps customers access new technologies. SFS supports investments with equipment financing and leasing, corporate lending, equity investments and project and structured financing.

About Siemens

[Siemens Corporation](#) is a U.S. subsidiary of Siemens AG, a global technology powerhouse that has stood for engineering excellence, innovation, quality, reliability and internationality for more than 170 years. Active around the world, the company focuses on intelligent infrastructure for buildings and distributed energy systems and on automation and digitalization in the process and manufacturing industries. Siemens brings together the digital and physical worlds to benefit customers and society. Through Mobility, a leading supplier of intelligent mobility solutions for rail and road transport, Siemens is helping to shape the world market for passenger and freight services. Via its majority stake in the publicly listed company Siemens Healthineers, Siemens is also a world-leading supplier of medical technology and digital health services. In addition, Siemens holds a minority stake in Siemens Energy, a global leader in the transmission and generation of electrical power that has been listed on the stock exchange since September 28, 2020. In fiscal 2020, Siemens Group USA generated revenue of \$17 billion and employs approximately 40,000 people serving customers in all 50 states and Puerto Rico.

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