

## Siemens in Egypt

- Siemens currently has about 515 employees in Egypt.
- Siemens supplied all the medical equipment for the Children's Cancer Hospital in Egypt (CCHE) and is also responsible for the service, maintenance and operation of the electromechanical facilities. The hospital is considered a world-class Center of Excellence for pediatric oncology in Egypt and the Middle East. The charity hospital provides free treatment for children recently diagnosed with cancer.
- Siemens was awarded several contracts by the Dakahleya Sugar Company. This is a breakthrough project for the Industry Automation Division in Egypt. The scope includes automation and instrumentation solutions for the entire sugar plant.
- For more than 25 years, the Egyptian National Railways have been using the train control system supplied by Siemens to guarantee safe train operation on their rail network.
- Siemens is in the final stage of setting up a gas-insulated switchgear (GIS) factory in Egypt, the fifth Siemens GIS factory worldwide and the first factory of its kind in Africa and the Middle East.
- Siemens was awarded the High Dam switchyard rehabilitation project (132 kV to 220 kV), a turn-key project consisting of three phases.
- Siemens supported the connection of the El-Owaynat area (located in a very remote area in the southwest of Egypt) to the national unified electricity grid. The project facilitates the reclamation of an approximately 220,000 acre area and will thus help new projects to be implemented here in the future.
- Siemens has set up a field service hub in Cairo to provide high-quality services for gas turbines, steam turbines and generators within the Region Middle East.
- Siemens delivered the Sidi Krir substation, Egypt's first 500 KV gas-insulated substation.
- This year, Siemens Egypt is celebrating its 110<sup>th</sup> anniversary.

Siemens offers a wide range of solutions and services in Egypt, where its Industry, Energy and Healthcare Sectors occupy leading positions. In fiscal 2011, Siemens in Egypt scored major successes in all three Sectors:

## **Industry Sector**

Siemens was awarded two contracts for motors, drives and automation systems by the greenfield cement plant of the Building Material Industry Company (BMIC). This project linked the various successes resulting from the partner agreement between Siemens Egypt and ASEC Automation, the largest cement system integrator and Engineering Procurement Construction company (EPC) in the region.

Siemens and the Egyptian Sugar and Integrated Industries Company (ESIIC), the largest local producer of sugar in Egypt, conducted a joint study to expand the capacity of the sugar house centrifuges from 1,500 kg to 2,000 kg. A prototype was successfully tested, resulting in a 30-percent increase in production with only 10 percent additional power consumption. This resulted in Siemens winning a contract with ESIIC for the supply of centrifugal drive solutions for 20 centrifuges.

The Industry Automation and Drive Technologies Divisions, together with the Industrial Training Council (ITC), held their second INDustry-Academia Competition (INDAC), when 46 projects were submitted by more than 250 engineering students from 22 universities across Egypt. The competition was designed to foster prototypes for real industrial problems.

Siemens' Industry Solutions Division received the gold Arab Achievements Award at the Arab Investment Summit 2011 for the best project for the renovation of the old and new Cataract Hotel in Aswan.

Siemens was entrusted by SODIC (one of Egypt's fastest growing real estate development companies), through their general contractor SIAC, to deliver and install the complete electromechanical package for the Polygon Office Park, located on the Cairo-Alexandria desert road. This was one of the largest single orders received by the Industry Solutions Division.

The service, maintenance and operation contracts for the electromechanical facilities of the Conservation Center of the new Grand Egyptian Museum were extended. In addition, the Solvay Alexandria Sodium Carbonate Company awarded Siemens the contract for the complete electrical and instrumentation as well as the heating, ventilation, and air conditioning (HVAC) packages for its plant in Alexandria.

The Egyptian National Railways (ENR) awarded Siemens two contracts; the first for components for the signaling systems and the second for an Automatic Train Control (ATC) system.

## **Energy Sector**

With the completion in less than seven months of the Al-Shabab 220 kV gas-insulated substation (GIS), located 100 km east of Cairo, Siemens set a world record for construction time; this is now considered a benchmark for comparable projects.

The Power Transmission Division was awarded four additional contracts for turn-key air-insulated substations (AIS). The first involves a 220 kV substation (October 6) and the other three are for the El-Maadi, west Damanhour and Tema substations.

To increase Siemens' market share in Egypt and encourage local manufacturing, the Power Transmission Division is in the final stage of setting up a GIS factory in Egypt. The factory, which will be ready to start production in January 2012, is the fifth Siemens GIS factory in the world and the first factory of its kind in Africa and the Middle East.

The Energy Service Division was awarded the wet compression upgrade contract for eight gas turbines at the Nubaria, Talkha and El-Kureimat power plants. This will increase the power output by a minimum of 25 MW per gas turbine during periods of high demand.

The Midor Electricity Company in Alexandria awarded Siemens an extension of the contract for supplying electricity to three refineries as well as for operation and maintenance for a period of ten years.

Techint and Uhde GmbH extended the Oil & Gas Division contracts for the supervision of the building and commissioning of Siemens' steam turbine units at Damietta (about 200 km north of Cairo). In addition, Engineering for Petroleum and Process Industries (Enppi) awarded Siemens an extension of the Brullus phase VII project contract for supervising the building and commissioning of three turbo generator packages. Iberdrola awarded Siemens an extension of the Kuraymat power station project contract for supervising the building and commissioning of the Siemens steam turbine 900.

## **Healthcare Sector**

Egypt's Ministry of Health ordered 11 magnetic resonance imaging (MRI) units, the largest MR order in Egypt.

For the second time, Siemens supplied five major universities across Egypt – Ain Shams, Menofia, Assiut, South Valley and Cairo Universities (National Cancer Institute) – with products for interventional radiology and cardiology.

Siemens maintained its position in cardiac computed tomography (CT) with the delivery of the innovative SOMATOM Definition Flash for Ain Shams University and As Salam Hospital.

Siemens supplied the Ministry of Defense with its third Somatom Definition Flash computed tomography system, this one for the Military Production Hospital.

The company delivered the second Artiste radiotherapy unit to Ayadi El-Mostakbal Society Hospital in Alexandria. The hospital has been fully equipped by Siemens over the past six years.

Siemens delivered Egypt's first single-photon emission computed tomography/computed tomography (SPECT CT) type Symbia T to Assiut University. This is in addition to the delivery and commissioning of the five gamma cameras at Al-Azhar, Beni Suef and Cairo Universities.

The history of Siemens in Egypt dates back to 1859, when Siemens implemented its first turn-key project. In 1901, Siemens opened its first technical office in Cairo. In 1992, Siemens Limited was established to handle all Siemens sales and service activities in Egypt. Since October 1998, Siemens Limited has been a consolidated Regional Company, with the goal of further expanding and strengthening Siemens' business relations with Egypt. On October 1, 2008, Siemens Limited became Siemens S.A.E.

Over the past 110 years, Siemens has developed into an innovative, long-term, reliable and committed partner to Egypt. Siemens plays a significant role as a good corporate citizen and is considered to be a key partner and supporter of educational programs. These include several student initiatives and programs to develop students' soft skills and technical knowledge. As part of the Green Generation Initiative, Siemens launched the "Green Box" experiment box, designed to not only raise awareness among children ages 8-12 about energy and environmental issues, but also to spark the youths' interest through Siemens' innovative approaches and broad green portfolio. Siemens successfully distributed 200 boxes to selected schools.

Siemens is fully committed to a business strategy that provides maximum benefit to its customers and generates profit while improving the quality of life of the communities served by the company.

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