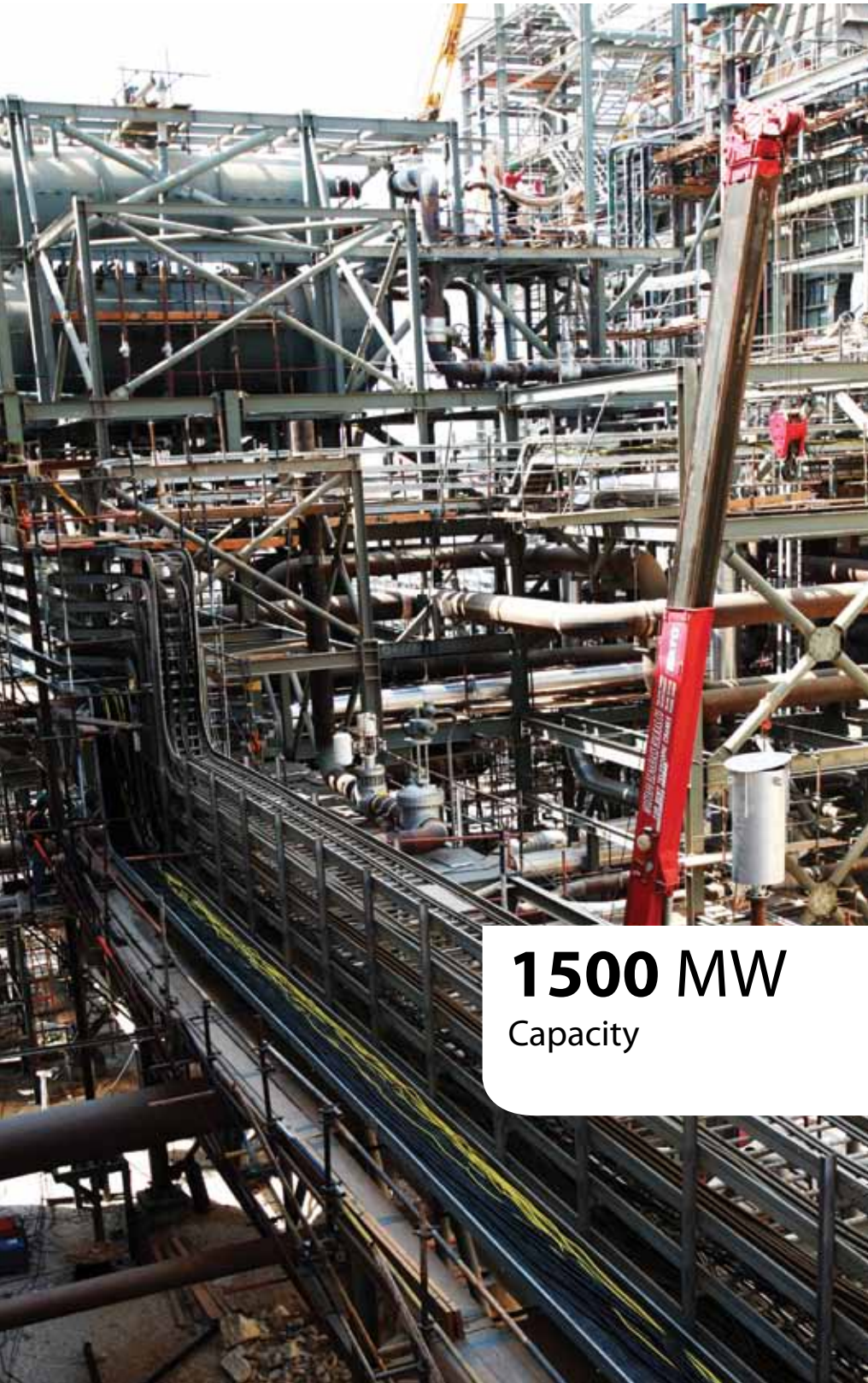


Leading the way

ECG newsletter

Vol 25

October 2010 - January 2011



Damietta and Al-Shabab Gas Turbine Generating Plants (GTGP)

Kharafi National (KN) awarded ECG the provision of the engineering design and supervision services in support to their recently awarded engineering, procurement and construction (EPC) contract. The contract comprises both Damietta and Al-Shabab Gas Turbine Generating Plants (GTGP).

It is planned to start commercial operation in June 2011 for Al-Shabab GTGP and in July 2011 for Damietta GTGP. Subsequently, ECG has set its fast track methodology to fully complete the design services within a strict tight deadline satisfying KN proposed schedule requirements.

Al-Shabab shall have eight new gas turbines with a total rated capacity of 1000 MW using 8x125 MW gas turbines, while Damietta shall have four new gas turbines with a total rated capacity of 500 MW using 4x125 MW gas turbines.

Understanding the importance, sensitivity and urgency for implementing the plants under strict time constraint; being a national "on-the-spot" project, ECG has quickly set a task force of its senior staff to plan the project and fulfill the project staffing. Immediate mobilization of work teams, fast-track quality control measures, and packaging of deliverables were tailored to meet KN milestones, enable the quick start of construction and allow for a continuous flow of KN construction execution scheme. Construction has already started in both sites in December 2011.

1500 MW
Capacity

News...

Sustainability



As part of its efforts to foster and support sustainable building designs and construction initiatives, in 2010 ECG Engineering Consultants Group has become a member of the United States Green Building Council (USGBC); a non-profit community of leaders working to make green buildings available to everyone. Leading the Architectural / Engineering firms in Egypt, ECG is one of the first Egyptian Architectural / design firms to register a LEED project in Egypt.

AVEX Airshow 2010



The fourth opening of AVEX International Airshow took place in Sharm el-Sheikh on November 7th, 2011. The four-day biannual event was organized by the Egyptian Ministry of Civil Aviation. AVEX captured the interest of local and international aviation professionals from airports, airlines, aircraft manufacturers, consultants and ground handlers who were present.

H.E. the Minister of Aviation and the Chairman and CEO of EgyptAir visited ECG stand during the Exhibition. ECG was keen to be present as a leading consultant in the aviation sector.

Project updates...



Al Marasem International Hospital, New Cairo, Egypt

With a built up area of 30,000 m², the 200-bed general hospital aims to deliver comprehensive healthcare services. The hospital comprises surgical department with an Intensive Care section, Labor/Delivery department including a Caesarean section, Intensive Care Unit, Coronary Angioplasty department, Endoscopy, Emergency, Physical Therapy department and outpatient clinics in addition to the high-tech X-ray department and laboratories. The hospital supporting departments comprise central kitchen, laundry, morgue, administrative and sterilization.

The state-of-the-art medical facility was designed according to the international standards considering local requirements which make the hospital qualified to be LEED certified. The hospital implements the international systems for medical and non-medical waste disposal.

The hospital has parking areas for the outpatient clinics, staff, visitors, emergency department and service loading and unloading area.

National Eye Hospital, Suez Road, Cairo, Egypt

A leading hospital in the MENA region specialized in eye treatment and surgery. The hospital shall be developed on a plot area of 11611 m² with a built-up area of 9,225 m². The building includes 3-storey basement containing supporting departments and 5 floors comprising 27 outpatients and specialized clinics, 8 major operating rooms, 2 minor operating rooms, 2 LASIK rooms, 10 wards for day patients, conference hall, 2 VIP suites, pharmacy, optical clinic, central sterilization and offices for management and administration staff.

ECG developed the complete package from concept/medical planning up to tender documents/ tender action in addition to construction supervision services.





220 km
of rehabilitated sewerage system in Bukhara

Bukhara and Samarkand Sewerage Project

The Government of Uzbekistan financed by the World Bank embarked on implementing an important wastewater rehabilitation and development project to improve the overall wastewater services in Bukhara and Samarkand. Thus, sewerage systems in both cities date back to the 1960s with tumbledown facilities and frequent breakdowns. The project development objectives are to mitigate the environmental impact of wastewater pollution and to improve the efficiency and sustainability of wastewater management in the two cities of Uzbekistan.

As a member of a consortium led by Corporate Solution Ltd. of the United Kingdom, ECG is providing engineering design services to rehabilitate and develop the wastewater collection and treatment systems in Bukhara and Samarkand.

In Samarkand, the improvement measures focus on rehabilitating 277 km of sewer networks, a total of 6 wastewater pumping stations, and two wastewater treatment plants (main WWTP with capacity of 139,000 m³/day and Farhad WWTP which is completely out of operation), while in Bukhara, the rehabilitation measures tackle a 220 km of sewer system, 16 wastewater pumping stations, and one wastewater treatment plant (100,000 m³/day). The project also involves the extension of sewer networks to high priority areas in both cities.

The wastewater treatment plants in both Bukhara and Samarkand will be equipped with new blowers and modern efficient diffuser systems in the aeration tanks. In addition, new return sludge pumps will be installed at Bukhara WWTP. New screens (at both cities' WWTPs) and grit chambers (at Bukhara Main WWTP) will be installed to better protect all subsequent treatment stages and prevent further damages of existing installations and new aeration system. Finally, the third WWTP in Samarkand will be entirely rehabilitated.

Arqin-Dongola Road

ECG has been contracted by the Egyptian Federation for Construction & Building Contractors (EFCBC) to develop the economical and feasibility study, design and tender for the Arqin - Dongola Road. The road connects Dongola City at the Egyptian-Sudanese Border to Arqin City; the Capital of the North Welaya (Governorate) of Sudan. The 450-Km Road will be the major connection between Egypt and Sudan and one of the major parts of the planned African international road (Alexandria – Cairo – Aswan – Arqin – Dongola – Khartoum – Cape Town). Arqin-Dongola Road is considered a vital economical project in connecting the Common Market for Eastern & Southern Africa (COMESA).



277 km
of rehabilitated sewerage networks in Smarkland

CSR...



Signing the protocol of "University to Work" initiative

In a magnificent ceremony, the protocol of "From University to Work" initiative has been signed with the attendance of number of Rotarians, Ministry of Investment officials, Deans & Deputies of Faculties of Engineering and ECG Engineering Consultants Group represented by ECG Chairman, Mr. Amr Allouba, and Senior Directors.

This initiative aims to bridge the gap between the academic education and the market needs in the field of engineering by providing a group of selected students with technical skills required in the market place and produce world competitive graduates of Egyptian universities.

The whole initiative is held under the umbrella of community participation; where ECG, the Egyptian Corporate Responsibility Center (ECRC), Rotary Clubs in Egypt, and students' bodies in universities agreed to implement the University to Work (UTW) initiative.

Cairo University, Aim Shams University, Banha University and Helwan University are participants in this pilot initiative. Discussion during the event involved sharing new ideas and suggesting potential means of cooperation among various parties.

Promoting Private Sector Engagement in Sustainable Development Process

The Ministry of investment held a Ministerial Roundtable titled "The Role of Governments in Promoting Corporate Social Responsibility (CSR) and Private Sector Engagement in Sustainable Development Process". The event was attended by Senior governmental officials in addition to some representatives of Private Sector & international organizations. This session discussed the concept of "How the Government can provide the necessary support to the Private Sector" to maximize the impact of its contribution to the sustainable development projects through applying CSR principle.

ECG University to Work Initiative was chosen as one of the private sector initiatives that reflect a successful CSR program. The program provides students of faculties of engineering with technical and non-technical training through a 180 hour-program conducted through weekends. On ECG's part, the roundtable was attended by the UTW initiative project manager, Dr. Nevine AbdelKhalek; initiative deputy project



manager, Eng. Kamal Shawki; initiative deputy technical manager, Eng. Shereen Ezzat. There were also some of our partners in service from Rotary Clubs and presidents of Cairo University, Ain Shams University, Banha University and Helwan University.

On the fringes of the roundtable discussions, Dr. Nevine AbdelKhalek held a brief meeting with the Minister of Higher Education where they discussed how ECG would be able to spread the initiative for the next academic year to include more universities.

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