

Leading the way

ECG newsletter



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Cairo International Medical City (CIMC), New Cairo, Egypt

ECG signing a Protocol for Dakahlia Airport



The governorate of Dakahlia decided to execute several projects in collaboration with the Armed Forces' Engineering Authority, targeting the development and welfare of the governorate. As one of the endeavours made to achieve this goal, Governor of Dakahlia, Major-General. Omar El-Shawadfi, signed a Cooperation Protocol with ECG Engineering Consultants Group to provide engineering consultancy services for the establishment of a new international airport in Dakahlia.

The Protocol was signed on October 14th, 2014 at Dakahlia Governorate's headquarters, with the presence of ECG delegation including the firm's CEO, Mr. Mohamed Abdel-Moneim; Division Head of Business Development, Mr. Moheb Marcos; Manager of Technical Review Department, Mr. Mokhles El-Tabaa; and Division Head of Energy & Electromechanical Works, Mr. Ibrahim Eshra.

ECG shall conduct the preliminary study for a new integrated civil airport; which shall influence the decision to establish the airport at the proper site. The study shall consider the technical and aviation aspects of the airport, as well as the environmental, habitation, commercial and other urban planning parameters. The airport will be located in Dakahlia governorate either near Mansoura city at Shawa Airbase, or near Gamassa city.

Major-General. Omar El-Shwadfi confirmed that the new airport will be a turning point for Dakahlia governorate that will serve to lighten the burden of Cairo International Airport and provide an easy transportation option for Egyptian citizens, particularly the residents of the northern and middle of the Delta governorates.



On a land area of 138,258m², Cairo International Medical City (CIMC) is being developed in Madinaty, New Cairo. The CIMC is considered to be the leading private healthcare facility in Egypt, designed to the international standards.

The CIMC provides a full range of medical services, operating as a state-of-the-art medical edifice center for patients from Egypt and MENA region.

The medical city includes the hospital's main building (plot area of 14,720m²), an academic research center, a psychiatric unit, staff accommodation units, a hotel, wellness resort and park, a health club and a medical mall. ECG works cover the design of the hospital's main building.

With a built-up area of 73,600m², the hospital building consists of a two-level basement, a ground floor and four upper floors with the second floor designed on a core and shell basis for future extension. The 360-bed hospital provides the following medical facilities:

- Kidney Dialysis, Neuroscience, Cardiac and Oncology Centers;
- Emergency, Endoscopy and Radiology and Imaging departments;
- Physical Therapy Treatment, Intensive Care (ICU) and Post Anesthesia Care (PAC) units;
- 3 Catheterization and different types of operation rooms;
- 100 Outpatient Clinics;
- Women and children's Center: including 22 examination rooms, 11 Labor and Delivery Rooms (LDRs), 2 Caesarian Rooms, In Vitro Fertilization (IVF), Neonatal Intensive Care (NIC), pre and post-partum units, a general bed ward, and related imaging facilities; and
- Supporting facilities: including departments of blood bank, material management, waste management, environmental control and IT; management office; the morgue; in-house and retail pharmacies; laundry and kitchen services in addition to a basement parking area with a capacity of 351 cars.

ECG's scope encompasses medical planning, schematic design, bases of design report (BODR), design development, detailed design and tender documents.

Hospital capacity
360 beds



Al-Shorouk Community, KSA



ECG provides the engineering consultancy services to many new communities developed in King Abdullah Economic City (KAEC), including Al-Shorouk.

Al-Shorouk is an integrated mixed-class community, located about 10 Km south Rabigh and 120 Km north Jeddah.

The modern city of KAEC creates a variety of new economic opportunities along with futuristic urban communities that provide lavish lifestyle for potential residents.

The affordable residential community of Al-Shorouk covers four areas (H2-5), (H2-6), (H2-7) and (H2-8), accommodating multi-family apartments, schools, mosques, parking areas, commercial area, in addition to public services.

On a total plot area of 151,167m², area H2-8 comprises residential apartments, parking areas, green areas and social facilities.

ECG's scope covers the construction supervision of area H2-8 (Phase I) on a plot area of 75,513m². This phase includes one, two, three and four-bedroom apartments.

Plot Area
75,513 Square meters



KIZAD Cold Storage Warehouse, Abu Dhabi, UAE



The Cold Storage Warehouse is located in Khalifa Industrial Zone Abu Dhabi (KIZAD); one of the world's largest industrial cities/ cargo ports.

According to the classification of Abu Dhabi municipality, KIZAD is a revolutionary transformation of industrial zones developed by Abu Dhabi Ports Company (ADPC). The project design concept is to achieve 1 Pearl Design rating as per the sustainability measures of Abu Dhabi Urban Planning Council (ESTIDAMA).

On a total land area of about 44,047m², KIZAD warehouse provides cold storage management services to different companies specialized in the food, pharmaceutical, flowers and other distribution businesses.

KIZAD Cold Storage Warehouse Facility includes the following components:

Public Refrigerated Warehouse (PRW) (23,323m²): The PRW consists of four separate rooms; three rooms serve goods requiring controlled-temperature freezer, while one room serves goods requiring controlled-temperature cooler.

Administration Building (G+2): facilities administration and facility management services. Ground floor contains the main entrance, private offices, open secretarial spaces, drivers' zone and labourers' zone.

The first and second floors include administration offices, open secretarial space, private offices, conference rooms, a prayer room and a cafeteria.

Guard House: a small room for the security staff to control the access to and from the KIZAD warehouse site.

ECC's scope involves the conceptual design, preliminary design, detailed design and construction supervision.

Public Refrigerated
Warehouse (PRW)
23,323 square meters

Malabo International Airport Extension, Equatorial Guinea



ECG provided full technical support for the construction of the new extension to the highly congested Malabo International Airport.

With a built-up area of 3,400m², the extension comprises two arrival halls consisting of ground and first floors as follows:

- The ground floor includes passport control area (8 counters), reclaim hall (2 belts), 2 customs check counters and related services (toilets, offices and external commercial area);
- The first floor encompasses two VIP lounges with all related services including toilets, kitchen and storages.

Overlooking the ground floor, the first floor is connected to the existing terminal building through a new boarding bridge leading passengers smoothly to the arrival hall.

The design concept of the extension served to achieve the maximum functionality using the terminal building in many ways. Thus, the first floor can be used for both arrival and departure. Also, glazed curtain walls and steel structured roof were neatly mixed to add a modern touch to the façades of the existing terminal building.

ECG's scope includes concept design, preliminary design, detailed design and construction documents.

Total built-up area
3,400 square meters



ECG's Participation in the Second National Vocational Service Seminar, El Gouna



Under the auspices of the Minister of Urban Renewal and Informal Settlements, Dr. Laila Iskander, the "Second National Vocational Service Seminar" was held at the Technical University of Berlin (TUB) Campus in El Gouna from October 30th to November 1st, 2014.

The 3-day event was organized by the Vocational Committee of Rotary District 2451, and was attended by Governor of the Red Sea governorate, Major-General. Ahmed Abdalla; the governor of Rotary District 2451, Dr. Ahmed Saada with some key figures of the Rotary members; Director of the European Organisation for Training and Development (EOTD), Eng. Onsi Georgious, as well as ECG delegation including Vice President of Human Resources & Organizational Development, Dr. Nevine AbdelKhalek, HR team and 20 students from the current round of University To Work (UTW).

Focusing on the fields of construction, nursing and tourism, the conference sessions were conducted towards sustainable vocational training programs and development in favor of informal settlements. The sessions also shed light on different training partnerships; highlighting the concept of vocational training teams and exchange of information between professionals in other countries as an opportunity for encouraging professional development and learning new skills. In one of the technical sessions, Eng. Georgious shared the construction standards that were developed a couple of years ago by ECG and Arab Contractors for 4 site labourers' jobs (Bricklayer, Plasterer, Painter and Tile Fixer).

On the sideline of the conference, Dr. Nevine Abdelkhalek, in her capacity as Chair of the EOTD Board of Trustees, signed a cooperation agreement with Dr. Iskandar for training 1,200 citizens in four informal settlements (Ezbat Khair Alla, Manshiat Naser, Abou Kattata and El-Bahr El-Aazm). This training will be implemented in collaboration with the Ministry of Youth and the Arab Contractors. The event proceedings also included a marathon sponsored by Eng. Sameeh Sawiris on October 31st with the theme of "Run for the Future". The marathon targeted to help the needy in Informal Settlements. One of ECG trainees, Idd Moussa from Tanzania, received the gold Medal from both Dr. Laila Iskandar and Eng. Sawiris.



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