## Preliminary Studies for the Construction of a Civil Airport in Al-Dakahlia

## Client

Governorate of Al-Dakahlia

**Scope of Work** Data collection Site analysis Preliminary studies (planning, economic, and engineering studies) **Location** Al-Dakahlia, Egypt

**Types of Activities** Architectural Civil Electrical Infrastructure Mechanical Roads Urban planning

ECG has undertaken a package of preliminary studies for a project aiming at the construction of a civil airport for passenger and cargo aircrafts near an existing air base in Shawa Village of Al-Dakahlia, Egypt. Studies have covered all elements likely to affect the establishment of a civil airport in the area. In the same context, an urban development study of site surroundings has also been conducted, along with a study of the buildings required for the prospective civil airport (including terminal, cargo, service, and ancillary buildings). Overall, the project has comprised the following studies: When complete, this airport would be an important development in the entire Northern and Central Nile Delta. It would serve thousands of travelers in Al-Dakahlia and neighboring governorates and facilitate domestic flights nationwide, thus contributing to a more rapid economic growth owing to the potential boost in commercial and tourist activities.

1- Terminal Building 2- Military Facility 3- Cargo Building 4- Main Water Tank 5- Fire & Rescue Building 6- Ground Services Building 7- HVAC Systems & Equipment Building 8- Airport Fuel Station 9- Airport Surveillance and Security **Check Building** 10-Substation 11- Main Power Plant 12- Airside Power Plant 13- Firefighting Water Tank 14- Apron / Ramp 15- Taxiway 16- Runway 17- Ports Security



