



EGYPT

TECHNICAL ASSISTANCE TO MED REHABILITATION OF PUMPING STATIONS II PROGRAM



Client Ministry of Water Resources and Irrigation (MWRI), Mechanical and Electrical Department (MED)

Financing Kreditanstalt für Wiederaufbau (KfW)

Duration of Services 09/2004 – 09/2014

Cost of Implementation 95 Mio. Euro

Value of Services 4,191,964 Euro

Partner HAMZA, Egypt

Scope of Services

- Assistance in management of project implementation/ execution by providing direct support as well as by elaborating with the MED professional staff standardised procedures for monitoring of Contractors performance
- Assistance in approval of Contractor's drawings and layout data (depends on the type of contract)
- Assistance in management of changes of contract documents (e.g. management of Change orders)
- Assistance in supervision of quality and time schedules, verification of Contractors' invoices
- Monitoring of project implementation costs and projections
- Financial reporting to MED Centr. Off. and to the financing agency
- Identification of training needs
- Training methods (seminars, workshops, in-service training, and refresher courses) grouped into four training packages:
 - Management of project planning and implementation
 - Enhancement of analytical competence
 - Project design, tendering and procurement
 - Supervision of project execution

Brief Project Description

European Investment Bank (EIB) and Kreditanstalt für Wiederaufbau (KfW) are financing different pumping rehabilitation programs - reaching from simple exchange of electromechanical equipment to construction of new stations with supply of equipment.

Assistance is needed in preparation and execution of the rehabilitation programs by the Executing Agency, which is the Mechanical and Electrical Department (MED) of the Ministry of Water Resources and Irrigation. CES is assisting MED on an intermittent basis in the management of project implementation / execution by providing direct support as well as by elaborating with the MED professional staff standardised procedures for monitoring Contractors' performance, approval of Contractor's drawings and layout data (depends on the type of contract), management of changes of contract documents (e.g. management of Change orders), supervision of quality and time schedules, verification of Contractors' invoices, financial reporting to MED Central Office and to the financing agency as well as any other issue which helps to promote the project implementation / execution.



The assistance of CES during the execution of the individual rehabilitation projects includes site visits during critical stages, attendance of important meetings with the Contractors as deemed necessary by the Project Manager and approved by the MED Project Director, recommendations to MED on technical, administrative and financial issues whenever deemed necessary by the Consultant.

Institutional Strengthening is needed in preparation and execution of the rehabilitation programs by the Executing Agency, which is the Mechanical and Electrical Department (MED) of the Ministry of Water Resources and Irrigation. CES is assisting MED on an intermittent basis in the management of project implementation / execution by providing direct support as well as by elaborating with the MED professional staff standardised procedures for monitoring Contractors' performance, approval of Contractor's drawings and layout data (depends on the type of contract), management of changes of contract documents (e.g. management of Change orders), supervision of quality and time schedules, verification of Contractors' invoices, financial reporting to MED Central Office and to the financing agency as well as any other issue which helps to promote the project implementation / execution.

