

Project Management

International

Korle Lagoon Ecological Restoration Project

Client: Government of Ghana
Location: Accra, Ghana
Period: January 2000 to July 2008

Korle Lagoon Ecological Restoration Project

The purpose of the Korle Lagoon Ecological Restoration Project (KLERP) is to restore the Korle lagoon to its former ecologically and financially valuable state. The project aims to improve Accra's drainage, flooding and sanitation problems by ensuring good flood water conveyance to the sea as well as the implementation of the sewer pump station and offshore outfall pipeline.

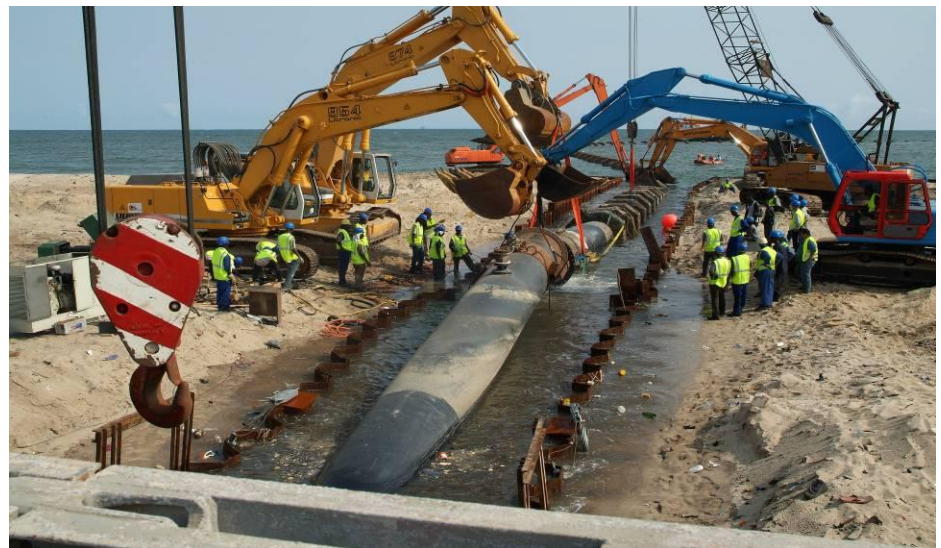
Project Management International (PMI) pre-qualified and submitted an internationally competitive bid for the KLERP project. After award and contract signature the initial design phase commenced. PMI with its local partners, as well as with head office support, were responsible for the design and site supervision. The bulk of the Environmental Impact Assessment EIA and Human Impact Assessment studies were carried out locally by strong partners, with the supervision and coordination carried out by PMI.

The Works

The main elements of the phased works can be summarised as follows:

➤ KLERP STAGE 1

- Dredging of the lagoon
- Creation of storm water canals



- Disposal of material on spoil sites
- Removal of swamps reduce flooding
- Creation of green areas and capping of dump areas

➤ KLERP STAGE 2

- Construction of an interceptor
- Construction of a pump station
- Outfall installation works
- Infrastructure works

➤ KLERP STAGE 3

- Sediment removal and re-dredging of the lagoons
- Sediment removal in the canals & drains
- Fencing & beautification works

➤ KLERP STAGE 4

- Design, supervise and construct bulk services including roads, water, sewer, stormwater, drainage and electrical reticulation
- To execute the required Environmental Impact Assessment.

