

Overseas Projects in 2009



27

[Haiti] Project for the Extension of the Drinking Water Supply System in Croix-des Bouquets in Haiti (2008 ~ 2009)

· Summary

The project scope includes the expansion of existing water supply system funded by Korea International Cooperation Agency. This project aims to provide potable water to the local residents where has been a lack of water problem through the extension waterworks despite of retaining sufficient water in this area.

· Scope

- Feasibility study, supervision
- Improve previous pipes and install a pumping room
- Establish the water tower and improve the water tank
- Establish new pipes line and replace the previous pipes



26

[Haiti] Project for the Extension of the Drinking Water Supply System in Croix-des Bouquets in Haiti (2008 ~ 2009)

· Summary

The contract was signed by K-water and Korea International Cooperation Agency on 3 December, 2007. This project aims to provide 24-hours drinking water system to villagers of 7 town in Bolikhan district, which results in improvement of living condition and basic health of villagers through basic and detailed design, followed by construction works.

· Scope

- Field investigation
- Detailed design
- Construction supervision of intake, water treatment plant, distribution pipeline, and other facilities
- Training and transfer of technologies



25

[Equatorial Guinea] Management Assistance in the city of Mongomo (2006~2009)

· Summary

Technology transfer on Operations & Management for the newly built water supply facilities is covered in this contract. With this opportunity K-water is expected to increase the possibility of participation in water resource projects in the continent.

· Scope

- Technology transfer on Operations & Management for water supply facilities
- Training of local engineers in Operations & Management



24

[Iraq] Bekhal Hydro Power Development Project (2007~2009)

· Summary

K-water won a contract from the Korea International Cooperation Agency on 11 June 2007 to provide consulting services to the Bekhal Hydro Power Development Project in Arbil, Iraq. Under this contract, K-water will provide the Iraqi Government with detailed design and supervision services. The overall contract value is approximately US\$ 1.2M with a period of performance of 2 years. This is a second project in which K-water get involved in Iraq followed by a water and wastewater rehabilitation project in the City of Arbil, ensuring our presence in Iraq will continue.

· Scope

- Field investigation & preliminary design
- Detailed design and construction supervision
- Assignment of Korean experts and training of local engineers



23

[Cambodia] Downtree Multipurpose / mongkol-Borei dam development projects (2009)

· Summary

Stable supply of agricultural breadbasket of up to Battambang, Cambodia Basin, as well as life and industrial water supply, down a tree for multipurpose dams and hydroelectric power dam mongkol Borei development feasibility study.

· Scope

- Business technical, economic, financial, legal, and social feasibility analysis
- Review optimal scale dam development
- Major facilities Preliminary Design
- Project cost estimation and economic analysis
- Project presented the main directions



22

[Bangladesh] Master Plan for Water Supply and Wastewater Management in Chittagong (2007~2008)

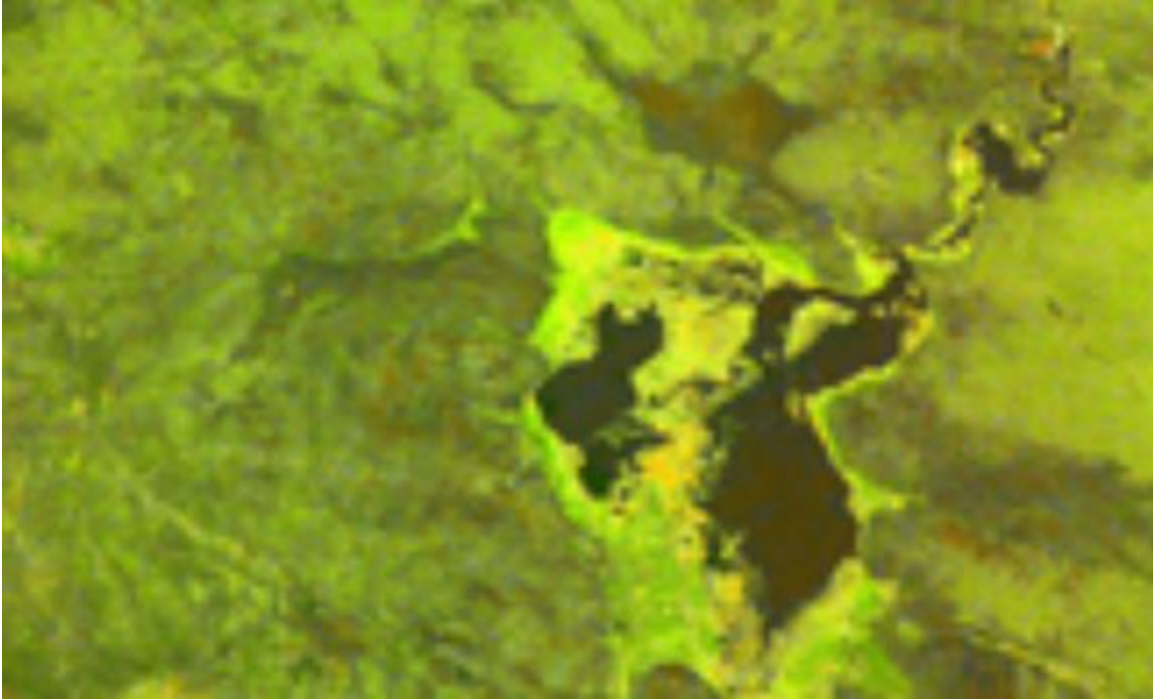
· Summary

K-water make a contract with the Korea International Cooperation Agency on preparation of master plan for water supply and wastewater management of the detailed planned area of Chittagong, Bangladesh on 10 September 2007.

The main purpose of the contract is to develop the master plan for water supply and wastewater management for the detailed planned areas of Chittagong and strengthen the relationship in the field of water supply and wastewater management between Korea and the People's Republic of Bangladesh.

· Scope

- Master plan
- Feasibility study
- Training and transfer of technologies



21

[DR Congo] Dam redevelopment feasibility study (2009 ~ 2009)

· **Summary**

Redevelopment of existing dams for safety improvements and energy production increase of aging dams

· **Scope**

- Feasibility Study and Basic Design
- Redevelopment of existing dams in two places
- Faulty power plant modernization



20

[Philippines] Feasibility Studies and Detailed Design on the Improvement of Malinao Dam (2008~2009)

· Summary

The contract was signed by K-water and Korea International Cooperation Agency on 7 May, 2008. This project aims to contribute to the improvement of Malinao Dam and irrigation facilities, which results in improvement of agricultural productivity, living condition, and development of regional economy through feasibility studies and detailed design.

· Scope

- Feasibility study
- Detailed design
- Training and transfer of technologies



19

[Philippine] A Feasibility Study on Flood Control Measures in MT. Pinatubo Devastated Area and Rehabilitation of School Buildings (2008 ~ 2009)

· Summary

Funded by Korea International Cooperation Agency, the project aims to study alternatives to increase water supply for irrigation purposes by improving of the Malinao Dam. K-water provides feasibility study and detailed design for the project. This project aims to provide reducing flood damage, reforming educational environment and hygiene through controlling flood service for Minalin frequently flooded including 4 areas and around 80 school zones in MT. Pinatubo..

· Scope

- Feasibility study
- Build a new school
- Install deep wells



18

[Kenya] Water Treatment Plant for the Asembo Bay-Ndori Water Supply Project (2007~2009)

· Summary

K-water was awarded a contract from the Korea International Cooperation Agency on 29 August 2007 to improve accessibility and sustainability of safe portable water to the residents of Asembo and Ndori areas in the Bondo District, and reduce waterborne diseases and significantly decrease the thousands of man hours used to fetch water.

· Scope

- Construction supervision of water treatment plant and other facilities
- Training and transfer of technologies