

United Nations Development Group Iraq Trust Fund
Project Summary Sheet
Programme/Project Number: E3 – 12-a
Updated: 20 June 2008

Participating UN Organisation:	Cluster: Cluster E – Infrastructure Rehabilitation
UN Office for Project Services (UNOPS)	
Govt of Iraq Line Ministry Responsible: Ministry of Municipalities and Public Works (MMPW)	

Title	Rehabilitation of Water Distribution Systems in Sidakan and Rawanduz				
Location	Towns of Sidakan and Rawanduz, Soran District, Erbil Governorate				
Project Cost	US\$2,496,475				
Duration	10 months				
Approval Date (SC)	27 February 2007	Starting Date	April 2007	Completion Date	January 2008 – Original Extended up to 31 st December 08
Project Description	Extension and rehabilitation of the existing water distribution network and the construction of reinforced concrete water storage tanks.				

Development Goal and Immediate Objectives

<p>The Development Goal of the project is to contribute towards improvement in the public health of the inhabitants by increasing the availability of safe drinking water.</p> <p>Immediate objectives:</p> <ol style="list-style-type: none"> 1. To significantly augment the quality and quantity of water supplied to 10,000 consumers in Sidakan town and 20,000 consumers in Rawanduz town by constructing replacement reservoirs and rehabilitating and extending the existing transmission and distribution mains utilising improved pipe materials and jointing techniques to reduce maintenance costs for the life of the new pipe system. 2. To provide a comprehensive purpose-developed training course in water supply network design and management to at least 30 technical staff of the Directorate of Water and Sanitation so as to improve quality and efficiency throughout the whole management cycle (planning, execution, monitoring) for service provision.

Outputs, Key activities and Procurement

Outputs	<ul style="list-style-type: none"> • 30,000 consumers will have improved quantity and quality of water available brought about through reduced contamination and a reduction in losses in the pipe distribution system. • Short-term employment creation for over 150 personnel's for construction activity during project implementation. • Thirty (30) government employees are able to pass on their knowledge to others and to plan, implement, monitor and manage water supply projects in the urban areas.
Activities	<ol style="list-style-type: none"> 1. Install about 9 km and 3 km of water supply mains in Sidakan and Rawanduz towns respectively; Construction of one (1) collection tank of capacity 8m³ in Rawanduz and two (2) collection tanks of 12 m³ each in Sidakan towns in addition to one service reservoirs of 750 m³ in Sidakan town to improve the supply and to reduce contamination in stored water.

	<ol style="list-style-type: none"> 2. Hire and deploy an estimated 150 skilled and unskilled labourers from vulnerable groups, for the 9 month project duration; 3. Deliver a purpose-designed training course of six-day duration to 30 technical personnel from the MMPW on current design concepts for new or expanded networks; use of new materials and techniques to develop, rehabilitate, operate and maintain water distribution networks;
Procurement (major items) and on site activities	<ul style="list-style-type: none"> • The project has been awarded to M/s Galaiwa Contracting Company for implementation of the project. Mobilization of material, man power and equipments has started. • The procurement of the High Density Polyethylene pipes (HDPE) is in progress at the Turkish-Iraqi borders in addition to the entire related PE fittings. • Completed pipelines laying in both towns (Rawanduz and Sidikan). • Construction of 750 m³ water tank in Sidakan - Painting external surface is ongoing. • Construction of 48 m³ and 8 m³ storage tank were completed. • Commissioning of the system to be carried out for the originally planned components. • Procurement for the additional works (approval received in May 2008) are under progress.

Situation as of 20/06/2008

Funds Committed	1,355,871	% of approved	54.31
Funds Disbursed	738,488.80	% of approved	29.58
Forecast final date	December 2008	Delay (months)	12 months

Quantitative achievements against objectives and results

Site preparations and contact awarding for civil work	<ul style="list-style-type: none"> • Survey, design and document the civil works with full specifications was finalized. • A contractor to install and rehabilitate the water mains and construct the water tanks for both sites was chosen and awarded to. • Mobilization of Material, man power and equipment was fully completed. 	% of planned	100
Procurement of Pipes and fitting	<ul style="list-style-type: none"> • Procured 70% of High Density Polyethylene pipes (HDPE) and related PE fittings. • All pipes and fitting were strictly cross checked against the ISO 9001 certification from the International Organization for Standardization and were approved 	% of planned	100
Civil work and rehabilitation	<p>Rawanduz Town</p> <ul style="list-style-type: none"> • Laying of pipeline completed. • R.C. water tank (8M3) at source –Completed. • Construction of concrete block channel of 200 X 200 X 400 mm size – Entire stretch of 800 m completed. • Commissioning to be carried out. <p>Sidakan Town</p> <ul style="list-style-type: none"> • Laying of pipeline completed • Concrete ground water tank (750 M3) – Completed. Only painting of the outside surface of the tank is ongoing. • Concrete ground water tank (48M3) – completed. • Commissioning to be carried out. 	% of planned	90
Training	<ul style="list-style-type: none"> • The training will be conducted in October 08 for the 30 technical personnel from the Ministry of Municipalities and Public Works, Directorate of Water and Sanitation will be invited. • Bidding process for selecting appropriate training centres started and will be finalized in September 08 	% of planned	30

Qualitative achievements against objectives and results

<p>Several technical meetings were conducted in Erbil water directorate to set the plans for a smooth implementation process. The Procurement component of the project was completed. The implementations of the originally planned activities were almost completed except commissioning of the system. UNOPS staff are meeting regularly with all stakeholders to ensure smooth coordination, monitoring and evaluation of the implementation of the project</p>
--

activities. The implementation of additional works as approved by SCSO on 18th of May 08 is under progress. UNOPS is finalising the contract to be awarded after obtaining the approvals from procurement department, UNOPS headquarters.