

United Nations Development Group Iraq Trust Fund
Project #:A5-26
Date and Quarter Updated: 1 July- 30 September 2010 (3rd Quarter)

Participating UN Organisation: FAO **Sector:** Agriculture and Food Security
Government of Iraq – Responsible Line Ministry: Ministry of Water Resources (MoWR)

Title	Improvement of Water Supply and Irrigation Provisions through the Rehabilitation of Abu Sabkha Pumping Station				
Geographic Location	Qadissiya governorate, Diwanayah District, Station is in the countryside at: 44.89325E/32.06345N				
Project Cost	US\$ 4,004,979				
Duration	27 months				
Approval Date (SC)	7/10/2008	Starting Date	30 /1/ 2009	Completion Date	30/4/ 2011
Project Description	<p>The irrigation pumping station Abu Sabkha belong to MoWR and is considered the main pumping station in the governorate providing irrigation water for 36,550 donums of agricultural land which supports approximately 8000 farming families. Currently the efficiency of the pumping station is non existent as due to the breakdown of all pumps located in the pumping station as a result of excessive wear between the drive shafts and bearing bushes.</p> <p>The rehabilitation of the pumping station by providing four spiral pumps with all their mechanical and electrical accessories will restore the pumping capacity to the original level of 5.88 m3/sec. This would restore the irrigation area to full capacity bringing previously abandoned 36,550 donums of land back into production providing food security and long term employment and job opportunities in the rural command area.</p>				

Development Goal and Immediate Objectives

Development Goal:

The project intends to improve the pumping infrastructure through replacement of the old pumps in Abu Sabkha by new ones. The development goal of the project is to enhance agricultural production and food security through provision of irrigation water for farming and livestock. This shall create a conducive environment for farmers to remain in their localities and may encourage some of those who migrated to urban centres to return to their original settlements for farming

Immediate Objectives:

1. Increase agricultural productivity;
2. Improve farmers' livelihoods;
3. Create an institutional understanding and capacity and provide the means for a sustainable operation and maintenance of the rehabilitated infrastructure, involving both the beneficiaries and the government institutions.

Outputs, Key activities and Procurement

Outputs	<ol style="list-style-type: none"> 1. Damaged pump station infrastructure rehabilitated/replaced 2. 36,550 donums of land brought back into production with assistance to 8,000 families 3. Technical capacity of MoWR staff enhanced including technology transfer 4. Water Users' Associations (WUA) establishment feasibility study completed
Activities	1.1 A detailed assessment of Abu Sabkha pumping station completed and technical requirements determined.

	<p>1.2 Tender approved and completion of contract awards for manufacturing and supply of mechanical and electrical equipment</p> <p>1.3 Factory inspection of equipment completed</p> <p>1.4 Delivery completed and installation of equipment in place, and training completed to restore Abu Sabkha pumping station to operate within efficiency norms which relates to capacity requirements for 4 spiral pumps each with a capacity of 1.47 m³/sec</p> <p>2.1 Supply of water re-established to the irrigation command area</p> <p>3.1 MoWR staff trained on pumping station operations by supplier and contractor</p> <p>3.2 MoWR staff capacity building on procurement and technical specifications</p> <p>4.1 Tasks and TOR for WUA</p> <p>4.2 Budget Feasibility study completed</p> <p>4.3 Security Feasibility study completed</p> <p>4.4 Feasibility results shared with stakeholders</p>
Procurement (major items)	<p>1. 1000 KVA generator (100% complete)</p> <p>2. Water Pump: (100% complete) awaiting delivery</p> <p>a) Pump rotor, complete with bearings and coupling</p> <p>b) Electrical Equipment</p> <p>c) Set of spares for incoming power automatic circuit breaker (as recommended by the manufacturer)</p> <p>d) Motor starter of each type and size used</p> <p>e) Gauge of each type used</p>

Situation as of 30/06/10

Funds Committed	US\$ 2,161,949	% of approved	53.98%
Funds Disbursed	US\$ 471,758		11.78%
Forecast final date	31-3-2011	Delay (months)	9

Direct Beneficiaries	Number of Beneficiaries	% of planned (current status)
Men	12,000	15%
Women	12,000	0%
Children	8,000	0%
IDPs	5,000	0%
Others		
Indirect beneficiaries	40,000	5%
Employment generation (men/women)	16,000	25%

Quantitative achievements against objectives and results			
A detailed assessment of Abu Sabkha pumping station completed and technical requirements determined	A detailed assessment of Abu Sabkha pumping station completed and technical requirements determined	% of planned	100 %
	Tender approved and completion of contract awards for manufacturing and supply of mechanical and electrical equipment	% of planned	100 %
	Factory inspection of equipment completed	% of planned	0%
	HQ is reviewing the draft proposal for tendering the work for awarding of contract for supply of	% of planned	100 %

	mechanical and electrical equipment, plus delivery and training		
Rehabilitation of the pumping station	Manufacture, Delivery, and Installation of equipment to restore Abu Sabkha pumping station to operate within efficiency norms which relates to capacity requirements for 4 spiral pumps each with a capacity of 1.47 m3/sec	% of planned	50%
Technical capacity of MoWR staff enhanced including technology transfer	MoWR staff capacity building on procurement and technical specifications	% of planned	100%
Water Users' Associations (WUA) establishment feasibility study completed	Tasks and TOR for WUA	% of planned	10%
	Budget Feasibility study completed	% of planned	7%
	Security Feasibility study completed	% of planned	5%
	Feasibility results shared with stakeholders	% of planned	0%

Qualitative achievements against objectives and results	
<p>Procurement of all equipments already done and awaiting delivery. MoWR staff capacity building already in progress regarding procurement and technical specifications analysis and remaining training regarding operations of the pumping station will be completed after installation of new pumping station parts. Damaged pump rehabilitation and replacement of parts will commence once all the parts are fully procured and installed. Water Users' Associations (WUA) establishment feasibility study is in progress.</p> <p>Technical specifications for the pumping station have been agreed on and tenders are final. Manufacturing is in progress based on the specifications and tenders and will finish in January 2011 using the extension time. The pumping station parts under construction is taking longer than expected because these parts are not pre-constructed items, and therefore construction is customized to specifications and takes time, but this construction allows for sustainability. After manufacturing, delivery of the equipment is going to finish and the rehabilitation of pumping station and capacity building can commence.</p> <p>After rehabilitation is complete, water can be transported for on farm irrigation for higher productivity and food safety for farmers, which impacts positively in farmers' livelihood and creates sustainable agricultural lands.</p>	

Main implementation constrains & challenges (2-3 sentences)
<p>There is a delay of about 9 months in the implementation because there was a delay in implementation phase to start because of delay of fund allocation, resulting in delay in procurement and tendering finalizations. This delay does not impact the outcomes and outputs of the project and all activities will be completed using the extension time before March 31, 2011.</p>