

Supply and Rehabilitation of Roller Sluice Gates for Water Control Regulators



DEMAs did win an international tender by the Ministry of Irrigation and Water Resources in the Sudan for the supply and rehabilitation of Roller Sluice Gates (RSGs) for water control regulators in the Gezira Irrigation Scheme.

The project includes design and supply of 26 existing RSGs. Furthermore, missing parts need to be supplied for another 23 RSGs, which were supplied some time ago and stored at the client's yard in Wad Medani.

The 49 regulators are spread over the whole of the Gezira Irrigation Rehabilitation Project (GIRP) need to be demolished and replaced by the 26 new RSGs and 23 completed RSGs.

Design drawings were prepared following a field survey in the Sudan and the construction of the irrigation gates started in The Netherlands after approval of the design by the Project Implementation Unit (PIU).

A number of RSGs were tested and found fit for purpose during a visit of a delegation of the PIU of the GIRP to the yard in The Netherlands.

To meet the short implementation period the gates are shipped in three lots and installed by a local team of DEMAS and its partner in the Sudan RESET Company Ltd.

Supply and installation of an additional 30 new RSGs were ordered in 2006 with a delivery in 2006 and installation in 2007.

Client

Ministry of Irrigation and Water resources

Location

The Sudan / The Netherlands

Year

2005 - 2007

Services

- design
- build
- installation

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