

Jordan

Telvent awarded SCADA project for Water Supply System for Gran Amman (Jordan)

Madrid, February 16, 2004 – Telvent, the Global RealTime IT Company and subsidiary of Abengoa, has been awarded the contract for installing a management system for the Drinking Water Supply for the Gran Amman area (Jordan) for The Water Authority of Jordan, under the jurisdiction of the Jordan Ministry of Water and Irrigation. The signing of the contract, valued at over 4 million Euros, was completed on February 14th in the presence of the Jordan Minister of Water and Irrigation, and the Spanish ambassador in Jordan.

The project covers the design and installation of a turnkey supervisory, control and data acquisition (SCADA) system for the Gran Amman district, which covers an area of approximately 700 Km² and supplies a population of almost two million inhabitants. The 85 installations to be controlled include well water intakes, pumping stations, and reservoirs. The project scope also covers the implementation of a Control Centre facility at the Dabouq dam, located in Amman.

The scope of the project comprises engineering, development, start-up, training and technology exchange services, maintenance and a one year warranty coverage period for a fully integrated system which includes:

- Control Centre equipped with a SCADA system for the control and monitoring of the entire Gran Amman water supply system
- Redundant fault-proof central equipment
- Integrated UHF communication system
- Intelligent electronic devices installed in the local systems, assisting in managing the collection, storage and distribution of drinking water
- Local operating consoles

Made possible by Telvent's extensive expertise and experience with comparable installations, the existing Gran Amman operational infrastructure will be totally integrated into Telvent's OASyS DNA monitoring, control and management system, developed under its industry-leading R&D program. The OASyS DNA solution that will be implemented is an evolutionary development of the system technology which already manages water and wastewater systems in cities such as Columbus (U.S.), Lima (Peru), Seville (Spain) and Ankara (Turkey).

This project is part of the technology innovation program that is currently being strengthened in Jordan. In addition to providing the control and monitoring system, the project also includes a technology transfer to the personnel employed by the Water Authority of Jordan as well as local affiliated companies.

The award of this contract reinforces Telvent's technology leadership role in the Middle East where it has implemented several pipeline management projects in Istanbul, Turkey, a project for the management of water distribution in Ankara, and a gas pipeline control system for GASCO in El Cairo (Egypt).

Telvent is also a recognized leader in water and wastewater management system installations in other areas of the world, including North America, Latin America and Europe.

About Telvent

Telvent, the Global RealTime IT Company and subsidiary of Abengoa, specializes in IT solutions with high technological added value for specific industrial sectors such as Energy, Traffic, Transportation and the Environment. Telvent is a leading supplier to these industries in Spain, North America, Latin America and Asia.

With over 40 years experience in industrial supervisory control and business process management systems, Telvent executes projects and provides technical services in the field of mission-critical, real-time control and information management. With the most comprehensive portfolio of outsourcing and consulting services, and employing a technology-neutral philosophy, Telvent manages IT and telecommunications infrastructure for an extensive international client base. (www.telvent.com)

About Abengoa

Abengoa, an industrial and technology company with worldwide operations, provides solutions for Sustainable Development, the Information and Knowledge Society and the Creation of Infrastructures. The company is capitalized at over 500 million Euros (31/12/2003) and is listed on the Madrid Stock Exchange. Abengoa operates in four primary areas: Bioenergy, where it is the second largest worldwide producer of bioethanol; Environmental Services, where it is a European leader in various industrial waste market segments; Information Technology, where it has achieved global recognition and has operations in Europe, North America and Asia; and Industrial Engineering and Construction, where it is a leader in Spain and Latin America. (www.abengoa.com)

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