

Peru

Telvent awarded automation and control contract for natural gas distribution network in Peru

Madrid, August 4, 2003 – Telvent, Abengoa's Information Technology subsidiary announced today that it has been awarded a contract with Tractebel for the design, supply, installation and commissioning of the communications, supervision, control and operating systems of the gas distribution network and associated installations in Lima and Callao, Peru.

The natural gas, which originates in the large Peruvian deposits in Camisea, will be transported to Lima along a 716-kilometer pipeline, and then distributed to Lima and Callao, using the distribution network owned and operated by the Belgian company Tractebel.

Telvent was previously awarded, through Transportadora de Gas del Peru (TGO), the contract for the control and communications systems of the Camisea gas and liquid gas transportation pipeline.

According to Manuel Sanchez Ortega, Telvent's CEO, "The awarding of this important gas distribution project, together with the acquisition last January of Metso's Network Management Solutions, clearly confirms Telvent's position as a worldwide leader in providing control and management systems for the oil and gas industry. Telvent systems now manage more than 75 percent of the hydrocarbon transportation network in North America, and more than 70 percent of all hydrocarbon movement in Latin America."

OASyS SCADA system technology will be used on the Tractebel project to provide an integrated solution which will interconnect local control systems and enable automation of city gates, block valves, metering stations, and pressure regulation centers. All operations will be managed from the Main Control Center, where operators will be provided with all required information in real-time, allowing maximum efficiency and safety in supervising and managing the entire pipeline network. In the unlikely event of a system disruption, an Emergency Control Center will automatically come on-line, providing an additional level of security and efficiency. Fiber optic cable, installed parallel to the pipeline network, will serve as the primary mode of communications, and will be supplemented by a conventional telephone network as a backup system.

The installed OASyS system will include a fully integrated Metering Management, Gas Quality, and Inventory and Accounting applications suite, which will provide managers with highly available and reliable information on the gas stored and supplied to each client. The installed system will also include a Customer Relationship Management (CRM) System, utilizing OASyS @WEB technology, which will permit each client to trace historical curves on the quantity and quality of gas supplied, amounts invoiced, and other associated statistics, as well as providing real-time information on the current state of metering stations and the network.

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About Telvent

Telvent, Abengoa's Information Technology subsidiary, specializes in IT solutions with high technological added value for specific industrial sectors such as Energy, Environment, Traffic, Transport, Telecom and Public Administration. 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, realtime 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 (31/12/2002) 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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