

Project Synopsis

Title : SCADA & Control System for Cluster & Booster Pumping Station (CPS) 3,5, 6 & 7 and BS6 in Southern Iraq

Client : KBR / Southern Oil Company - Iraq

Brief Project Description

Kana Designed, Engineered, Supplied, & Commissioned, PLC based Controls for the 4nos. Cluster Pumping Station & One Booster Station for Water Injection Plant in North & South Rumaiyla - Iraq, complete with SCADA System for each pumping station.

Monitored & Controlled Locations	Pumping Stations - 4 Nos Booster Pumping Station - 1 No.
Equipment at Each Plant	<ol style="list-style-type: none"> 1. Main Pump Control Panels - 3nos 5. Cooling Water Pump Control Panel – 1no. 2. Instrument Panels with Pressure Switch & Gauge - 4 Nos. 3. Flow Measurement Panels with Vibration Monitoring System from Bentley Nevada - 1no.
Equipment at Each Control Room	<ol style="list-style-type: none"> 1. Redundant Hot standby PLC Controls. 2. SCADA Workstation with printer 3. UPS System for Control System
Communication Medium	Modbus Plus Communication Network
Total No. of I/O's	Approx. 500 I/O's for each Pumping Station

Major Equipment

- PLC - MODICON from Schneider Electric - France
- I/O boards, Interface Cables, DC Power Supplies & Accessories - Phoenix Contact - Germany
- Pressure Switches - Georhin - France
- Pressure Gauges - Tecsis - Germany
- Flow Transmitter - Siemens Flow Div. - Denmark
- Vibration Monitoring System - Bentley Nevada - USA
- SCADA System - PCVUE 32 from ARC Informatique - France
- UPS from Jovyatlas GmbH - Germany

The Project was Factory Tested & Delivered to Site in April 2004.



KANA CONTROLS

AUTOMATION SOLUTIONS

