

Project Synopsis

Title : Up Gradation of SCADA Telemetry System for Pumping & Lifting Stations

Client : Ministry of Public Works - Kuwait

Brief Description of Project

Kana Designed, Supplied, Installed & Commissioned New Telemetry SCADA System for Monitoring, Operation parameters of 24 Remote Secondary Pumping & Lifting Stations and Upgraded the 16 existing Remote Secondary Pumping & Lifting Stations and incorporated them in New Telemetry SCADA System at Ardiya Central Control Room for Lifting Stations and retransmission of signals through Internet using WebVue Server Software.

Monitored & Controlled Locations	New Remote Secondary Pumping & Lifting Stations - 24 Nos. Existing Remote Secondary Pumping & Lifting Stations - 14 Nos. Ardiya Central Control Room - 1 No. P5 Station - 1 No.
Equipment at New Remote Secondary Pumping & Lifting Stations	1. PLC Based RTU 2. Radio with Antenna 3. Power Supply with Battery Backup
Equipment at New Remote Secondary Pumping & Lifting Stations	1. PLC Based RTU 2. Radio with Antenna 3. Power Supply with Battery Backup
Equipment at Ardiya Central Control Room	1. Redundant SCADA Server 2. SCADA Operator Station with Dialup Modem & WebVue Server 3. Upgraded Communication Front End. 4. UPS for Power Backup
Equipment at P 5 Station	1. PLC based RTU / Communication Front End. 2. SCADA Server
Communication Medium	Conventional Radio Communication.
Total No. of I/O's	Approx. 2000 I/O's

Major Equipment

- RTU - Kingfisher SeriesII from ATSI - USA
- Radio - Kyodo IMARK - Japan
- Communication Front End - Kingfisher SeriesII from ATSI - USA
- SCADA Software - PCVUE32 from ARC Informatique - France
- Web Browser Access - WebVue from ARC Informatique - France

The Project Was Commissioned & Handed Over in January 2002.



KANA CONTROLS

AUTOMATION SOLUTIONS

