

Project Synopsis

Title : Supply Installation & Commissioning of Telemetry & SCADA works for SE/135 Project.

Client : Ministry of Public Works - Kuwait

Brief Description of Project

Kana Designed, Supplied & Installed Process control panels to interface Remote terminal units, with Pump Switchgear at 9 pumping stations, and commissioned the complete SCADA telemetry system for Supervisory Control & Monitoring of Effluent utilization and satellite irrigation network for VIP rout with 22 Field Control units (FCU), communicating to the Central via conventional radio network.

Monitored & Controlled Locations

Pump House & Reservoirs Control Centers - 9Nos
 Field Control units along the VIP Route Irrigation Network - 22 nos.
 Central Control Center - 1 No.

Equipment at Field Control Units

1. FCU Panel complete with radio.
2. Field Instruments.

Equipment at Pump Houses & Reservoir Control Centers

1. Process Control Panels.
2. RTUs
3. Radio System to communicate with FCU Group.
4. Radio System to communicate with Control Center.

Equipment at Control Center

1. Master Radio
2. Communication Front End.
3. SCADA Server
4. SCADA Operator Stations
5. Engineering Station
6. Weather Station.

Communication Medium

Conventional Radio Communication

Total No. of I/O's

Approx. 700 I/O's

Major Equipment.

- RTUs - Bristol Babcock
- Process Control Panel - Kana Controls
- Radio - SpaceCom - UK
- Field Control Units - Colter - UK.
- Weather Station - Kana / Pacific Data Systems .
- SCADA Software - Open Enterprise.

Project was Commissioned & Handed Over In Dec. 1997



KANA CONTROLS

AUTOMATION SOLUTIONS

