

PROJECT PROFILE

<i>Name:</i>	IICATS INSTALLATION CONTRACT NO. 6
<i>Owner:</i>	Sydney Water Corporation
<i>Client:</i>	Sydney Water Corporation
<i>Project Description:</i>	Electrical & Instrumentation Upgrade of 45 Sydney Water Sewage Pumping Stations
<i>Site Location:</i>	Sydney, NSW
<i>Year Completed:</i>	2006



This project involved the design , supply ,installation and commissioning of telemetry , control and electrical equipment on 45 sewage pumping stations.

The sewage pumping stations had to remain in operation during all stages of the project.

The sewage pumping stations consisted of four types:

1. Conventional
2. Submersible
3. Series Submersible
4. Vacuum



The scope of work carried out by O'Donnell Griffin at each site included:-

- New Power supplies
- New indoor & outdoor MCC's
- New Instrumentation
- Renew all Power , control & instrumentation cabling
- New telephone lines (for connection of telemetry to SWC IICATS network)
- Upgrading lighting to meet current safety standards
- Civil works i.e concrete Plinth construction , UG conduit installation
- Installation of RPZ on incoming water mains



Other works carried out on the project include the Telemetry upgrade of an additional 19 operational sewage pumping stations.

<i>Key Project Personnel:</i>	Project Manager – Frank Kelleher Construction Supervisors – Bill Moore , John McInerney & Steve Brien Project Engineers – Paul Warner & John Chalmers
<i>Special Project Achievements</i>	All cutover works were carried out without incident or environmental overflows
<i>Quality Standards Applicable</i>	SWC IICATS / SCADA Standards
<i>Specific OH & S Requirements</i>	25 sites were classified as confined spaces