Example Enablement Projects

Papua New Guinea - ExxonMobil

For many years, Gravelroad has supported ExxonMobil in the delivery of telecommunications infrastructure across multiple projects undertaking design, procurement and project management of optic fibre and radio networks. This is primarily evident in the 800km PNG LNG gas project from Hides in the Highlands to Port Moresby .

Northshore Network Audit

This Priority Development Area has a mix of newly constructed buildings, vacant land and industrial sites. The existing telecommunication infrastructure had been deployed over many years, had not been subject to an integrated plan and provided little opportunity to encourage competition.

To provide an accurate current state representation of the existing telecommunication infrastructure Gravelroad completed a field audit to capture the details of the existing cable, conduit, pit and any other infrastructure within the Priority Development Area. This information was collated and then provided as plans to the client.

Harmony TSF Site Siren System

The client had an active project for the design and supply of a Siren Warning System using radio communication links.

Gravelroad was engaged to provide a report on the proposed system which included findings with respect to the engineering analysis, design, technical requirements, recommendations, actions and risks. Key issues reviewed included site selection, radio frequency solution, antenna system design, interference studies, grounding and protection, OH&S issues and NICTA License Applications.

Wide Bay Burnett ROC Audit

The purpose of this project was to identify current telecommunication gaps, overlay them with other relevant telecommunications infrastructure that may assist, and then provide advice on what actions can be taken to alleviate the potential problems in the lack of modern telecommunications services.

Gravelroad undertook desktop and field-based testing of mobile coverage to provide evidence-based information to assist with advocacy for WBBROC and all WBB Councils. The report included recommendations on the best methods for partnering with telecommunications carriers to see priorities delivered and priority locations to consider for future advocacy.

Barcaldine Shire ACMA License Review

The client required a review and analysis of ACMA licenses to determine whether any changes are required to comply with the new 400MHz Band Plan arrangements and Licensing Instructions (RALIs).

Using our experienced resources, Gravelroad completed the analysis and a report was provided with findings including license analysis, recommendations, actions and risks.

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