

ENERMECH – Project Controls Improvement

Project

- Road Tunnel Electrification Project

Value

- ~\$100M

Solution Required

- Project Controls Environment Enhancement

Services Provided

- Project Controls System Review and Enhancement,
- Project Controls System Selection and Implementation,
- Program / Project Processes and Procedure Review and Development
- Tender Management



Audacian Pty Ltd were directly engaged by EnerMech to assist with the review and enhancement of their Project Controls Environment including the preparation and implementation of a set of Standard Project Controls Procedures and the tendering / awarding and implementation of a suitable Project Controls Management solution.

Approach

Audacian developed a Project Controls Standard, based on Best Practice, that was tailored to the Clients organisational requirements to outline how Projects should be managed from a Project Controls perspective.

A system Implementation Map was developed that showed the current systems, where their respective touch points were and whether this was a Manual or Automated Process. Development of a System Integration Map of the desired state showing how the systems should be interfacing, and given that a Pilot Project was to be utilised initially and that an ERP upgrade had not yet been commenced there was a need to develop an interim Project Controls System interface diagram.

The Tendering and Award of the Project Controls System used the new Project Controls Standard to define the system requirements, with the Tenderers asked to demonstrate how their system would meet the requirements and whether it was out of the Box or required customisation.

The company requirement was for an initial establishment on a Test Project that was in the process of commencing in the field, with further review prior to company wide deployment.

The Pilot Project was successfully rolled out with Daily Timekeeping, Quantity Tracking, and Forecasting in place within a Six Month period from award of Tender.