

Transformation Case Study: Main Contractor / Prime Contractor

PROJECT AT A GLANCE

COMPANY

**Public Listed
Main Contractor
(Multiple Industries)**

Services Provided

- Review of Project Cost Controls Practices
- Transformation to adopt latest cloud and mobile technologies
- Alerts with Realtime Reporting / Dashboards

Products Used

- Oracle Primavera Unifier Cloud – Project Controls
- Oracle BI Publisher



Overview

Client is a leading public listed multi-disciplinary engineering and construction company providing comprehensive services including feasibility study, project management, construction and commissioning. It has capabilities in major infrastructure works such as ports, highways, oil & gas, water & sewerage and the development of upscale industrial projects.



Challenges/ Key Pain Points

The lack of a centralised platform to manage all their multiple projects and achieve overall visibility on schedule and cost meant they were unable to track their BOQ, wastage, monitor site progress, sub-package BQ for estimation and contracting and have a unified project delivery and reporting on their projects. The client also did not have a centralised repository to manage and analyse all their project data.

Client realises that its current growth trajectory in will lead to many more larger value projects and wanted to have a more systematic approach to the management of its projects. Some of the challenges faced include streamlining project delivery approach using a single platform for Site Monitoring, Cost and Contract Management, achieving unified operational practices across projects and deliver consistent reporting and analytics. Client also wanted a streamlined approach from Pre-Contract (Estimation and Bidding) operations to Owner Contract and Sub-Contract Management.

Other major challenges that the Client wanted to address was to have Customised Contract Management including Interim Payment Cert (IPC) / Cert of Payment (COP) and Project Delivery Processes (Site Reports, RFI, NCR, Action Items)



Solution

Given the complexity, coordination and precision required on a project of this scale, client engaged a tailored cloud solution, based on Oracle Primavera's Unifier solution integrated to Oracle BI Publisher.

The combination of solution allowed for development of a unified approach to Integrated Project Schedule and Cost Controls. This included,

- Streamlining Pre-Contract (Estimation & Bidding) processes to sub-package BQ
- Establishing common project Cost Breakdown Structure
- Incorporating Sub-Contract Contract Management Processes (LOA, IPC/COP, VO and Final Accounts)
- Generating Reports on the Site progress
- Developing Workflows for Process Automation to increase Operational Governance and Efficiency



Result

The Client achieved significant digital transformation of its project management practices. Some of the major achievements include, Standardized Project Control Practices, streamlined project delivery approach using a single platform for Schedule, Cost and Contract Management, Digitalized Project Repository with ISO alignment, localised Contract Management Practices and Real-time Project Cost Sheets with Scheduled Reporting Distribution.

With this major transformation in its project management practices, the Client is now poised to take on many more large and complex projects.