

Transformation Case Study: Main Contractor / Prime Contractor

PROJECT AT A GLANCE

COMPANY

Public Listed

**Main Contractor (Property
Construction)**

Services Provided

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

Products Used

- Oracle Primavera P6 EPPM Cloud
- Oracle Primavera Unifier Cloud – Project Controls
- Oracle BI Publisher



Overview

The Client is a public listed comprehensive and fully-integrated construction and development company providing a full range of design and construction and development services including design and build, project management, civil engineering, value engineering, geotechnical specialization and manufacturing in Industrialised Building System (IBS) precast concrete products.

The client has successfully completed more than 15,000 units of properties.



Challenges

At the start of the project, the Client was managing multiple projects with the use of excel spread sheets and other independent financial and ERP systems. This meant the lack of visibility and the inability to track their various project from various perspectives including the inability to properly track Material Quantities and Wastage, difficulty to Sub-Package BQ for Estimation & Contracting. The client also lacked an Integrated Schedule & Cost Controls for Material Planning and Consumption which led to inconsistent Project Delivery and Reporting Practices.

The Client wanted to have a more accurate method to monitor and track their projects, reduce wastage and have a more efficient solution to manage their payments and cost. They wanted to have a single point of truth for all their projects.



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 Primavera P6 EPPM and Oracle BI Publisher.

The combination of solutions 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 Owner and Sub-Contract Contract Management Processes (LOA, IPC/COP, VO and Final Accounts).
- Generating Early Warning Alerts on Material Over-Consumption.
- 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, localized Contract Management Practices and Real-time Project Cost Sheets with Scheduled Reporting Distribution.

With this transformation in its project management practices, the Client is now poised to take on more projects across the region.