

Case Study:

Engineering Product Industry



Initial Challenges



Process Management

- Procurement:** Manual paper-based system led to delays, lack of status visibility, and inefficient supplier follow-ups
- Inventory:** Excel-based tracking at central warehouse (Nadal) caused procurement inefficiencies and poor resource utilization
- Project Management:** Manual tracking resulted in delayed monthly reports and operational inefficiency



Financial Challenges

- Project Costing Complexity:** Difficulty in calculating and distributing overhead costs
- Specialized Costing Requirements:**
Major Heads: Soil investigation, survey, shaft construction, micro tunneling, manhole construction
Shaft/Drive wise costing for project cost management
Activity wise costing for mobilization, boring, excavation, tunneling
Equipment expenses tracking for maintenance of cranes, generators, dumpers
- Financial Operations:** Delayed invoice booking, risk of duplicate bills, difficult fund requirement forecasting

The Infoworld Advantage

With 30+ years of ERP implementation experience and SAP Business One expertise since 2009, Infoworld successfully:

- Implemented comprehensive ERP solution
- Managed organizational change
- Resolved critical business challenges
- Enabled real-time business monitoring and control

Implementation Benefits

Operational Improvements

- Unified Business System**
 - Single source of truth across functions
 - Reduced data reconciliation time
 - Eliminated work duplication
- Enhanced Supply Chain**
 - Optimized material availability
 - Online approval system
 - Streamlined vendor management
 - Reduced purchase costs and rush-orders
- Inventory Management**
 - Online material requests and approvals
 - Automated site inventory tracking
 - Real-time consumption monitoring
 - Improved resource allocation
- Project Management**
 - Structured project definition with sub-projects, stages, activities
 - Automated Gantt chart generation
 - Integrated timeline and cost tracking
 - Real-time progress monitoring

Financial Control



Project Costing

Automated cost tracking from PO creation
Budget vs. Actual cost comparison
Detailed cost bifurcation by:

- Major heads
- Activities
- Shaft/Drive
- Equipment



Real-Time Analytics

- Integrated financial monitoring
- Live P&L, Balance Sheet, Cashflow statements
- Custom reports and dashboards
- Equipment maintenance cost tracking