An Enterprise Solution for the Construction Industry
Executive Summary

This paper addresses the construction industry, spanning the public and private sectors; those involved in massive construction business. Bringing together data, people, and process is an enormous task. This requires a solution that can communicate and collaborate seamlessly across the enterprise, driving excellent productivity and quality. CIMS ERP stands to serve the purpose. CIMS ERP is a comprehensive solution for the construction industry with totally integrated modules and extensively customizable solution for multi-users and locations.

Challenge

Owing to the length and breadth of projects, construction companies are looking out for a solution that can efficiently and easily manage their project collaboration, planning, budgeting, resource handling, executing their tenders and effectively analyze their bids.

Nevertheless, the biggest challenge is to manage costs across their massive projects, all the while striving to deliver high value in every aspect of their execution. Positively, leveraging, protecting, and enhancing their reputation, virtue, experience, market presence and expertise.

Normally, bids signal the start of a project. To efficiently expedite their tasks, construction companies highly depend upon an ERP, which can seamlessly integrate with their systems to analyze and effectively organize and manage their projects.

Business Benefits

Effective Collaboration

Similar to two sides of the coin, there are two sides to construction business as well. First and foremost is the field, where the actual construction happens. Behind the scene is the office representing the second half of the business. The field comprises of Project Managers, Engineers, Sub Contractors, Contract Labors, Daily Wage Workers and so on. Whereas, the back office comprises the Board of Directors, Executive Officers, Financial Controllers, Accounting Managers, HR and Admin. Integrating the mission critical data from the back office to the field is the crux of the business.
CIMS ERP is featured with extensive process-oriented modules to effectively organize, collaborate and integrate the two sides. Gives the organization an enterprise-wide visibility on all projects (Depending on the job level and nature) and enables an efficient controlling and monitoring mechanism on the performance of projects, which in-turn helps managers to take timely decisions.

Customer Centric

URC focuses mainly on customer satisfaction, which gains high priority amongst the various business units. CIMS ERP sets to address this critical factor by featuring a highly customizable model addressing 100% of your business needs. This very feature helps in reducing the customization cost and swift implementation reducing the Pay Back Period.

Performance

Traditionally, organizing and executing the defined tasks calls for a herculean effort. CIMS encompasses a set of enhanced business activities simplifying this effort our solution encompassing a set of enhanced business activities simplifies this effort functioning within an integrated process displaying an easy work flow configuration culminating in task efficiency across departments.

Integration

The success of an implementation relies on its integration with the existing systems, which would be a major concern for business. CIMS ERP modules are highly flexible and demonstrate a seamless integration with legacy systems like MS Project and Primavera. Flaunting high compatibility with Microsoft and Adobe tools all the while brandishing a smooth mobile compatibility.

Reliability

Good decision-making ability is accompanied by reliability, which in-turn comes with accuracy of data and information. Preserving and updating data is another critical factor that determines the success of an implementation. CIMS ERP supports off line data update with intuitive and dynamic dashboards enabling better decision-making and helps to take the calculated risk in the business.

Analysis

A good analysis of the end-result contributes to the performance and profitability of a business. Effective analysis tends to expose process gaps and urges for the overall betterment. Highly customizable reports from CIMS ERP with detailed and intrinsic data, helps an organization to continuously improve the business performance.
High Level Solution

Business Development

With the CIMS ERP Business Development in place, organization can deal with all its business processes effectively and efficiently. The solution assists you with all business enquiries, pre-qualification process cycle, tender receipts, site investigations, rate enquiries, tender workings, submission, and negotiations at ease. It also facilitates historical tender analysis to sharpen pricing and margin calculation for enabling strategic negotiation.

Planning & Monitoring

This is yet another critical area to be addressed for the smooth execution of the defined tasks. It is very vital to plan and organize each individual task to optimize organizations human resource and materials usage.

Execution

With all project management tools and resource management tools in place, executing the defined tasks as per the defined plan/budget and schedule leads to the success of a business. CIMS ERP provides with a powerful project management tool to monitor and manage projects, integrate various capabilities and features such as deviation alerts and analysis, project evaluation, design-to-cost engineering to optimize construction costs; quality management - plan, collect, settle, and evaluate quality related to costs.

Material Management

In a traditional setup, handling materials in the construction industry is a complex task. CIMS ERP provides an effective tool to handle all purchase and stores functions, which are tightly integrated with modules/sub-modules on payables and tax-related legal compliances, it empowers store managers to plan and manage inventory, purchase analysis, optimization of supply chain and costs in real-time, and ultimately enhance their relationships with vendors reducing working capital and financial loss to the organization.

Finance

For any business, finance is the backbone and a sensitive factor. Statistics proves that effective management of finance in an organization reduces the expense and increases the profit; hence a very competent and self-sufficient tool is required to handle finance. CIMS ERP provides with a core module that deals with the enterprise financial robustness, addressing the complete accounting requirements, integrating payroll, purchase, facilitating analysis of site-specific profitability and performance along with various other controls.
There is no doubt that an ERP solution can enhance every business process of the construction industry. Streamlining the bidding process and analysis and job costing, all the while managing the entire jobsite activities and subcontractor relations, CIMS ERP eases operational effort and enhances the business efficiency by automating, multi-location, multi-projects, and empowering organization to mobilize the manpower, human resource, materials, finance, and equipments. Organizations can eliminate all the manual inefficiencies by choosing to use CIMS ERP which features a complete integrated model collating all business process in one comprehensive management tool.

About URC Infotec

URC Infotec recognizes and goes hand-in-hand with the paradigm shift in the IT sector and arouses to the occasion to provide the best-in-class solution and appease the changing business dynamics. We help organizations to venture forth successfully by deploying the enterprise solutions not only to manage their resources effectively and efficiently, but also to quench their thirst for value to their entire business.

URC Infotec, initially founded as a software development center in Chennai, India, has quickly evolved into a dominant player in the industry.

URC Infotec has rich domain knowledge and expertise, excellent customer service and efficient implementation process, which help the company to make better decision and to grow faster.