

Now a days members of the ECCR&O are facing biggest challenges and need to meet today's market demands. Biggest challenges are like estimating the cost of construction, manage their assets, their suppliers, subcontractors, HRMS and financial management systems.

Different departments are maintaining the data in different sources by using different files. For example the accounts department was maintaining a software package, and other departments were using excel sheets and not linked to accounting software. And all the times, much of this data available in site offices which was not connected to head office.

Whenever there is a demand of any data or reports, all the departments have to dig out the information, and consolidate it in to report. All these process of collecting data from different departments and consolidating it to reports done manually. This lengthy manual process will badly affect to the decision making process.

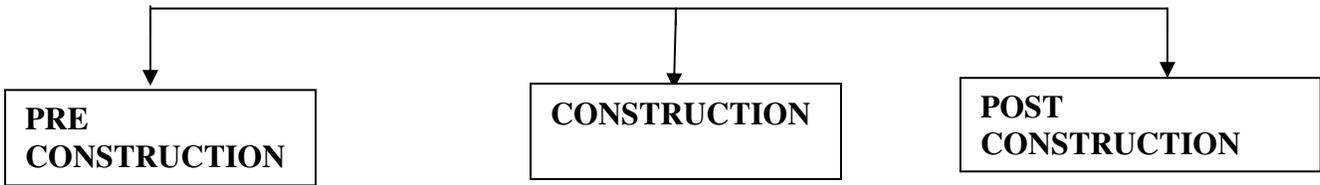
A centralized approach to manage data aggregation and dissemination is needed to ensure the long-term value of these firms.

QUADRA ERP is Researched, Designed, and Developed by construction functional experts with technical excellence of software professionals. Over 20 years of construction domain experience of the team has equipped to deliver world class solutions for this complex ECCR&O domain. Specialized knowledge on the requirements of the business practices of the industry gave leverage to the development of a comprehensive and integrated ERP package coordinating all the activities of ECCR&O Industry.

Quadra is an ERP Solution for ECCR&O which integrates all major activities and monitors entire processes in continuous basis. It's a functional software package, which automates workflow between departments with in built control.

The entire system of Quadra comprises well-defined modules for executing and managing different processes in construction. All modules integrated with one another. The Quadra ERP for ECCR&O comes up with below mentioned modules.

QUADRA ERP



PRE CONSTRUCTION:

The initial processes involved in a project are taken care of. The following modules such as Land, Liaison and Legal modules are covered in this section. The land module deals with the matters involved in the initial survey to the final purchase of the land. The legal module helps in having a follow up in all legal related matters. The liaison module helps in automation of work from one department to another.

CONSTRUCTION:

The engineering module contains all the major activities that occur in a project. There are many modules with the help of which the working becomes much easier. Some of the core modules which will fall under the construction section are Tender Bid Management, Estimation, Contractors Billing, Materials Management, Labour Management, Plant and Machinery, Contract Sales Billing, Fixed Asset Management, Project Scheduling, Reporting Tool, MIS, Dashboard and many more modules.

POST CONSTRUCTION:

The post construction section basically deals how a product can effectively keep up the confidence of the clients by managing the assets and by keeping good relations with the customers. The modules which play a major part in the post construction section are lease and rental, project maintenance, and after sales.

FINANCIAL ACCOUNTS:

Finance is one of the major areas of concern for any company to decide on the ongoing processes and for the future projects. Quadra gives you complete financial management solution. The integrated finance with other modules with the automatic postings gives user to manage, track and maintain financial health of the enterprise. The module offers depth of functionality in accounting, reporting, and financial analysis. This is comprised of Chart of Accounts Creation, General Ledgers linking to company, Tax masters, Opening Balance entry, Cash Budgeting, Voucher Entry, Voucher Posting, Bank Reconciliation, Inter-Company Fund Transfer, Accounts payables and Account Receivable.

HRMS:

HRMS system takes care of the human resource and payroll functions of an organization. Functions performed by Quadra HRMS includes Consultant Definition, HR circulars, Notifications, Awards to employee and Disciplinary action against a employee , Job Vacancies code creation, Man power request from other departments, Applicant Registration, Scheduling the interview, Employee Appraisal, Employee Training, and Employee Portal.

CRM:

In today's competitive business scenario, holding on a successful customer is as critical as finding a new prospect. The activities which involves sales and marketing are also a part of efficient CRM. This Module helps the company to track all pre sale and sale activity right from the enquiry to the closure of sale. This module helps to take care of all marketing activities and its budgets. This module comprised of Enquiry Management, Client Management and Marketing Financials.

CONCLUSION:

All the data and information should be accurate, timely and consistent. More importantly, an ECCR&O organization needs a standard and complete integrated system to consolidate and handle the data. Lack of such complete integrated system may affect badly for ECCR&O organizations in the long run.

As a result, Quadra ERP solutions for the ECCR&O industry, which have been adopted by many engineering, constructions and operations companies and taking advantage of business process automation and project management.

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