



# Getting Started with eresource NFRA ERP

**Exclusive ERP for :**

*Construction, Infrastructure, MEP Contractors, EPC  
Contractors, Architects, Oil and Gas Or any Project  
based Industry*

## Why resource nfra ERP ?

- resource Nfra ERP solution provides comprehensive project information necessary to answer all critical business, investment, and operational questions.
- The system enables the project industry to meet budget and deadline commitments by managing schedules, resources, and costs across all projects and programs.
- resource Nfra ERP deals with core functional areas such as **Project Monitoring and Control, Sales Management, Tendering, Bill of Quantities, Purchase and Supplier Management, Onsite Engineers Portal, Material Management, Labour and Contractors Management, Accounts Management and Human Resource Management.**
- resource Nfra helps capture and monitor all activities right from pre-execution stage to post execution. Management can access and manage onsite activities from anywhere at anytime.

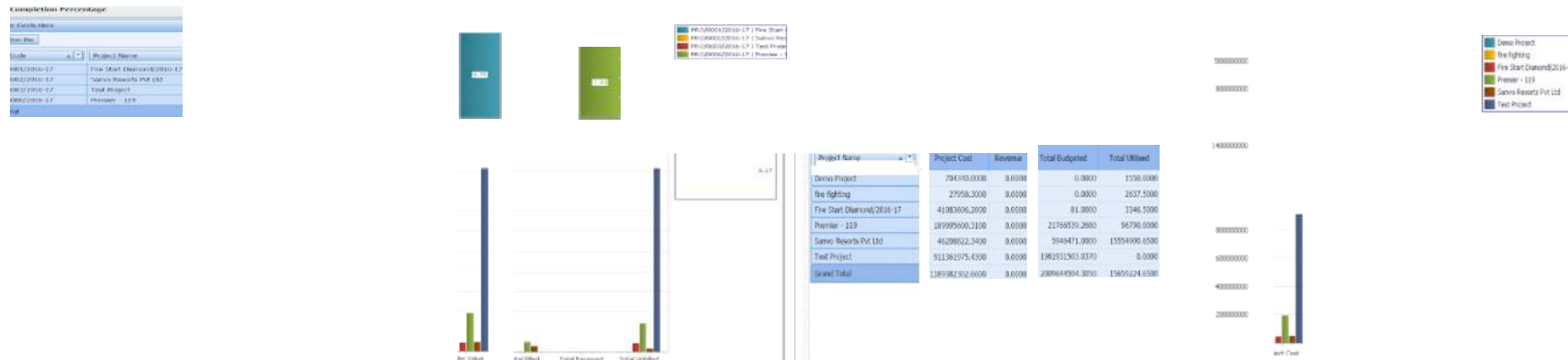
Cost Overruns - Costs that run beyond estimates results in losses for firms. Some of the largest construction contractors have significant numbers of projects based on fixed price contracts, in which they bear the risk for cost overruns.

Poor Visibility in material management, tracking and planning leads to Poor performance and Profitability.

The billing process is also quite complex as invoices need to be raised at any phase of the project based on Progressive billing arrangement agreement between the contractor and the customer, hence it is essential for project cost visibility at all times in the project cycle.

Uneven Revenues, Expenses On large projects, prime contractors handle more complicated cash flows, including progress payments to subcontractors.

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## Project Delay Aging

Filter Fields Here: Days, Status

Drop Column Fields Here: Diff\_Days, Status

Project Code	Project Name	Planned End	Expected End	Diff_Days	Status
PRO/0001/2016-	Fire Start Diamond/2016-17	10/1/2016 12:00:00 AM	10/2/2016 12:00:00 AM	1	AFTER - 1 Days
PRO/0002/2016-	Sanvo Resorts Pvt Ltd	12/22/2017 12:00:00 AM	1/1/2018 12:00:00 AM	10	AFTER - 10 Days
PRO/0003/2016-	Test Project	2/12/2017 12:00:00 AM	1/8/2017 12:00:00 AM	-35	BEFORE - 35 Days

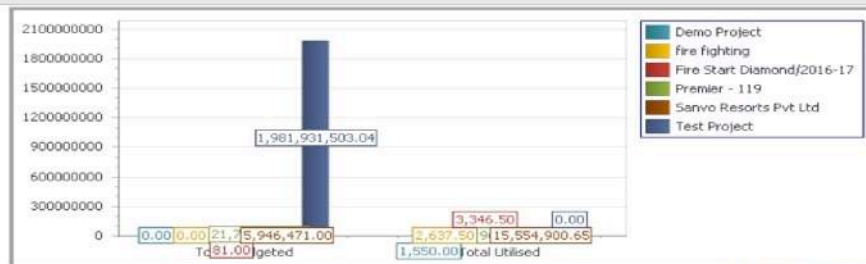


## Project Budget VS Actual

Filter Fields Here: Total Budgeted, Total Utilised

Drop Column Fields Here: Total Budgeted, Total Utilised

Project Name	Total Budgeted	Total Utilised
Demo Project	0.0000	1550.0000
Fire fighting	0.0000	2637.5000
Fire Start Diamond/2016-17	81.0000	3346.5000
Premier - 119	21766539.2680	96790.0000
Sanvo Resorts Pvt Ltd	5946471.0000	15554900.6500
Test Project	1981931503.0370	0.0000



# ERP BUSINESS FUNCTIONS

BOQ Management

Job Costing/  
Estimation

Order Processing

Budgeting

Material Take Off  
Process

Variation To  
Contract

Project Management

Purchase  
Management

Subcontract  
Management

Work In Progress

Site Activity

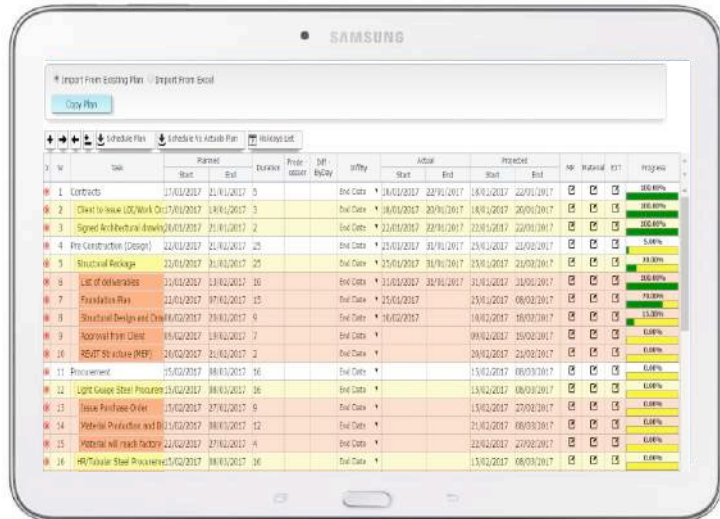
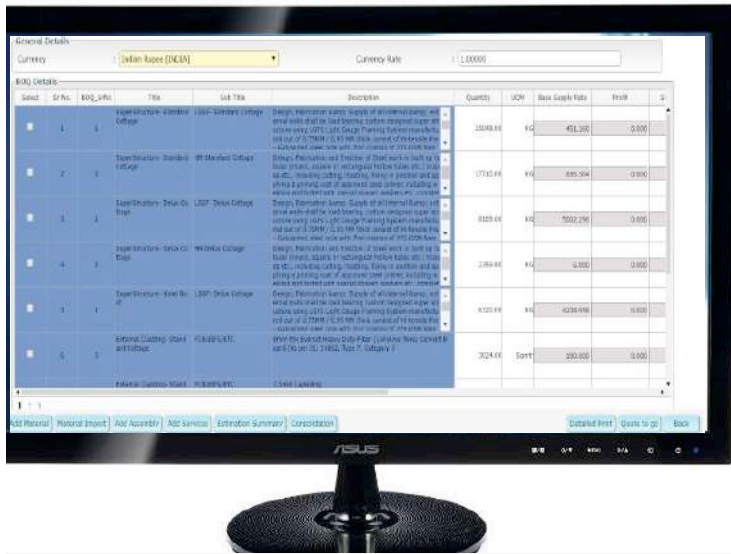
Material Requirement  
Planning

Inventory & Stores

Billing & Receivable

Accounts & Finance

# Technology Independent – Access from Anywhere and at anytime.



## BOQ MANAGEMENT

In nfra ERP, BOQ serves as the contract between the client and contractor, for the work defined by customer.

BOQ Management consist of activities/item that needs to be done while the execution of project with all the supplies required to do to activity, along with labour and cost requirements.

It allows the parallel management of sale and customers. Provision to Import BoQ data from Spreadsheet, Use existing BOQ or Manually capture BOQ information

- **ESTIMATION / JOB COSTING**
- Cost estimating is one of the most important steps in project management. A cost estimate establishes the base line of the project cost at different stages of development of the project.
- NFRA allows to compute the project estimate from BOQ very easily.
- BOQ items pricing are based on cost of material Cost, Manpower Cost, Equipment and Tools, SubContractor Cost and overheads and above all Profits can be computed.

## BUDGETING

The budget is the main life of a construction project. A construction lead service must be able to budget the expenses of building the specific infrastructure requested by the client without going over budget. eresource nfra allows to setup budget at the beginning of the project. Budget acts like a base line for every expenses decision that is made during the project.

All expenses or liabilities booked for the Project is validated against the Budget.

Budget is computed automatically in eresource nfra .

- **MATERIAL TAKE OFF (MTO)**
- Material Take Off is the amount of material required for an activity to take place, along with the detailed description of materials like grade, size, form, etc.
- MTO in eresource can be defined after the order is booked. Primarily MTO is the Material determined after the Quantity Survey or it can also be termed is Design qty.
- Material Requisition can be done against the MTO. The procurement can be done after the MTO is defined in the ERP.



## VARIATION TO CONTRACT

Almost all the projects face some unavoidable variations from the formally given business case. The changes in resource NFRA is called as Variation to Contract (VTC). VTC can be either billable or unbillable.

Changes can be technological, geological, unavailability of some materials or continuous development.

For any change in the BOQ, Variation to Contract is a Must in resource ERP.

- **PROJECT MANAGEMENT**

- Project planning and scheduling is an essential part of project and this can take many days or weeks to do manually and any human or other error can make very big differences.
- NFRA gives an in-built tool to set up a project calendar before start of planning.
- It creates break down activities with dates and progress of tasks. A standard template can also be used for Project Planning.
- Resources from the BOQ can be tagged against each Work Break Down Activity.

## **PURCHASE MANAGEMENT**

This module of NFRA streamlines procurement of materials in accordance with BOQ.

Potential suppliers, Supplier Evaluation, Supplier Quote Evaluation, awarding purchase order to the supplier, and billing processes are automated by this module.

Procurement cycle in eresource for a project starts from Material Indent, which is generated against Material Requisition by the Site Engineer / Site Supervisor.

## **• SUBCONTRACT MANAGEMENT**

- There are many process and activities in a project which are outsourced to a sub contractor.
- Selecting the best contractor within the given budget and monitoring can be a very long and hectic process.
- Generating Work Order to Sub Contractor.
- Capture Progressive Invoice from the SubContractor and Bill Certification is all managed from this module.

## WORK IN PROGRESS

Every project in this world overshoots the planned budget, it may be less or more, but to minimize this to the maximum possible limit this module comes into play.

A module that exclusively provides with an insight of project budget across weekly, monthly and yearly time period.

It also gives a comparison of actual budget vs planned to plan further activities accordingly.

- **ON-SITE ACTIVITY**

- Exclusive portal is designed for managing Onsite activity.
- Through this portal the site supervisor or Site engineer can Request for the Material. Material requisition in which case happens against the BOQ only.
- Time Sheet and Labour Attendance of Manpower / Labour can be captured. Site Engineer Portal comprises of Functions such as, Material Requisition, Work Progress, Defining day to day progress (measurement), Material Consumption, Expense booking and many more.

## INVENTORY AND STORES

This module facilitates hassle free management of inventories.

Provision to Maintain Site Inventory.

Provision to transfer material from site to warehouse, Site to Site or Warehouse to Site.

. Identifying inventory requirements, setting targets, providing replenishment techniques and options, monitoring item usages, reconciling the inventory balances, and reporting inventory status, can be managed by this.

Projectwise Material Balance Sheet can be generated.

## • BILLING AND RECEIVABLE

- Bills and invoices forms the base of all the operations that are being or will be carried out.
- Provision to create different type of Invoices based on Order agreement, likewise, Supply Bill, Service Bill, Running Account Bill, Progressive Bill.
- Provision to capture Billing Certificate by third party consultant.
- Advance Invoice, Progressive Invoice, Pre Final Invoice, Final Invoice and Retention Invoice can be generated on the basis of Invoicing Rules defined in the system.

## ACCOUNTS AND FINANCE

Finance Resource Management in Resource ERP gathers financial data from various functional departments and generates valuable financial reports such as Balance Sheet, Trial balance, General Ledgers, Quarterly Financial Reports, Account Statements, Gross Profit Analysis, Cost Center wise Analysis, Branch wise Profit Analysis, profitability report, Asset and Depreciation Management, Tax Management, ABC Analysis and many more.

Project MIS Report, likewise, Project Profit & Loss Report, Project Cost Center management Report, Project Analysis Report can be generated.

## • HUMAN RESOURCE MANAGEMENT

- All Human Resource Management features available out of the box, from Hire to Retire.
- Human Resource Management Portal comprises of following functions
  - Personal Development
  - Personal Management
  - Time Sheet Management
  - Payroll Management
  - Recruitment
  - Training

# Contact Us

**“Business is not just doing deals, business is having great products, doing great engineering, and providing tremendous service to customers.**

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