



CLIENT PROJECT

Engineering ERP from Inquiry and Quote to Bill of Materials

An Indian industrial manufacturer and material sourcing company

IN SHORT

A web ERP for an industrial manufacturer: leads and quotations, bills of materials, stock from delivery challans and product test certificates.

THE CHALLENGE

Contacts, items and inquiries sat in different places, and quotations were put together by hand. Once an order was confirmed, the company needed to know which materials it would use and whether stores held them. Every product needed a test certificate, and stock had to follow incoming deliveries.

WHAT WE BUILT

We built a web ERP in PHP Laravel and MySQL. The sales module holds items with indicative rates, contacts, leads with stages and reminders, and quotations built from the item list. The production and inventory modules attach a bill of materials to each confirmed order, allocate stock, issue test certificates and add stock from delivery challans.

AT A GLANCE

INDUSTRY

Manufacturing

SERVICES

ERP development

Web application development

Custom software development

PLATFORMS

Web

Read the full project: <https://itechnosol.com/our-work/industrial-manufacturer-erp-quotation-to-bom/>

THE RESULT

Sales staff see every inquiry, its stage and its history, and raise quotations from the item master. Production allocates materials against each order, stores update when a challan is entered, and service reports are filed by client and product.

BUILT WITH

Laravel, PHP, MySQL, Bootstrap, jQuery, HTML5, Ubuntu server, Nginx, GitHub Actions, Git

KEY FEATURES

- **Quotations from the item list**
Staff pick the items a customer needs and the system builds a quotation to send or print.
- **Lead stages and reminders**
Leads move from unassigned to completed, with an activity log and reminders for open leads.
- **Bill of materials**
Each confirmed order gets a list of the materials, parts and quantities it needs.
- **Material allocation**
Stock is allocated against the bill of materials, and faulty parts can be swapped out.
- **Test certificates**
The system generates a test certificate for each product's quality check.
- **Purchase orders by type**
Purchases are split between manufactured items and bought-out parts.
- **Stock from delivery challans**
Entering a delivery challan adds the received items to stock.
- **Service reports**
Service reports are uploaded and filed by client and by product.

Planning something similar?

Send us a few lines about your project. A founder replies within 4 business hours with an indicative cost and timeline, free and with no obligation.

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