## Project Profile

**NKC Projects Pvt. Ltd.**

**Location:**
India

**Project:**
NKC ERP

**Industry:**
Construction

**Technologies / Platform:**

- PHP/Java/Android/iOS

**Business Benefits:**

**Customer / Consumer**
- Improved Productivity
- Decreased costs
- Transparency
- Early Delay detection
- Built in Business intelligence

### Client

NKC Projects, India

### Business Needs

To create a custom ERP to aid the client in centralizing all business processes in one software. The following modules are a part of the ERP

1. Planning & Control
2. Inventory & Purchase
3. Plant & Machinery
4. Accounting & Finance
5. Human Resources
6. Sales & Marketing

### Rapidsoft's Role.

Development of complete web application and supporting iOS and Android mobile applications from scratch with backend using Cake PHP

**Inventory Stock**

**Civil**

| Current Inventory | | | Consumed Till Date | | |
|---|---|---|---|---|---|
| GSB | 9403.950 Mt | 2731433.701INR | GSB | 37987.400 Mt | 11033668.254 INR |
| Agg.40mm | 7643.908 Mt | 2167047.918INR | Cement Opc 43 | 12507.000 Bag | 3897231.228 INR |
| Core Sand | 2071.292 Mt | 1720054.730INR | Stone Dust | 5875.428 Mt | 1680648.553 INR |
| others | 12957.603 - | 10908961.112INR | others | 19195.117 - | 12536986.337 INR |
| Total Value | | 17527497.461 INR | Total Value | | 29148534.372 INR |

**Mechanical**

| Current Inventory | | | Consumed Till Date | | |
|---|---|---|---|---|---|
| COMM 21 | 1.000 No. | 1044300.000 INR | diesel | 171958.080 - | 12179102.974 INR |
| diesel | 5442.000 - | 385435.092 INR | THERM OIL VG-32 | 3000.000 Ltr | 371700.000 INR |
| Comm19 | 8.000 No. | 201748.056 INR | Comm19 | 7.000 No. | 176529.549 INR |
| others | 5503.21 - | 1893851.903 INR | others | 2188.43 - | 596800.248 INR |
| Total Value | | 3525335.051 INR | Total Value | | 13324132.771 INR |

**HR**

| Current Inventory | | | Consumed Till Date | | |
|---|---|---|---|---|---|
| Electronic Weighbridge (Cap.100 T) | 2.000 No. | 1960000.000 INR | Total Station (old & used) | 1.000 No. | 1.000 INR |
| Light Diesel Oil (LDO) Density 0.90 to .91 Colour Green | 17300.000 Ltr | 917073.000 INR | Folding Bed | 130.000 No. | 130.000 INR |
| Aerocon Panel (50x600x3000mm) | 383.000 No. | 610616.900 INR | Aluminium Cable Armed 300sqmx4 core | 100.000 Mtr | 100.000 INR |
| others | 19313.475 - | 5417781.324 INR | others | 9013.5 - | 9013.5 INR |
| Total Value | | 8905471.224 INR | Total Value | | 9244.5INR |

**Details**

| Inventory In Hand | Consumption Till Date | Requisition | | Indent | | PO | |
|---|---|---|---|---|---|---|---|
| 29958303.736 INR | 42481911.643 INR | Total 4986 | | Total 639 | | Total 475 | |
| | | Closed 4152 | | Closed 183 | | Closed 444 | |
| | | Pending 834 | | Pending 456 | | Pending 31 | |

**Ageing Summary**

| Sr. | Age In Days | Requisition | Indent | PO |
|---|---|---|---|---|
| 1 | Less than 10 Days | 0 | 0 | 0 |
| 2 | Less than 15 Days | 3 | 3 | 1 |
| 3 | Less than 20 Days | 7 | 4 | 3 |
| 4 | Less than 25 Days | 219 | 19 | 14 |
| 5 | Less than 30 Days | 502 | 44 | 33 |

For more information, contact: info@rapidsofttechnologies.com

**Solution Overview**

## 1. Planning & Control

- Project creation
- Project structure & scheduling
- Project budgeting
- Resource & manpower allocation
- Material addition
- Mixed design
- Add bill of quantity
- Project financial control
- Generate projected LMPS
- Generate projected P&L statement
- Daily project reporting
- LMPS approval

## 2. Human Resources

- Personnel administration
- Recruitment, appraisals & training
- Maintains data of all the employees
- Electronic leaves management
- Handles all allowances & deductions
- Generation of pay slips
- TDS calculation & generation of forms
- Automatic effect to accounts
- Letter generation to bank, candidates, employees etc.
- Administrative expenses booking
- Linking with attendance system
- Plugin job portal in Company website.

## 3. Sales and Marketing

- Marketing campaigns
- Bid/Inquiry management
- Quotation for tender bid
- Improved client records
- Sales order management
- T & M billing
- Targeted follow-ups - better conversion
- Milestone billing
- Release orders for billing
- Customer invoice management
- Better broker management
- Better management directions - analytical data available

## 4. Plant & Machinery

- Maintenance planning
- Operational maintenance
- Preventive maintenance
- Breakdown
- Refurbishment
- Live tracking of moving assets
- IOT integration
- Performance monitoring of assets
- Fuel consumption monitoring
- Real time alerts
- Chainage geo-fencing
- Expense tracking for assets

## 5. Finance & Accounting

- General ledger & org structure
- Account payable
- Account receivable
- Automatic TDS, service tax calculation, deduction & eTDS
- Asset accounting
- Drill down features for browsing balance sheet, P&L, ledgers
- Built in Budget Monitoring System
- Cash Flow Reports
- Browsing across the Financial Years
- Monthly Locking of Financial Year
- Built in Audit Features & Audit Trails
- Generation of Schedule, Balance Sheet, P&L, Cash flow & schedules

## 6. Inventory & Purchase

- Add and allocate users to site
- Material addition & submission for approval
- Stock handling
- Add requisitions
- Configurable approval levels with integrated workflow engine
- Material issuing, gate pass & return stock
- Vendor & PO management
- Service procurement
- Material receipt note from PO
- Quotation from vendor comparison
- Reporting

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