

Odoo Construction Management System

Pragmatic's Odoo Construction Management system consists of following features:

Project Planning & Scheduling

- Work breakdown structure (tree structure)- hierarchical and incremental decomposition of the project into phases, deliverables and work packages.
- Critical path method (CPM) List of project activities, duration for each activity, dependencies between the activities, milestones.
- Resource management activity resource estimation, financials and project, human resource management.
- Resource leveling- smoothing the stock of resources on hand, reducing both excess inventories and shortages ???.
- Controlling Multi Level approvals of each transaction and several control points whenever needed
- Budgetary control to control the resources, motivate managers to strive to achieve budget goals, for better accountability

Project Execution

- Resource Indents requisition/indent for material or services.
- Work inspection monitoring of actual work completion at site and the payment linked tasks work completion???
- Change orders Changes in scope of work.
- Review payments Accounts payable, Accounts receivable of the stakeholders
- Quality control workmanship, and the approval systems
- Daily reports daily insights of the projects
- Petty cash management Misc. Expenses on projects with budgetary control
- Inventory Management schedule base delivery, PO based material receipts, inter site transfer

Vendor Management-

 Vendor Registrations - vendor information with status like Active / on trial / Suspended / etc.

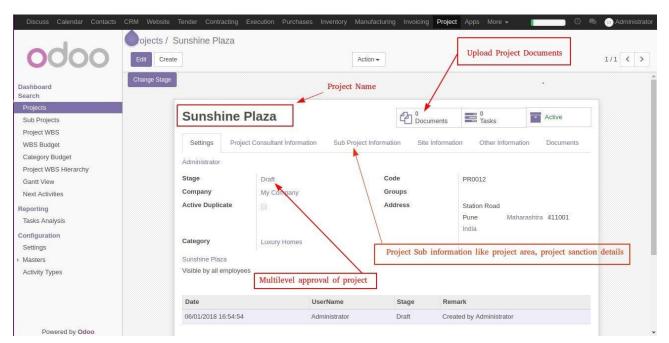
- Request for quotations Request vendors to raise the quotation against indent/requisition
- Quotation comparisons Multi vendor quotation comparison and approval for Purchase Order
- Orders & Invoices vendor wise order details, invoices and payment details.
- Tender Management Raise tender, enquiry, estimation from vendor, bid management, rating, etc.

Advanced Reporting-

- Project Management Category budget report, Gantt Chart report for project planning, Project Summary
- Purchase Management Purchase order summary, Purchase bill summary,
 Short supply report (pending shipments from vendor), Unbilled GRN (material received but bill not prepared), Purchase analysis.
- Contracts Management Work Order (WO) summary, RA bill summary, Incomplete work report (pending WO), Contractor payments report.
- Tender Management Enquiry, vendor estimation, comparison of bidding, rating, etc.

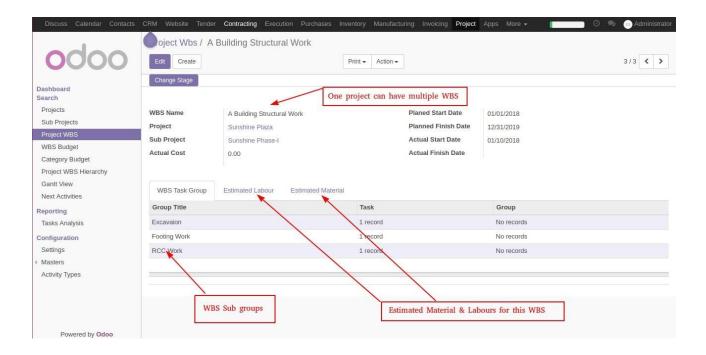
Project Definition:

Record all the construction project related information on Project form. This information contains project specific details like Construction Area, Project sanction information, Sub-Project information, Project related document uploading



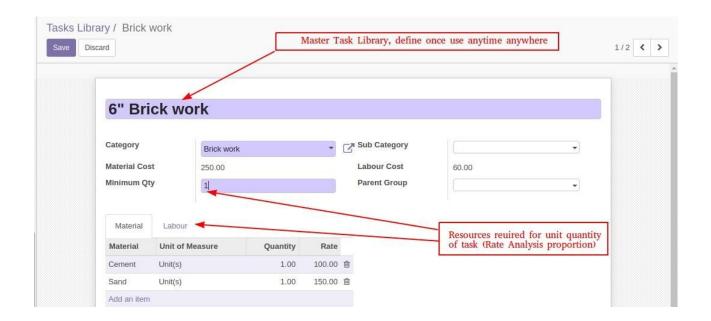
Project WBS:

Project WBS is Work Breakdown Structure. Here we can define required resources i.e. Material and labour for particular Project. Also we define actual and planned start and finish dates here.



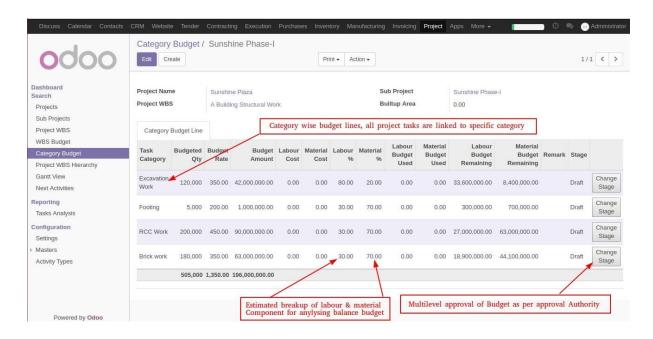
Task:

Resources like manpower, equipments and materials which can be added in task.



Project budget:-

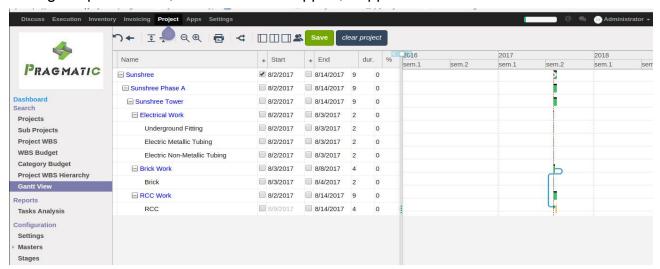
User can define task category wise - budget, so while confirming work order it does not allow excess amount more than the budget allocated.



Project Gantt Chart:

Features Of Gantt Chart:

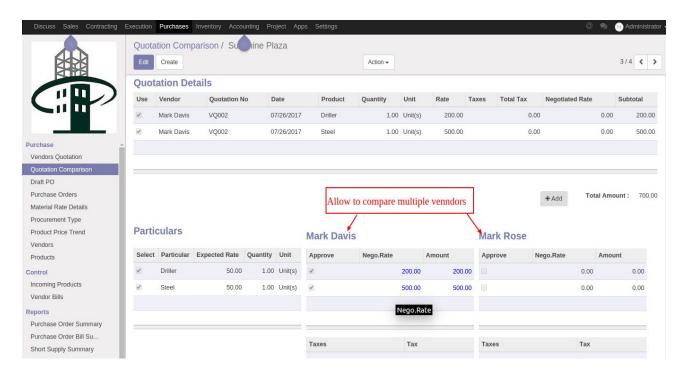
Every element is editable from gantt chart, Zooming option, Manage task status, Manage dependencies, Full undo-redo support, Supports N-levels.



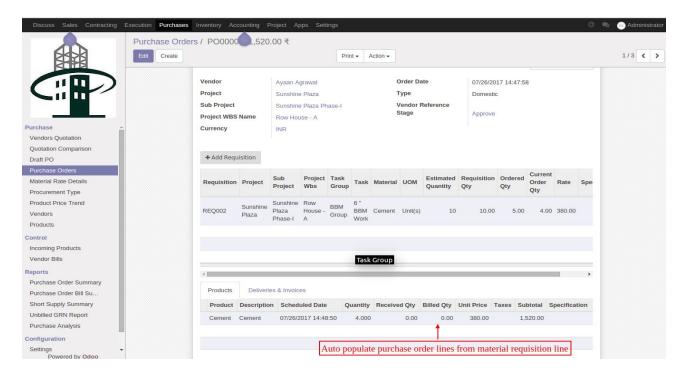
Purchase Management:

In Odoo Material (products) requisition – Once user click on search button with all necessary filters requisition lines gets auto populate from estimated material in project WBS.

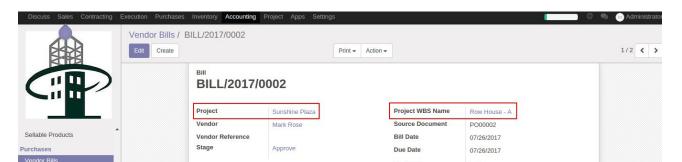
Allow to compare multiple quotations and approves particular vendor to raise purchase order.



User can create purchase order by selecting approved requisitions, validations to avoid order more material than specified in requisition



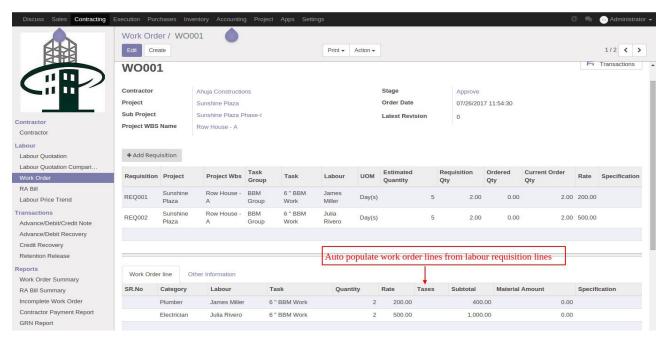
Creates vendor bills along with information of project, WBS, subproject



You can see various analytical report like unbilled GRN (Material Received but Bill not Prepared)

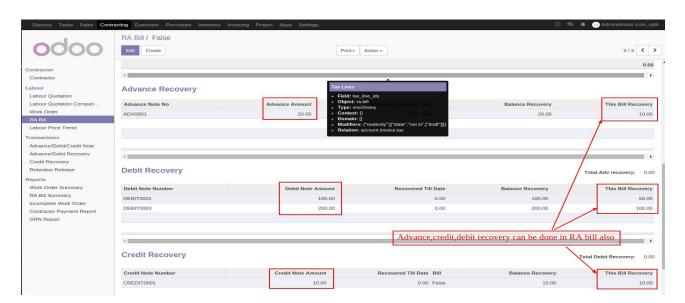
Subcontracting Management:-

User can create Work order by selecting approved labour requisitions to avoid raising of work order beyond the available budget.



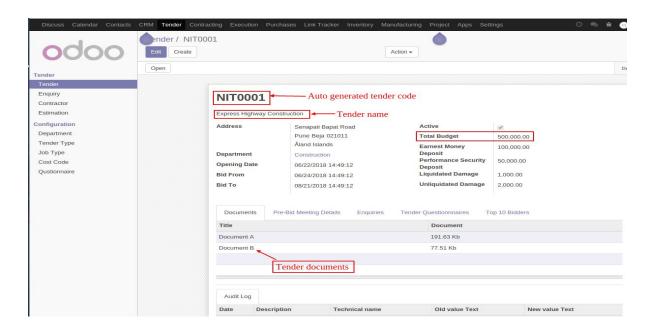
Task Completion - Allow to do Completion of tasks specified in WO's payment schedule.

RA Bill- Allow to create running account bill i.e.RA bill if there is task completions by considering debit,credit,advance transactions and recovery of same Advance, credit, debit recovery can be done in RA bill which user can see as balanced recovery, total amount of transaction etc.



Tender Management System:

Pragmatic's Tender management allows user to create tenders, tender enquiries, set eligible criteria for bidders, bidder rating, tender estimation and computes top bidder from their rating.



Bidder can create enquiry against tender and system allows to put technical, financial eligible criteria, related questions and rating.

Tender estimation -

