PROJECT MANAGEMENT

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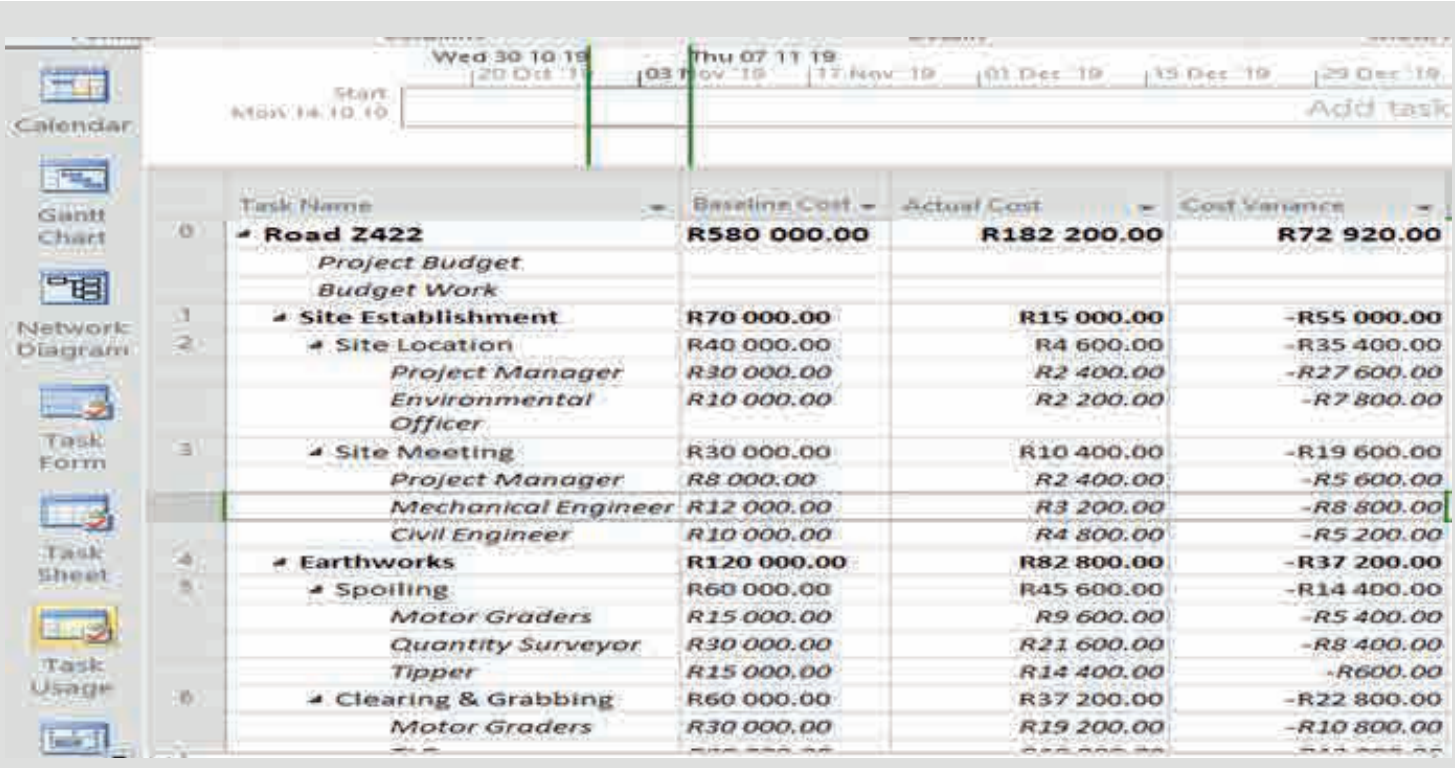
SYSTEM OVERVIEW OF LOCAL AREAS

- Timeliness: This is making sure that your project is done on time—and if it's not, tracking where it's off-target is important so you can always have an estimated completion date.
- Budget: Are you going to stay under the budget you've allocated, or is the project exceeding costs?
- Quality: How well has the project progressed? Are those working on it or benefitting from it satisfied?
- Effectiveness: Are you spending your time and money appropriately, or could you be managing the project more effectively?
- Realtime reporting: Tracking and early detection of performance and triggering corrective and preventive action.

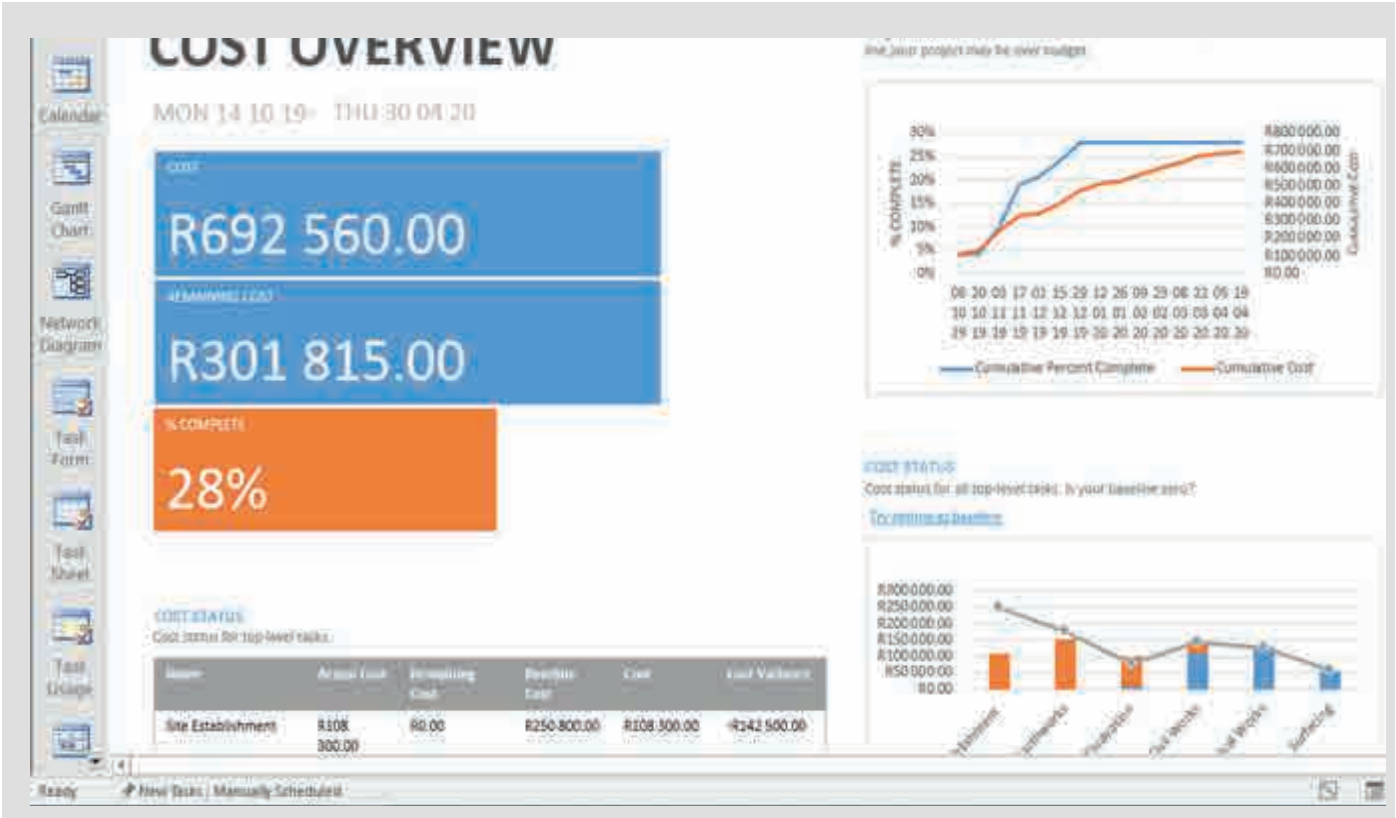
FEATURES

BUDGET VS ACTUAL

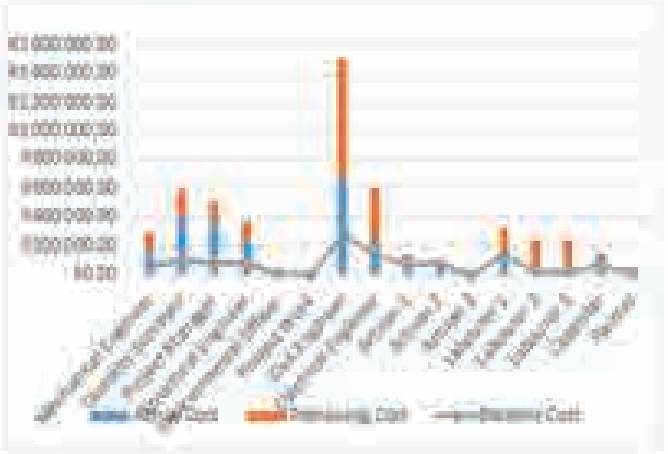


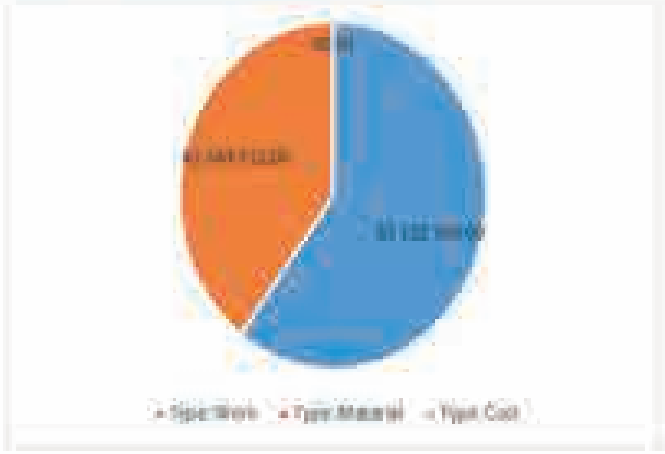
	Task Name	Baseline Cost	Actual Cost	Cost Variance
0	Road Z422	R580 000.00	R182 200.00	R72 920.00
	Project Budget			
	Budget Work			
1	Site Establishment	R70 000.00	R15 000.00	-R55 000.00
2	Site Location	R40 000.00	R4 600.00	-R35 400.00
	Project Manager	R30 000.00	R2 400.00	-R27 600.00
	Environmental Officer	R10 000.00	R2 200.00	-R7 800.00
3	Site Meeting	R30 000.00	R10 400.00	-R19 600.00
	Project Manager	R8 000.00	R2 400.00	-R5 600.00
	Mechanical Engineer	R12 000.00	R3 200.00	-R8 800.00
	Civil Engineer	R10 000.00	R4 800.00	-R5 200.00
4	Earthworks	R120 000.00	R82 800.00	-R37 200.00
5	Spoiling	R60 000.00	R45 600.00	-R14 400.00
	Motor Graders	R15 000.00	R9 600.00	-R5 400.00
	Quantity Surveyor	R30 000.00	R21 600.00	-R8 400.00
	Tipper	R15 000.00	R14 400.00	-R600.00
6	Clearing & Grabbing	R60 000.00	R37 200.00	-R22 800.00
	Motor Graders	R30 000.00	R19 200.00	-R10 800.00

COST OVERVIEW



RESOURCE COST OVERVIEW





Mechanical Engineer	338 hrs	8187.500.00	81 200.00/hr
Quantity Surveyor	958 hrs	9420.000.00	81 200.00/hr

KPI's

Operational efficiency

The operational efficiency KPI is utilized for measuring the team performance as well as resource utilization. For example, the resource utilization measure looks at the amount of time invested on one particular resource or set of resources. In other words, it involves measuring and evaluating 'resource productivity'.This information is presented in a Gantt Chart or Reporting Dashboard.

- Resource Allocation: Measures percentage of time spent by single resource (or group of resources) over the project duration. Shows tasks completed by resource in certain time span. Resource productivity is measured and should be evaluated by the manager in charge of a project
- Project Effort: Measures time devoted to working on a project
- Project Churn: Measures projects on stand-by or forfeited over a time period. Conveys changes in a project and how it will adjust and keep up with these changes. Eliminates excessive projects that might otherwise disrupt the balance of the project portfolio causing project churn.

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Execution KPIs

These metrics illuminate project implementation and impact once projects are deployed for assessment. Reveals whether or not projects are successful and shows possible costs accumulated during the project operation. These KPIs are usually presented via dashboard or report.

- Project Success Rate: Measures rate of success or failure for a portfolio of projects based on time, budget, and fulfillment of requirements through delivery of expected results. This metric takes into consideration stakeholder satisfaction.

- Budget Variance: Estimates costs included in the planning stage of the project. Computes or estimates via budgeted task cost, actual task cost and earned value. Each project starts off with a projected budget which has a certain amount of money allocated to each resource and activity. The budget optimization KPI looks at the variations between the estimated budget and the actual budget.

Business value delivered

Business value metrics are used for measuring the expected value of projects. Projects rely on return value in order to determine if they are successful or not.

- Customer Satisfaction: Measures customer satisfaction through both client and stakeholder feedback after the project is delivered.
- Business Value Realized: Measures if projects are properly selected and implemented at the proper time interval. Estimated benefits can be computed from the date of the project's delivery and measured benefits include revenue added, cost savings and customer satisfaction.

SYSTEM ALIGNMENT WITH CLIENT GOALS

This refers to the process of evaluating a project from the point of view of how it is aligned with the company's overall objectives and unit and target investment. All ongoing business units are measured against set targets for cost and effort. Once the money is spent on these units, they are examined against two distinct factors: business investment and investment class.

- Percentage Of Projects Aligned With Objectives: Measures the percentage of existing projects aligned with the business objective of a company.
- Investment Class Targets: Estimates the investment made in a project through the following components: run, grow and transform.
- Business Unit Investment Targets: Measure existing business units by setting targets for effort and cost. Once these investments are spent, it will be assessed against the two factors.

Efficiencies and effectiveness

- Saves money through effective project management that is traceable through process feed-forward loop and measurable process feed-back loop.
- Enable departments and leadership to see projects performance in both capability and performance with early detection alerts for nonconformities.
- Procurement planning alignment with project performance will ensure that procurement is and managed to ensure effectiveness in all areas.
- Risk management capabilities will ensure identification of all possible risk areas and preparedness models will be incorporated in the system to avert occurrences.

Procurement solution
Procure4ai

Get more for your budget faster with risk eliminated

More

- Bulk purchasing bargaining power to reduce cost by discount or go direct.
- Competitive bidding from vendors as pricelist available at bidding level. Specials and promotions directly realized.
- Cut procurement cycle by shortening procurement process actualization.
- Increases performance and capability through procurement scheduling.

Faster

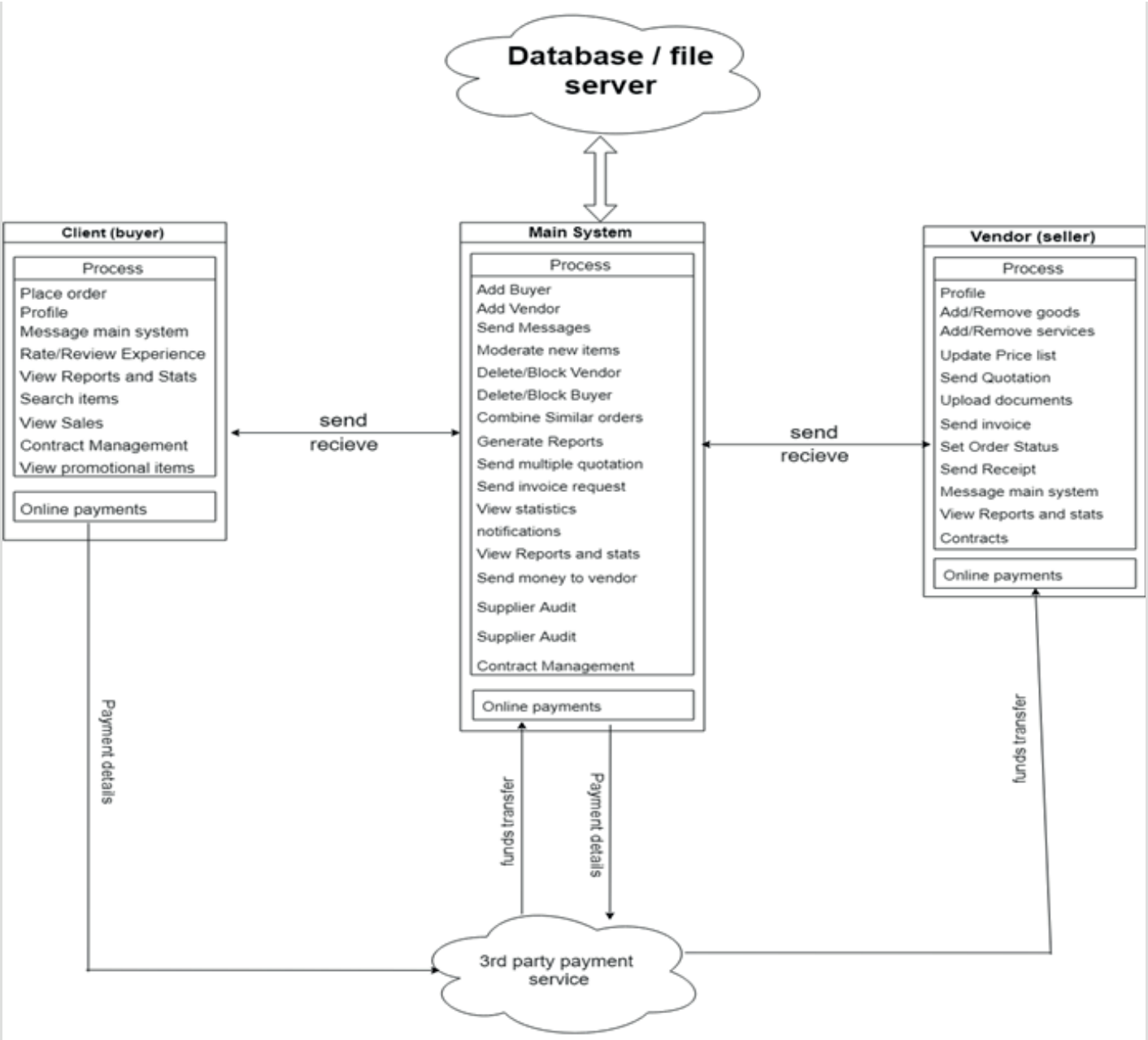
- Streamline internal procurement process requirements turnaround time.
- Supplier / vendor budget forecasting and planning for on time supplies and deliveries.

Risk elimination

- Early detection of risk events and application of mitigation responses.
- Pre-planning and communication providing assurance of pre-determined results.
- Reliability in operation execution.
- Drill down dashboards for cause and effect analysis.

SYSTEM FEATURES

Procure4ai Platform Overview




BASED ON A SURVEY
Discussion
Outline