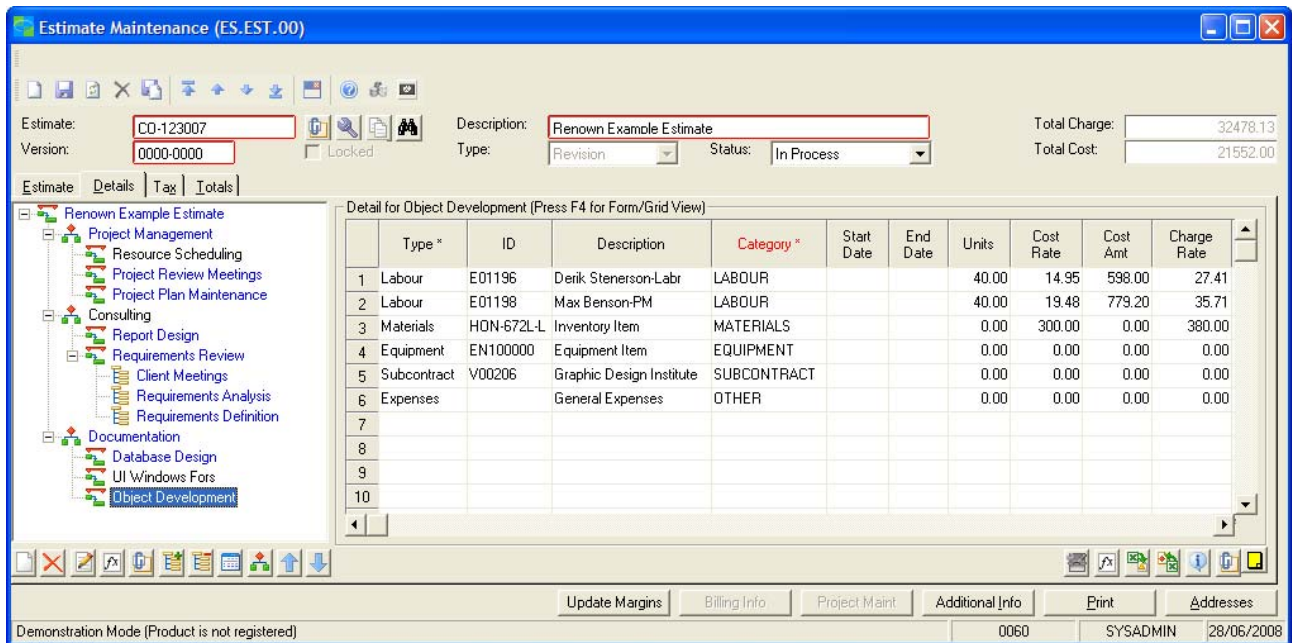




Estimating allows definition of Estimate details at any level of the Work Breakdown Structure “WBS”. Detail lines can include; Labour, Equipment, Materials, Subcontractors, Expenses and custom Line Types. Each line defines Cost, Overhead and Charge using manual entry, markups or margin calculations. Estimators can build summary or detailed costings at any level in the WBS. The detail lines are associated to SL Entities such as; Employees, Equipment, or custom Supplier Catalogues ensuring rates are accurate and current.



Estimate: CD-123007 Description: Renown Example Estimate Total Charge: 32478.13
 Version: 0000-0000 Type: Revision Status: In Process Total Cost: 21552.00

| Type * | ID | Description | Category * | Start Date | End Date | Units | Cost Rate | Cost Amt | Charge Rate |
|---------------|------------|--------------------------|-------------|------------|----------|-------|-----------|----------|-------------|
| 1 Labour | E01196 | Derik Stenerson-Labr | LABOUR | | | 40.00 | 14.95 | 598.00 | 27.41 |
| 2 Labour | E01198 | Max Benson-PM | LABOUR | | | 40.00 | 19.48 | 779.20 | 35.71 |
| 3 Materials | HON-672L-L | Inventory Item | MATERIALS | | | 0.00 | 300.00 | 0.00 | 380.00 |
| 4 Equipment | EN100000 | Equipment Item | EQUIPMENT | | | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 Subcontract | V00206 | Graphic Design Institute | SUBCONTRACT | | | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 Expenses | | General Expenses | OTHER | | | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |

An Estimate can create the Project or be linked to any existing Project. The Project Budget is calculated as a summation of all approved Versions of Estimate. Full version control enables the management of Revisions (complete replacements) and Variations (incremental changes). Each Estimate version can be flagged to update Original Budget, ‘Estimate at Complete’ (EAC) or ‘Forecast at Complete’ (FAC).

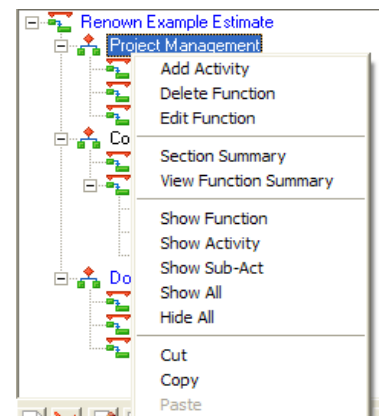
Example: Revision 0001 may be a ‘Rough Cut’ with summary details defined at the top WBS level only. Once the bid is won Estimators can create Revision 0002 with detailed definition of all Labour, Materials, Equipment, required to perform the work. Labour Lines can be defined generic or employee resources. Labour lines copy across to the Estimate as Task Assignments with the applicable Start and End dates.

WBS TREE RIGHT CLICK MENU

A menu is provided in the tree control to enable functions within each node of the WBS. It is possible to Add, Edit or Delete a Section of the WBS. It is possible to copy and paste a Section to a new location within an Estimate or from one Estimate to another. Copying Sections can make building new Estimates exceptional quick and accurate.

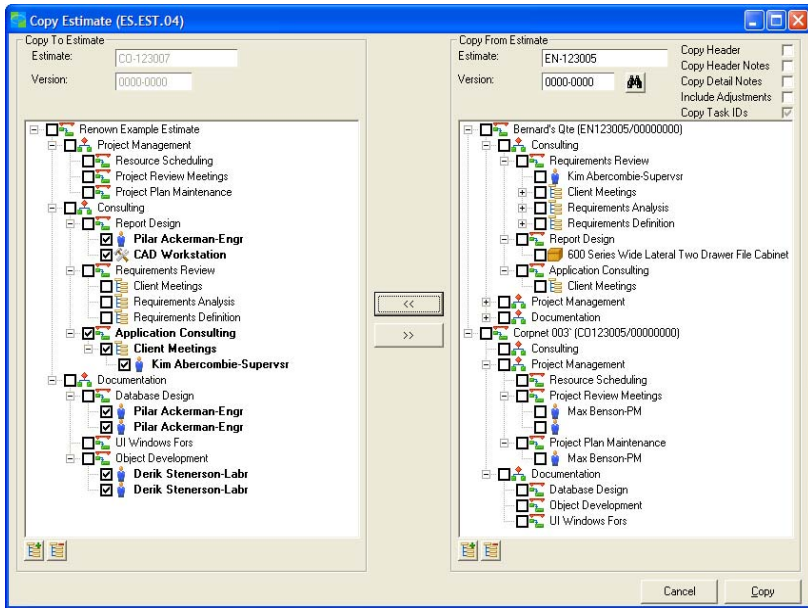
Options are also available for viewing summarised totals for individual Sections or a selected Estimate level. This is handy for reviewing summary totals for Phases, Stages, Disciplines or any other logical grouping of work.

Mark-ups and/or adjustments can be made at any summary level to make Estimate presentation easier for clients, subcontractors or management.



ESTIMATE COPY FUNCTION

An Estimate Copy function is provided to copy sections or discrete details from any Estimate and/or Version into the current Estimate. This provides a quick and accurate way to build Estimates based on pre-built Templates or previous Estimates.



There are numerous ways to copy sections or detail lines from one Estimate (or Template) to another, significantly improving accuracy and speed to produce to new Estimates.

Importing and exporting facilities are provided. This enables complex calculations and formulas to be built in Excel and once calculated imported into the SL Estimate for security, budget control and tracking.

An Excel mapping function is provided to enable headers and footers to be used in Excel but ignored in the import to an Estimate.

ESTIMATE TO PROJECT WBS MAPPING

It is possible to configure the Estimate ID and Section WBS to exactly map your Project ID and Task WBS, but this is not a requirement. In many instances Estimators quote work in a very different order to the way Project Managers will deliver on it. As an example in construction an Estimate will be built by floor and room, but the Project is generally delivered by Trade. The Estimate Section WBS will be floor-room-trade, and the Task WBS will be trade-floor room. You can map Estimate Sections to any Project Tasks. It is also possible to define Task IDs at the detail line level, enabling any line on any Estimate node to post to any Project Task.

COST PLUS OR LINE CHARGE RATES

It is possible to define, Cost, Overhead and/or Charge values on each detail line. The Overhead and Charge rates can default from the source Entity or be calculated based on a mark-up held against the Estimate Node to Line Type.

Estimating also supports a Cost Plus. The detail lines will contain Cost values only. It is then possible to assign Mark-Up rules against the nodes. Different Mark-up codes can be assigned to different Sections at any level in the Estimate WBS.

Mark-up rules can be defined to automatically calculate overhead costs and charges. Each Mark-up calculation can be based on:

- Base line cost, overhead or charge, or on
- Running balances for cost, overhead or charge.

Mark-ups can be flat amounts, percentages or unit rates and can be applied to selected cost types; Labour, Materials, Expenses, Subcontractors, etc.

SECTION AND ESTIMATE SUMMARIES

Summary totals can be reviewed for any node, a complete Estimate level or for the Estimate whole.

| | Units | Cost Amount | Overhead Amount | Total Cost | Charge Amount | Margin Amount | Margin % |
|------------------------|--------|-------------|-----------------|------------|---------------|---------------|----------|
| Labor | 331.00 | 6369.52 | 636.95 | 7006.47 | 31974.33 | 4147.05 | 35.11 |
| Materials | 32.00 | 3600.00 | 480.00 | 4080.00 | 12676.75 | 2536.75 | 20.50 |
| Expenses | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Subcontract | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Equipment | 5.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Estimate Total Ex Tax | | 10569.52 | 1176.95 | 11746.47 | 24633.08 | 6746.61 | 27.54 |
| Tax | | | | | 0.00 | | |
| Estimate Total Inc Tax | | | | | 24633.08 | | |

| Task | Description | Markup Code | Units | Cost Rate | Cost Amt | Overhead Amt | Total Cost | Charge Amt | Margin Amt | Margin % |
|------|-----------------------------|-------------|--------|-----------|----------|--------------|------------|------------|------------|----------|
| 1 | PH-AD001-Project Management | | 240.00 | 55.4167 | 13300.00 | 6.99 | 13306.99 | 14330.00 | 20.50 | 1.40 |
| 2 | CD-AD001-Consulting | | 141.00 | 25.0652 | 3534.20 | 9.74 | 3543.94 | 3672.62 | 39.13 | 1.64 |
| 3 | DD-AD001-Documentation | | 360.00 | 22.2499 | 8009.60 | 9.99 | 8019.59 | 41.99 | 1.72 | 42.20 |
| 4 | Total | | 741.00 | 34.3274 | 24633.08 | 26.72 | 24660.00 | 24633.08 | 35.66 | 1.54 |

| Seq # | Description | Calc Type | Calc Basis | Rate/Amt | Update Type | Labor | Materials | Exp |
|-------|--------------------------|------------|--------------------|---------------|-------------|-------------------------------------|-------------------------------------|-----|
| 1 | 0001 4.5% Preliminaries | Percentage | Base Cost | 4.50 Overhead | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 2 | 0002 1.5% Insurances | Percentage | Base Cost | 4.50 Overhead | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 3 | 0003 10.0% Risk | Percentage | Running Total Cost | 10.00 Charge | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4 | 0004 30.0% Profit Margin | Percentage | Running Charge | 30.00 Charge | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 5 | | | | | | <input type="checkbox"/> | <input type="checkbox"/> | |