

SMART ESTIMATOR



PRICE IT USER GUIDE

Version: 2024.0



GLOBAL CONSTRUCTION
SOFTWARE AND SERVICES



Microsoft Partner

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Introduction

Thank you for choosing SMART Estimator.

SMART Estimator **Price IT** is a detailed, customisable, fast and powerful way to price large or small scaffolding projects.

Contract Number JS-0001-2023

Description Roof Access Block A

Applied Rates Standard

Customer Address St Peters Road, Reading, Berkshire, RG6 1NT

Site Address Rutherford, Appleton Laboratory, Harwell Campus, Ox11 0QX

COST ANALYSIS

Item	Item 1	Hire Period	4 weeks	Quantity	1
LABOUR £168.00					
OUTPUT PAY £168.00					
ERECT					
Independent 1	20.00	m of lift run	5.60	per metre	
ADAPTIONS					
Adapt Independent 1	0.00	adaptions	0.00	per adaption	
DISHANTLE					
Dismantle scaffold	50.00%	of the	£112.00	erect price	£56.00
GENERAL LABOUR £0.00					

The Item Pricing report lets you change the way a single scaffolding item is priced.

The Project Pricing report is a quick way to view and change the way all the scaffolding items are priced.

Contract Number 0002

Description Site 52, Market St

COST ANALYSIS

Description	Extra hire	Hire period	Labour cost	Material cost	Labour overhead	Material overhead	Profit	Discount	Quantity	Unit pre-tax price	Tendered price
1 Item 1	£40.00	4	£201.60	£54.53	£0.00	£0.00	£0.00	£0.00	1	£267.00	£267.00
2 Item 2	£40.00	4	£823.20	£390.65	£0.00	£0.00	£0.00	£0.00	1	£1,414.00	£1,414.00
3 Item 3	£41.00	4	£168.00	£54.45	£0.00	£0.00	£0.00	£0.00	1	£223.00	£223.00
4 Item 4	£41.00	4	£168.00	£54.45	£0.00	£0.00	£0.00	£0.00	1	£223.00	£223.00
5 Item 5	£41.00	4	£168.00	£54.45	£0.00	£0.00	£0.00	£0.00	1	£223.00	£223.00
6 Item 6	£41.00	4	£168.00	£54.45	£0.00	£0.00	£0.00	£0.00	1	£223.00	£223.00
7 Item 7	£41.00	4	£168.00	£54.45	£0.00	£0.00	£0.00	£0.00	1	£223.00	£223.00
8 Item 8	£41.00	4	£168.00	£54.45	£0.00	£0.00	£0.00	£0.00	1	£223.00	£223.00
£3,465.00											

The Cost Analysis Summary report is a visual summary of the whole quote.

Contract Number 0002

Description Site 52, Market St

COST ANALYSIS

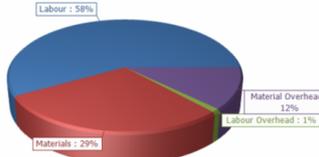
Item	Gross Price	Discount	Tender Price	Labour	Materials	Labour Overhead	Material Overhead	Profit	Others							
Item 1	£746.00	£0.00	0%	£746.00	£252.00	34%	£388.18	52%	£0.00	0%	£0.00	0%				
Item 2	£1,861.00	£0.00	0%	£1,861.00	£1,295.33	69%	£355.24	19%	£10.00	1%	£200.00	11%	£0.00	0%	£0.00	0%
Total	£2,607.00	£0.00	0%	£2,607.00	£1,547.33	59%	£743.42	29%	£15.00	1%	£300.00	12%	£0.00	0%	£0.00	0%

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Contract Number 0002

Description Site 52, Market St

COST ANALYSIS



COST SUMMARY

Contract Number: 0002
Description:

Item	Gross Price	Discount	Tender Price	Labour	Materials	Labour Overhead	Material Overhead	Profit	Others							
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Contract Number 0002

Description Site 52, Market St

COST ANALYSIS

Item	Gross Price	Discount	Tender Price
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Create a new project

Please see the **Getting Started Guide** for instructions on how to create a new project.

Calculating a price for the item

You can calculate the price for the current item using the Item Breakdown report.

When you first open the **Price IT** tab, this is the report which will be shown. If you have used the **Price IT** tab previously, the Project Pricing report may be shown instead. In this case, to access a detailed price breakdown for the current scaffold item, choose the **Preview Item Pricing** button.

The calculated price breakdown is presented as an intelligent, editable report.

Contract Number	JS-0001-2022				
Description	RoofAccess BlockA				
Applied Rates	Standard				
Customer Address	St Peters Road,Reading,Berkshire,RG6 1NT				
Site Address	Rutherford,Appleton Laboratory,Harwell Campus,OX11 0QX				
Item	Item 1	Hire Period	4 weeks	Quantity	1
LABOUR					£766.07
OUTPUT PAY					£766.07
ERECT					£510.71
Independent 1	91.198 m of lift run	@	£5.60 per metre		£510.71
ADAPTIONS					£0.00
Adapt Independent 1	0.000 adaptions	@	£0.00 per adaption		£0.00
DISMANTLE					£255.36
Dismantle scaffold	50.00%	of the	£510.71 erect price		£255.36
GENERAL LABOUR					£0.00
Carry in and carry out					£0.00
ADDITIONAL COSTS					£0.00
EXPENSES					£0.00
Travel expenses	3.00 workers:	10.21 paid days	@	£0.00 per day	£0.00
Travel time	3.00 workers:	10.21 paid days	@	£0.00 per day	£0.00
Labour downtime	3.00 workers:	10.21 paid days	@	£0.00 per day	£0.00
Labour expenses	0.00 hours	@	7.50 hrs per day	@	£0.00 per day
WAGE-ON COSTS					£0.00
Wage-on costs	0.00%	of the	£766.07 output pay		£0.00
MATERIALS					£218.12
MATERIAL HIRE					£218.12
Tubular components	1042.416 m	@	£30.7800 per week for	4 weeks	£123.12
Decking	564.49 m	@	£12.9640 per week for	4 weeks	£51.86
Fittings	876 items	@	£8.7600 per week for	4 weeks	£35.04
Other components	0.041 tonnes	@	£2.0260 per week for	4 weeks	£8.10
Progressive hire rate reduction	0.00%	of the	£123.12 tubular components		£0.00
Progressive hire rate reduction	0.00%	of the	£35.04 fittings		£0.00
CONTRACT EXPENSES					£0.00
Hire expenses					£0.00

Sections of the report

The report is divided in the following sections:

Contract Number	JS-0001-2023	COST ANALYSIS			
Description	RoofAccess BlockA	The Header			
Applied Rates	Standard				
Customer Address	St Peters Road, Reading, Berkshire, RG6 1NT				
Site Address	Rutherford, Appleton Laboratory, Harwell Campus, Ox11 0QX				
Item	Item 1	Hire Period	4 weeks	Quantity	1
LABOUR					
OUTPUT PAY					
ERECT					
Independent 1	20.000 m of lift run	@	£5.60 per metre		
ADAPTIONS					
Adapt Independent 1	0.000 adaptions	@	£0.00 per adaption		
DISMANTLE					
Dismantle scaffold	50.00% of the		£112.00 erect price		
GENERAL LABOUR					
Carry in and carry out					
ADDITIONAL COSTS					
EXPENSES					
Travel expenses	3.00 workers:	2.24 paid days	@	£0.00 per day	
Travel time	3.00 workers:	2.24 paid days	@	£0.00 per day	
Labour downtime	3.00 workers:	2.24 paid days	@	£0.00 per day	
Labour expenses	0.00 hours	@	7.50 hrs per day	@	£0.00 per day
WAGE-ON COSTS					
Wage-on costs	0.00% of the		£168.00	output pay	
MATERIALS					
MATERIAL HIRE					
£54.45 - X 100.00%					
Tubular components	231.038 m	@	£6.8220 per week for	4 weeks	
Decking	124.358 m	@	£2.8560 per week for	4 weeks	
Fittings	191 items	@	£1.9100 per week for	4 weeks	
Other components	0.041 tonnes	@	£2.0260 per week for	4 weeks	
Progressive hire rate reduction	0.00% of the		£27.29 tubular components		
Progressive hire rate reduction	0.00% of the		£7.64 fittings		
CONTRACT EXPENSES					
Hire expenses			£0.00 per week for	4 weeks	
Sale expenses					
Transport cost	1.97 tonnes	@	£0.00 per tonne		
MATERIAL PURCHASE					
£0.00 -					
DIRECT COST					
£222.45 -					
OTHER					
Design					
OVERHEADS					
Labour overhead	0.00% of the		£168.00	total labour cost	
Material overhead	0.00% of the		£54.45	material cost	
Output pay overhead	0.00% of the		£168.00	output pay	
TOTAL COST					
£0.00 -					
MARGINS					
PROFIT					
Profit margin	0.00% of the		£222.45	total cost	
Stock Losses (Labour)	0.00% of the		£168.00	output pay	
Stock Losses (Material)	0.00% of the		£54.45	material hire	
Overspend	0.00% of the		£168.00	output pay	
Material depreciation	0.00% of the		£54.45	material hire	
Material purchase mark-up	0.00% of the		£0.00	material purchase	
DISCOUNT					
Discount	0.00% of the		£222.45	total cost	
PRE-TAX TENDERED PRICE					
£223.00 - x 1 =					
MAIN CONTRACTOR DISCOUNT					
£223.00 - 0.00% = £223.00 -					
Excluding VAT					
TOTAL TENDERED PRICE					
£41.00 - x 1 =					
EXTRA HIRE PER WEEK					
£41.00 - x 1 =					
CHECK RATES					
£9.29 standards			£1.17 fittings		
£51.79 imperial squares			£5.58 m² of scaffold		
£11.15 m of lift run					

The Header

The Labour section

- ▶ **Output Pay:** The cost of the labour to erect, dismantle and adapt the scaffold; plus other expenses such as the carrying of materials.
- ▶ **Additional Costs:** Labour expenses such as the cost of travel and wage-on costs.

The Materials section

- ▶ **Material Hire:** The cost to hire materials.
- ▶ **Contract Expenses:** Expenses such as the cost of transporting materials.
- ▶ **Material Purchase:** The cost of purchasing materials.

The Other section: Other costs such as design.

The Overheads section: The cost of labour and material overheads, e.g. administrative costs.

The Margins section: The profit margin and other forms of contingency / profit for the job, excluding an optional customer discount.

Tendered Prices: The quantity, tax and other factors affecting the final price are calculated and shown here.

Check rates: You can check these to make sure that your price is not unusually high or low.

Changing values

Any of the figures presented in the shaded columns of the report can be modified to suit the circumstances of the job.

There are two types of editable box:

▶ **Normal**

The text on a blue shaded background represents values you can change. These values can be changed to suit the job, but they cannot be saved for future projects.

▶ **Settings**

The text on a green shaded background represents settings. These values can be used for the current item only, or alternatively, they can be saved and used for future projects and other items in this project.

Changing a setting

For example, the labour rate could be changed for a particular scaffold that can be erected more easily, or with more difficulty than normal:

Example

The example scaffold has 20.00 metres of lift run.

ERECT					£134.40
Independent 1	20.000	m of lift run	@	£5.60 per metre	£112.00

Any of the shaded values can be edited, so change the metres of lift run from 20.00 to 35.

ERECT					£162.40
Independent 1	25.000	m of lift run	@	£5.60 per metre	£140.00

The new value is highlighted red, to show that it has been modified. Now, we can change the pricing method to feet, without our 35-value changing:

ERECT					£162.40
Independent 1	25.000	ft of lift run	@	£5.60 per foot	£140.00

The first change, in the blue box, can only affect this scaffold, but we could save the second change (in the green box), so that all our independent scaffolds are priced by **ft of lift run**.

Saving a setting

When you change a setting, there are 3 ways to save it, which means that it is used for other scaffold items of the same type:

1. Click the advice panel. This appears at the top of the page.



You recently changed the Independent 1 setting. Click this panel to use these new settings (in the green boxes) for every item in this project.

- Click the “Use these settings for all Project Items” button (in the ribbon).



- Click the ‘P’ floating button. Hold the mouse over the setting you just changed. A ‘P’ button appears:



All other items of the same type will now use this setting. In the example above, all independent scaffolds would now be priced in feet of lift run.

Multiple Scaffolds

Some settings are repeated if there are multiple scaffolds in the item.

When you save a setting, only the first value will be used for that scaffold type’s setting.

Erect Independent 1	4.306	imperial squares	@	5.60	per hour	0.77 hours	£7.70
Erect ladder access tower	4.000	m of lift run	@	5.60	per hour	0.71 hours	£7.10
Erect Independent 2	19.000	m of lift run	@	5.60	per hour	3.39 hours	£33.90

Here, only the first value (“imperial squares”) will be saved for independent scaffolds.
Pressing to save this value will change the other independent to match.

Erect Independent 1	4.306	imperial squares	@	5.60	per hour	0.77 hours	£7.70
Erect ladder access tower	4.000	m of lift run	@	5.60	per hour	0.71 hours	£7.10
Erect Independent 2	4.090	imperial squares	@	5.60	per hour	0.73 hours	£7.30

Saving to My Rates / Shared Rates

All these settings can be stored in a special folder called “My Rates”. If you are connected to an **Enterprise Server**, the special folder is called “Shared Rates” and is shared by everyone on your network.

From the ribbon, you can use, save or delete from My Rates / Server Rates:



Why can’t I save these settings?

It is only possible to save settings once they have been used for all items in the Project. If the **Save to My Rates** button is missing, try pressing the **Use these Settings for all Project Items** button:



Setting up multiple rate sets

You can save multiple rates which can be used to generate prices for different customers, or even price using different methods (for example Banded and non-banded).

Create a 'Set-Up' Project

The best method for setting rates, using either **Model IT** or **Schedule IT**, is to create one of every different scaffold type. For example: independent, birdcage, staircase etc.

Then add every type of add-on that you use. For example, add hop-ups, bridges, safety lamps, sheeting, brick guards, cantilever brackets, etc.

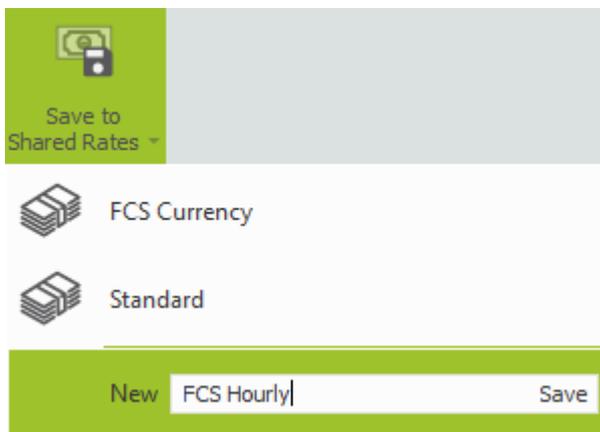
Once this has been done, switch to **Price IT**, and edit the rates to reflect your company pricing.

Now save your rates. We recommend that you name your saved rate set as a relevant name rather than just overwriting the "Standard" rate set.

To do this, select **Save to My Rates** (or **Save to Shared Rates**).



Now from the pull-down menu, type in the name of your new rate.



Finally, press **Save**.

Setting up banded rates

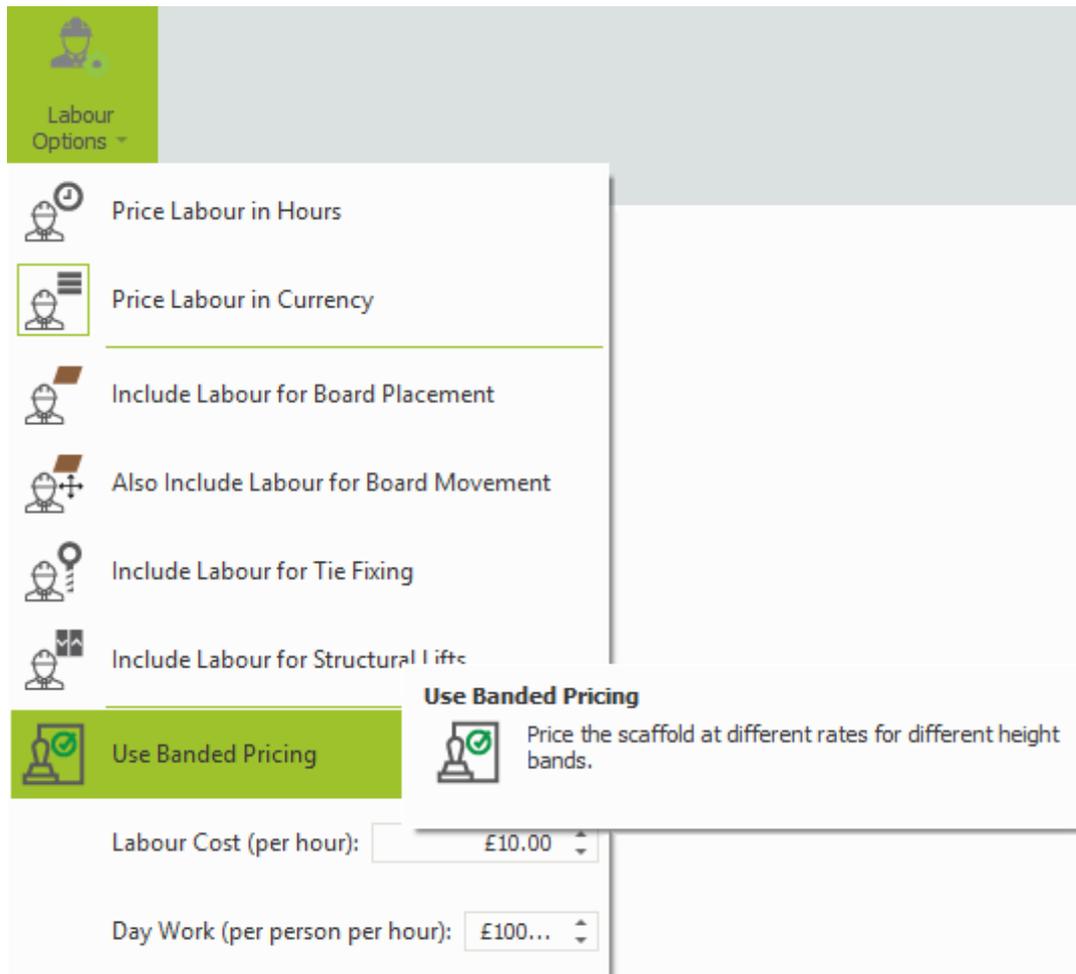
You can set up banded rates. This allows you to have a different rate for different heights of the scaffold.

The best method for setting these up is similar to the previous section.

First, using either **Model IT** or **Schedule IT**, generate one of every different scaffold type. For example independent, birdcage, staircase etc.

This time though, you need to make the scaffolds larger than the maximum height that you will price to. For instance, if you are going to price to 20 lifts then the scaffold might be 41 metres high.

Now under **Labour Options**, select **Use Banded Pricing**



The screenshot shows the 'Labour Options' menu with the following items:

- Price Labour in Hours
- Price Labour in Currency
- Include Labour for Board Placement
- Also Include Labour for Board Movement
- Include Labour for Tie Fixing
- Include Labour for Structural Lifts
- Use Banded Pricing** (highlighted)

The 'Use Banded Pricing' option is expanded to show a description: 'Price the scaffold at different rates for different height bands.' Below this, there are two input fields:

- Labour Cost (per hour): £10.00
- Day Work (per person per hour): £100...

You will see that the bands are now displayed in the price.

LABOUR							£2,520.75	▼
OUTPUT PAY							£2,520.75	▼
ERECT							£1,680.50	▼ +
Erect scaffold	to	2.00 m	10.000 m of lift run	▼	@	£4.80 per metre	£48.00	▼
Erect scaffold	to	4.00 m	10.000 m of lift run	▼	@	£4.80 per metre	£48.00	▼
Erect scaffold	to	6.00 m	10.000 m of lift run	▼	@	£4.95 per metre	£49.50	▼
Erect scaffold	to	8.00 m	10.000 m of lift run	▼	@	£4.95 per metre	£49.50	▼
Erect scaffold	to	10.00 m	10.000 m of lift run	▼	@	£6.00 per metre	£60.00	▼
Erect scaffold	to	12.00 m	10.000 m of lift run	▼	@	£6.00 per metre	£60.00	▼
Erect scaffold	to	14.00 m	10.000 m of lift run	▼	@	£7.35 per metre	£73.50	▼
Erect scaffold	to	16.00 m	10.000 m of lift run	▼	@	£7.35 per metre	£73.50	▼
Erect scaffold	to	18.00 m	10.000 m of lift run	▼	@	£8.95 per metre	£89.50	▼
Erect scaffold	to	20.00 m	10.000 m of lift run	▼	@	£8.95 per metre	£89.50	▼
Erect scaffold	to	22.00 m	10.000 m of lift run	▼	@	£9.45 per metre	£94.50	▼
Erect scaffold	to	24.00 m	10.000 m of lift run	▼	@	£9.45 per metre	£94.50	▼
Erect scaffold	to	26.00 m	10.000 m of lift run	▼	@	£9.45 per metre	£94.50	▼
Erect scaffold	to	28.00 m	10.000 m of lift run	▼	@	£9.45 per metre	£94.50	▼
Erect scaffold	to	30.00 m	10.000 m of lift run	▼	@	£9.45 per metre	£94.50	▼
Erect scaffold	to	32.00 m	10.000 m of lift run	▼	@	£9.45 per metre	£94.50	▼
Erect scaffold	to	34.00 m	10.000 m of lift run	▼	@	£9.45 per metre	£94.50	▼
Erect scaffold	to	36.00 m	10.000 m of lift run	▼	@	£9.45 per metre	£94.50	▼
Erect scaffold	to	38.00 m	10.000 m of lift run	▼	@	£9.45 per metre	£94.50	▼
Erect scaffold	to	over 38.0 m	20.000 m of lift run	▼	@	£9.45 per metre	£189.00	▼

To set the bands, simply type in the heights required.

LABOUR							£2,119.50	▼
OUTPUT PAY							£2,119.50	▼
ERECT							£1,413.00	▼ +
Erect scaffold	to	3.00 m	20.000 m of lift run	▼	@	£4.80 per metre	£96.00	▼
Erect scaffold	to	6.00 m	10.000 m of lift run	▼	@	£4.80 per metre	£48.00	▼
Erect scaffold	to	10.00 m	20.000 m of lift run	▼	@	£4.95 per metre	£99.00	▼
Erect scaffold	to	14.00 m	20.000 m of lift run	▼	@	£4.95 per metre	£99.00	▼
Erect scaffold	to	18.00 m	20.000 m of lift run	▼	@	£6.00 per metre	£120.00	▼
Erect scaffold	to	22.00 m	20.000 m of lift run	▼	@	£6.00 per metre	£120.00	▼
Erect scaffold	to	25.00 m	20.000 m of lift run	▼	@	£7.35 per metre	£147.00	▼
Erect scaffold	to	30.00 m	20.000 m of lift run	▼	@	£7.35 per metre	£147.00	▼
Erect scaffold	to	45.00 m	60.000 m of lift run	▼	@	£8.95 per metre	£537.00	▼

Now a rate can simply be assigned to each band.

LABOUR							£6,225.00	▼
OUTPUT PAY							£6,225.00	▼
ERECT							£4,150.00	▼ +
Erect scaffold	to	3.00 m	20.000 m of lift run	▼	@	£18.00 per metre	£360.00	▼
Erect scaffold	to	6.00 m	10.000 m of lift run	▼	@	£12.00 per metre	£120.00	▼
Erect scaffold	to	10.00 m	20.000 m of lift run	▼	@	£15.00 per metre	£300.00	▼
Erect scaffold	to	14.00 m	20.000 m of lift run	▼	@	£16.00 per metre	£320.00	▼
Erect scaffold	to	18.00 m	20.000 m of lift run	▼	@	£17.00 per metre	£340.00	▼
Erect scaffold	to	22.00 m	20.000 m of lift run	▼	@	£18.00 per metre	£360.00	▼
Erect scaffold	to	25.00 m	20.000 m of lift run	▼	@	£20.00 per metre	£400.00	▼
Erect scaffold	to	30.00 m	20.000 m of lift run	▼	@	£22.50 per metre	£450.00	▼
Erect scaffold	to	45.00 m	60.000 m of lift run	▼	@	£25.00 per metre	£1,500.00	▼

This can also be done for ties, board movements and netting/sheeting.

Once the Bands and Rates are set, apply the project settings by pressing **Use these Settings for all Project Items**.



Then save back to your rates. To do this, select **Save to My Rates** (or **Save to Shared Rates**).

Now from the pull-down menu, type in the name of your new rate and press **Save**.

 Save to Shared Rates ▼


FCS Currency


FCS Hourly


Standard

New
Save

From now on when these rates are used, **Price IT** will price the band according to the height of the scaffold. So for instance, if only 6 lifts are required, only the relevant bands are shown.

LABOUR							£1,650.00	▼
OUTPUT PAY							£1,650.00	▼
ERECT							£1,100.00	▼ +
Erect scaffold	to	3.00 m	20.000 m of lift run	▼	@	£18.00 per metre	£360.00	▼
Erect scaffold	to	6.00 m	10.000 m of lift run	▼	@	£12.00 per metre	£120.00	▼
Erect scaffold	to	10.00 m	20.000 m of lift run	▼	@	£15.00 per metre	£300.00	▼
Erect scaffold	to	14.00 m	20.000 m of lift run	▼	@	£16.00 per metre	£320.00	▼

Calculate a price for the project

You can also calculate the price for the whole project using the Project Summary report.

When you first open the **Price IT** tab, the item pricing report is shown instead. To access the project summary report, press the **Show Project Summary** button.

You can edit the most common price settings for the whole project from here.

Sections of the report

The report is divided up in to the following sections:

Contract Number 0002											COST ANALYSIS
Description Site 52, Market St.											
Description	Extra hire	Hire period	Labour cost	Material cost	Labour overhead	Material overhead	Profit	Discount	Quantity	Tendered price	
Change values here to change all rows											
The All Items row: Use this row to set a single value for all items (all rows).											
1 Item 1	£1,122.00										
2 Item 2	£443.00	4								£223.00	
3 Item 3	£41.00	4	£168.00	£54.45	£0.00	£0.00	£0.00	£0.00	1	£223.00	
4 Item 4	£41.00	4	£168.00	£54.45	£0.00	£0.00	£0.00	£0.00	1	£223.00	
5 Item 5	£41.00	4			£0.00	£0.00	£0.00	£0.00	1	£223.00	
6 Item 6	£41.00	4			£0.00	£0.00	£0.00	£0.00	1	£223.00	
7 Item 7	£41.00	4	£168.00	£54.45	£0.00	£0.00	£0.00	£0.00	1	£223.00	
8 Item 8	£41.00	4	£168.00	£54.45	£0.00	£0.00	£0.00	£0.00	1	£223.00	
8	£1,811.00	4	£4,162.37	£2,308.20	£0.00	£0.00	£0.00	£0.00	1	£6,475.00	
CHECK RATES											
£12.08 standards		£1.83 fittings		£94.21 imperial squares		£10.14 m ² of scaffold		£18.86 m of lift run			

Changing values

Click on any box in the table and change the value. This will change it on the Item Pricing report for that item as well. This will normally change the final price.

Changing multiple items at once

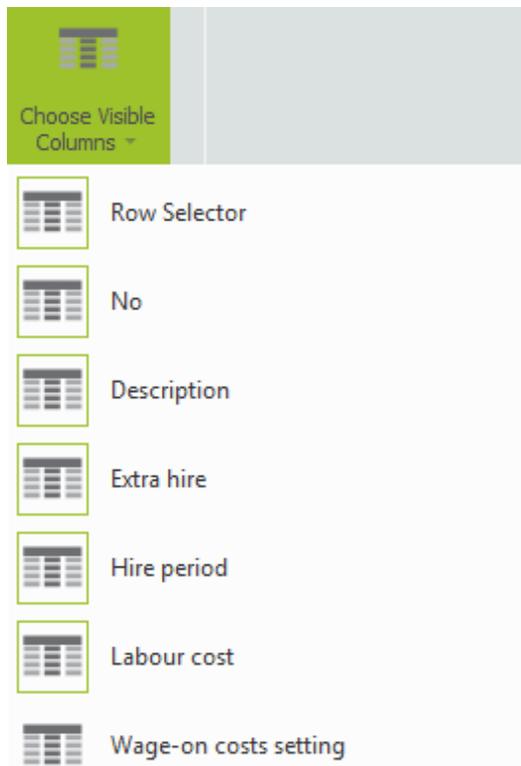
You can easily set a single value to be used by every item in the project. Just click in the **All Items row**. Before you select it, the **All Items row** has the following text: "Use this row to change for all items".

Type your new value and leave the box by clicking anywhere else. Your value will now be used for every row in the table.

Material cost	Labour overhead	Material overhead	Profit	Discount
Change values here to change all rows				

Changing the columns shown on the project pricing report

You can change the columns shown on this report using the **Choose Visible Columns** drop-down menu.



Simply select the columns you want to see.

Printing the pricing reports

A new toolbar is displayed while previewing either of the reports:



Feature	Description
Warning Log	This icon appears if any errors, warnings, or information messages apply to the calculated materials for any item. For example, a message may be raised to inform you if tube-and-fitting bracing is required to accommodate a bay length for which a standard bracing component is not available.
Print Preview	Press this to close the print preview and return to editing.
Print	Prints the report, providing options to select the required printer and paper options.
Quick Print	Prints the report to the default printer.
Page Setup	Allows you to choose the paper size, margins, and orientation: portrait or landscape.
Navigation	Provides options to move back and forth through the pages of the report.
Zoom	Zooms the report to allow you to see it in detail or to view multiple pages.
Page Colour	Allows you to specify the background colour to use while printing, for example if your company uses a coloured background on its stationery.
Watermark	Allows you to add a text or image watermark to the report. You might use this to show your company logo on the reports.
Export to	Allows you to export the report to an Adobe PDF, Microsoft Word document or Microsoft Excel spreadsheet.
Email as	Allows you to create an email with the drawings or material list attached as an Adobe PDF, Microsoft Word, or Microsoft Excel file.

To close the preview and return, just press the **Print Preview** button again.

Printing the cost analysis report

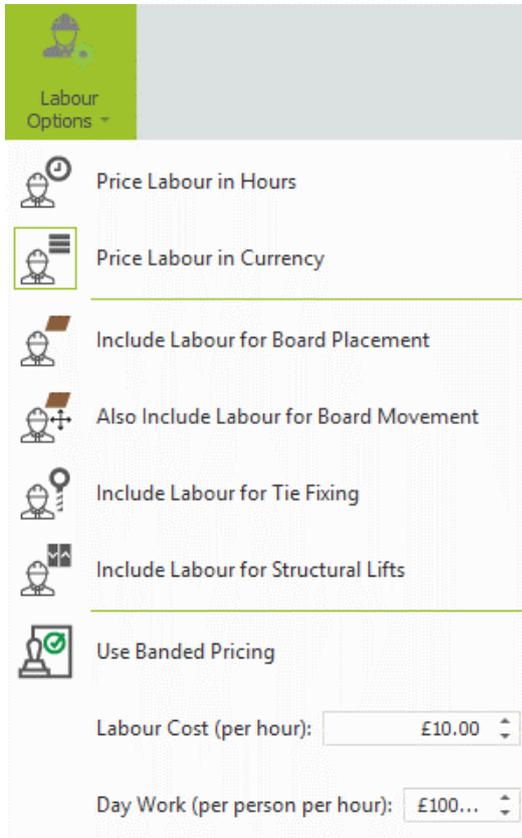
You can use the **Cost Analysis Summary Report** button to show a pie chart summary report for the project.



 Note that the **Cost Analysis Summary Report** print preview is a pie chart with fixed, set columns. Showing or hiding columns does not change the columns shown on this report.

Set labour options

It is possible to change the way that labour is priced. To do this, select the **Labour Options** menu:



The screenshot shows the 'Labour Options' menu with the following items:

- Price Labour in Hours
- Price Labour in Currency
- Include Labour for Board Placement
- Also Include Labour for Board Movement
- Include Labour for Tie Fixing
- Include Labour for Structural Lifts
- Use Banded Pricing

Below the menu items, there are two input fields:

- Labour Cost (per hour): £10.00
- Day Work (per person per hour): £100...

Set the labour to be priced as a flat rate (currency) or as hours of work, multiplied by the **Labour Cost (per hour)**.

Include pricing lines for:

- ▶ Placing boards
- ▶ Moving boards
- ▶ Fixing ties

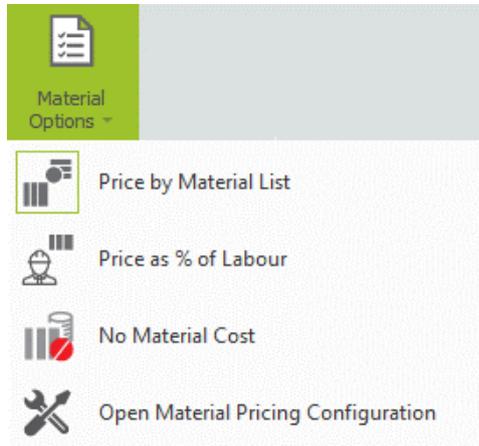
Separate lifts set as working or unboarded from those set as structural when pricing the labour to erect the scaffolding.

Set the **Labour Cost (per hour)**, which is used when the **Price Labour in Hours** option is set.

Day Work can be shown in the quotation.

Set material options

It is possible to change the way that materials are priced. To do this, select the **Material Options** menu:



▶ **Price by Material List**

This gives a detailed set of prices based on your pricing settings for every component.

While this option is set, the final button, **Open Material Pricing Configuration** is available, jumping to the view where each component's pricing settings are selected.

▶ **Price as % of Labour**

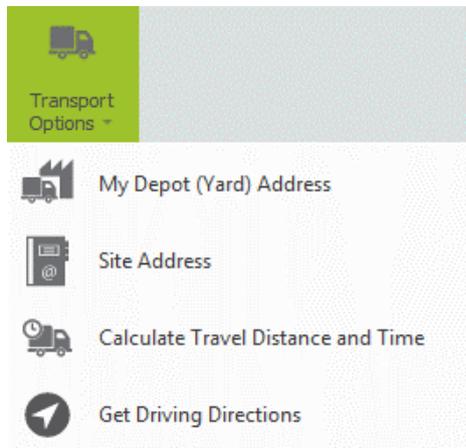
Price the materials based on a simple percentage of the labour.

▶ **No Material Cost**

Materials are not priced separately. They are included in the labour calculations.

Set transport options

It is possible to change the way that transport is priced. To do this, select the **Transport Options** menu:



▶ **My Depot (Yard) Address**

Use this option to set the location of your yard. This location will be used to calculate the distance and time to travel to a site.

▶ **Site Address**

Use this option to set the location of the site. This location will be used to calculate the distance and time to travel to or from your yard.

▶ **Calculate Travel Distance and Time**

Forces the distance and time to be recalculated immediately. This requires an internet connection.

▶ **Get Driving Directions**

Opens a Google Maps © webpage showing driving directions from your depot (yard) address to the site address.

Labour pricing methods explained

For each scaffold type, the following labour pricing rates are available, and appear in the **Labour** section of the item pricing report:

Independent 1	91.198	m of lift run	@
Birdcage 1	72.000	m of lift run	
Circular tank 1	82.206	ft of lift run	
Ladder tower 1	12.000	imperial squares	
Loading bay 1	12.000	fittings	
Buttress 1	4.000	standards	
Stair Tower 1	9.150	lifts	
Independent 1	10.125	m ² of scaffold	
Free standing tower 1	4.000	ft ² of scaffold	
		m of tube	
		ft of tube	

Method	Description
m of lift run	The sum of the <i>Length</i> of each lift, in metres.  This method is not recommended for scaffolds where the <i>Width</i> is an important, changing factor, such as birdcages.
ft of lift run	As above, but measured in feet.
imperial squares	The <i>Length</i> x <i>Height</i> (to the top lift) measured in 100' x 100' squares.  This method is not recommended for scaffolds where the <i>Width</i> is an important, changing factor, such as birdcages.
fittings	The number of fittings (clamps) in the scaffold from the material list.
standards	The number of standard positions x the number of lifts.
lifts	The number of lifts.
m ² of scaffold	The <i>Length</i> x <i>Height</i> (to the top lift) measured in 1m x 1m squares.  This method is not recommended for scaffolds where the <i>Width</i> is an important, changing factor, such as birdcages.
ft ² of scaffold	As above, but measured in 1' x 1' squares.
m of tube	The length of all tubular components in the material list, measured in metres.
ft of tube	As above, but measured in feet.
components	The number of components for that scaffold in the material list.
m of beam	Temporary roof: total metres of roof beams.
ft of beam	As above, but measured in feet.
m ² of roof plan	Temporary roof: The plan area of the roof, i.e. close to <i>Length</i> x <i>Width</i> , but higher to account for the slope.
ft ² of roof plan	As above, but measured in 1' x 1' squares.

kgs of material	The total weight of components for that scaffold in the material list, measured in kilograms.
lbs of material	As above, but measured in pounds.
tonnes of material	As above, but measured in (metric) tonnes.
tons of material	As above, but measured in (imperial) tons.
m ² of lift area	The total plan area of every bay on every lift, whether boarded or unboarded, measured in 1m x 1m squares.
ft ² of lift area	As above, but measured in 1' x 1' squares.
cubic metres	The total volume of the scaffold, measured in 1m x 1m x 1m cubes.
cubic feet	As above, but measured in 1' x 1' x 1' cubes.
rising metres	<p>The <i>Height</i> measured from the ground to the top of the highest guardrail, measured in metres.</p> <div style="border: 1px solid gray; padding: 5px; display: flex; align-items: center;">  <p>This method is not recommended for scaffolds where the <i>Width</i> or <i>Length</i> are important, changing factors, such as independents and birdcages.</p> </div>
rising feet	As above, but measured in feet.
component minutes	The sum total of the <i>Labour Time</i> associated with each component of the scaffold. (This can be set through the <i>Configuration</i> .)
beams	Temporary roof: Total beam units in the roof material list.

Using the other SMART Estimator products

The best way to use the SMART Estimator products is to use them together. Every product is designed to enhance the rest of the suite.

SMART Estimator **Price IT** can be used with the rest of the SMART Estimator products:

Model IT

SMART Estimator **Model IT** is a powerful 3D modelling tool. Use it to create scaffolds to exactly meet your project-specific needs. These 3D models also have automatic material calculations which are used in the materials section of the item pricing report.

Schedule IT

As a rapid way of creating large, multi-scaffold projects, **Schedule IT** can be used to rapidly create projects which **Price IT** can use for the pricing reports.

Report IT

Check and customise the material lists for your project, which are used by the materials section of the item pricing reports. You can also produce technical drawings, using the drawings reports.

Quote IT

Generate quotations for the project. Details of the items and pricing within the project are automatically shown in the customisable quotations.

BIM Toolbox

Create scaffolds more quickly, using information from an existing model, or export data from SMART Estimator to be used in other design software.



For more information about the other SMART Estimator products, please refer to their user guides, which are available from the Help tab.

Feedback

Thank you for choosing SMART Estimator.

We are always striving to improve the product so please contact us with your feedback. We are always keen to hear new ideas and if you experience any problems with the software we want to hear about them so that they can be resolved.



You can contact us via:

- ▶ Our website support centre at www.smartscaffolder.com/support.html;
- ▶ Email on support@smartscaffolder.com;
- ▶ Telephone on +44 (0)1202 603733 from Monday to Friday between 09:30 and 17:00.