

# Costing Timber

You require a prepared cutting list showing all dimensions, quantities and material types.

The materials need to be costed with up to date prices. These should be obtained from your supplier or for the purposes of instruction, from your assessor.

The costs of the materials in the wood trades for softwoods is usually quoted in Pounds per cubic metre. Although you may well come across other methods such as Linear Rates, for the purposes of this exercise you should use Cubic Metres which is the recommended Construction Industry technique and the method you should use to quote when tendering for Sub-Contract work.

Method: Only use one material type at a time ie Softwoods then Hardwoods and if you have any boarding, list these last.

List the members by item Number, Description and 'No off' (each) in columns (a), (b) and (c), leaving a good space between differing materials or differing Costs per Cu Metre (col h).

In Columns (d), (e) and (f) enter the dimensions but you must make sure that you use the measurement expressed in metres and not

| Costing Sheet    |     |  |     |       |      |     |            |           |            |
|------------------|-----|--|-----|-------|------|-----|------------|-----------|------------|
| Title:           |     |  |     |       |      |     |            |           |            |
| Item Description |     | Dimensions in Sawn sizes expressed as parts of a Metre |     |       |      |     | Total Cu M | Cost Cu M | Total Cost |
|                  |     | No off   | thk | width | lgth |     |            |           |            |
| (a)              | (b) | (c)  | (d) | (e)   | (f)  | (g) | (h)        | (i)       |            |
| <b>1</b>         |     |  |     |       |      |     | Notes      |           |            |
| <b>2</b>         |     |  |     |       |      |     |            |           |            |
| <b>3</b>         |     |  |     |       |      |     |            |           |            |
| <b>4</b>         |     |  |     |       |      |     |            |           |            |
| <b>5</b>         |     |  |     |       |      |     |            |           |            |
| <b>6</b>         |     |  |     |       |      |     |            |           |            |
| <b>7</b>         |     |  |     |       |      |     |            |           |            |
| <b>8</b>         |     |  |     |       |      |     |            |           |            |
| <b>9</b>         |     |  |     |       |      |     |            |           |            |
| <b>10</b>        |     |  |     |       |      |     |            |           |            |
| <b>11</b>        |     |  |     |       |      |     |            |           |            |
| <b>12</b>        |     |  |     |       |      |     |            |           |            |
| <b>13</b>        |     |  |     |       |      |     |            |           |            |
| <b>14</b>        |     |  |     |       |      |     |            |           |            |

mm. To do this simply divide the amount in mm by 1000 or move the decimal point 3 places to the left ie 25 mm becomes .025 Metres or more correctly 0.025 M.

Each line may then be calculated by multiplying together columns (c), (d), (e) and (f). This will give the amount of cu M of each set of members. There is no need to cost each line. This should be done only for each material of the same cost rate.

You can then total the Cu M and enter this amount on the last line of each material type or price rate and enter the Total in column (g).

You will normally add an amount of timber to the total to allow for wastage and fitting. The amount differs from company to company and reflects the amount wasted in cutting out and to cover selection of timber to avoid defects etc. It is not profit. Profit is added elsewhere in the tender document. For the purposes of this assessment, you may add 10% to cover 'wastage and fitting'. Enter this as a separate line and, take 10% of the total Cu M (col (g)) and enter against col (g).

To obtain the Total Cost, simply multiply Cost Cu M (col(h)) by Total Cu M (col(g)) and enter the amount in Total Cost in col (i). This is repeated for each material type of price rate and the grand totals entered in col (i) on the last line. VAT is not normally requested on Sub-Contracts however, you may need to show this for domestic purposes.