

ESTIMATOR II

SUB-CONTRACT VETTING SYSTEM

The following represents the 'Sub-Contract Vetting System' module that has been developed for 'THE ESTIMATOR II' software package.

It illustrates the steps involved, once the Bill of Quantities has been entered into the estimate, for coding the Estimate, calling of quotations, and incorporating the successful quotations into the system so that the **Bid Summary** can be printed.

STEP 1: Enter the list of Sub-contract Packages

This list comprises two columns of information; a four character 'Cost Category' code starting with 'SC', and a 45 character 'Description'.

e.g	SCDM	Demolisher
	SCCS	Concrete Supply
	SCCP	Concrete Place
	.	.
	.	.
	.	.

STEP 2: Price/Code the B of Q in the Estimate

Each B of Q item in the Estimate is priced by either:

1. Entering a rate against the B of Q item where this item will be carried out by one Sub-contractor. The Sub-contract package code is entered into the 'CC' field on the same line as the 'Unit of Measure' for item

OR

2. Entering cost items under the B of Q item, one for each Sub-contract involved. Each cost item will have a Sub-contract package code entered into the 'CC' field on the same line as the 'Unit of Measure' for cost item.

e.g.

RC	BQREF	CC	DESCRIPTION	Unit	Qty	Rate	Cost
	2/12B	SCEL	15 Mpa concrete filling to electrical pit	m3	5	250.00	1250
	2/15C		32 Mpa concrete in suspended slabs	m3	200		
CO32		SCCS	Concrete supply S/C	m3	200	110.00	22000
COPL		SCCP	Concrete place S/C >200m3 x 30\$	\$	6000	1.00	6000
	2/15D		32 Mpa concrete in attached beams	m3	50		
CO32		SCCS	Concrete supply S/C	m3	50	110.00	5500
COPL		SCCP	Concrete place S/C >50m3 x 35\$	\$	1750	1.00	1750

STEP 3: Generate Sub-Contract Comparison Sheets

This step generates one Sub-contract Comparison Sheet for each Sub-Contract listed in **Step 1** above.

Each sheet is a spreadsheet containing the following columns:

BQREF:	All B of Q items containing this Sub-contract Cost Category Code
DESCRIPTION:	}
UNIT:	}
QTY:	} These items come directly from the Estimate
RATE:	}
COST:	}
RATE1:	Rate entry for Sub-contractor #1
COST1:	Cost entry for Sub-contractor #1
RATE2:	Rate entry for Sub-contractor #2
COST2:	Cost entry for Sub-contractor #2
.	
RATE6:	Rate entry for Sub-contractor #6
COST6:	Cost entry for Sub-contractor #6

STEP 4: Generate Sub-Contract Quotation Request B of Q's

The program automatically generates a properly formatted Bill of Quantities for each of the Sub-contract packages.

These printouts are then sent out to each of the Sub-contractors for pricing.

STEP 5: Enter the Priced Quotations into the Sub-Contract Comparison Sheets

Each set of quotations is entered into the Rate/Cost columns for each of the Sub-contractors 1 to 6. If the RATE is entered, then the COST is automatically calculated; if the COST is entered, then the RATE is calculated.

Facilities are available to:

- Enter lump sums for many items
- Delete items
- Add items
- Function keys to insert the estimate allowance for unpriced items

STEP 6: Choose the successful Sub-Contract for each Comparison Sheet

After flagging the successful Sub-contractor, Estimator II then knows how much to markup or markdown all the items in your estimate for this Sub-contract (through the 'CC' (Cost Category) code).

STEP 7: Print Bid Summary

Printing the Estimate WITH MARKUPS included reworks and represents all rates and costs pro-rata according to the 'YOUR ESTIMATE/SUB-CONTRACT QUOTE' relationship.

STEP 8: Print Bid Bill of Quantities (if required)

As with step 7 above, printing the Bid Bill will automatically generate the rated Bill of Quantities with your allowances adjusted to agree with the successful Sub-contractor quotations.