

## **Section 19 - Alternative Tenders**

This utility allows the estimator to carry out all the pricing in one job, which is referred to as the parent job, and to maintain up to 8 alternative jobs, in which different estimating alternatives may be considered by only including those bill items that are relevant to each alternative.

This section of the Candy manual contains the following topics:

- Define alternative names - Sheet 19.01
- Allocate alternative codes - Sheet 19.02
- Set up alternative jobs - Sheet 19.03 to 19.04
- Update alternative jobs - Sheet 19.05





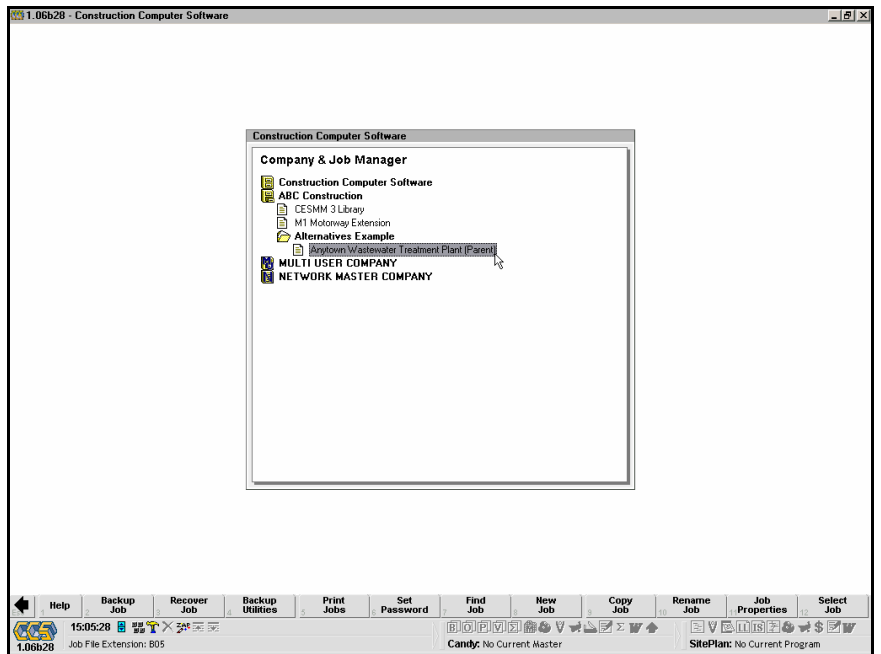
## Define Alternative Names

Up to 8 alternative jobs may be defined for future updating from the parent job.

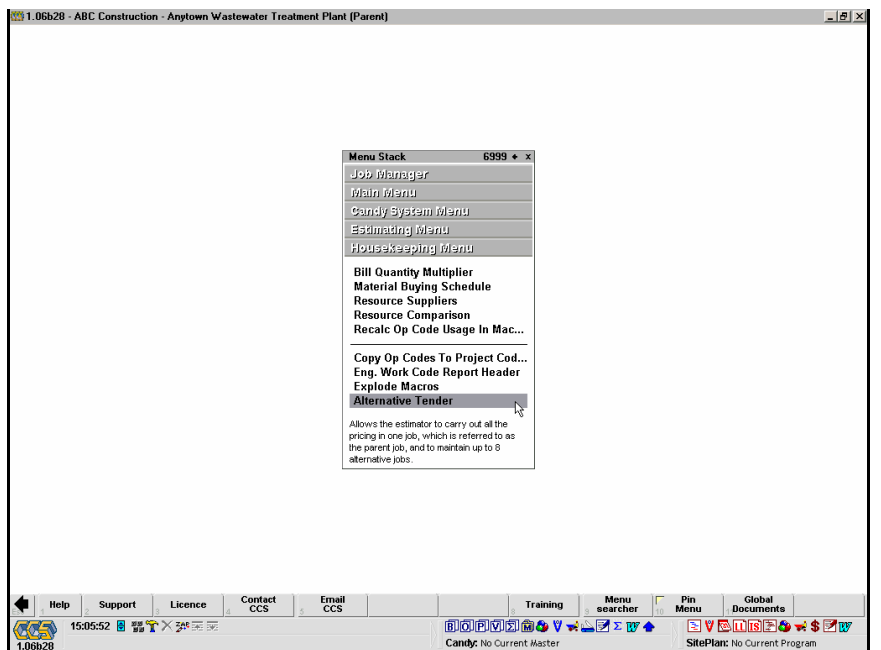
From the **Company & Job Manager** select the required parent job.

*Note: All pricing, marking up etc, should be carried out in the parent job, and used to update the alternative jobs as often as is required.*

A parent job is a normal Candy job in all other respects, and any existing job may be declared a parent at any time.



From the **CCS Menu** follow the path **Candy System** to **Estimating** to **Housekeeping** and select **Alternative Tender**.

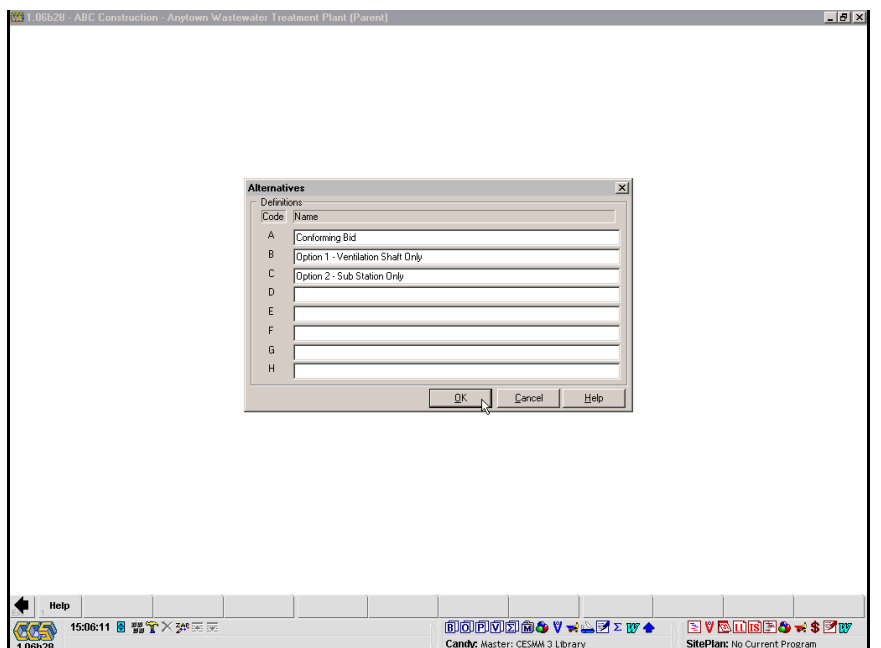


The alternative definitions document is displayed. Up to 8 alternative names may be entered against an alternative code (A to H).

Enter the required names and use the **OK** button to save the information or use the **Cancel** button to abort the change.

*Note: Once an alternative has been defined on this document, it may not be removed as it might have factors and alternative jobs may refer to it.*

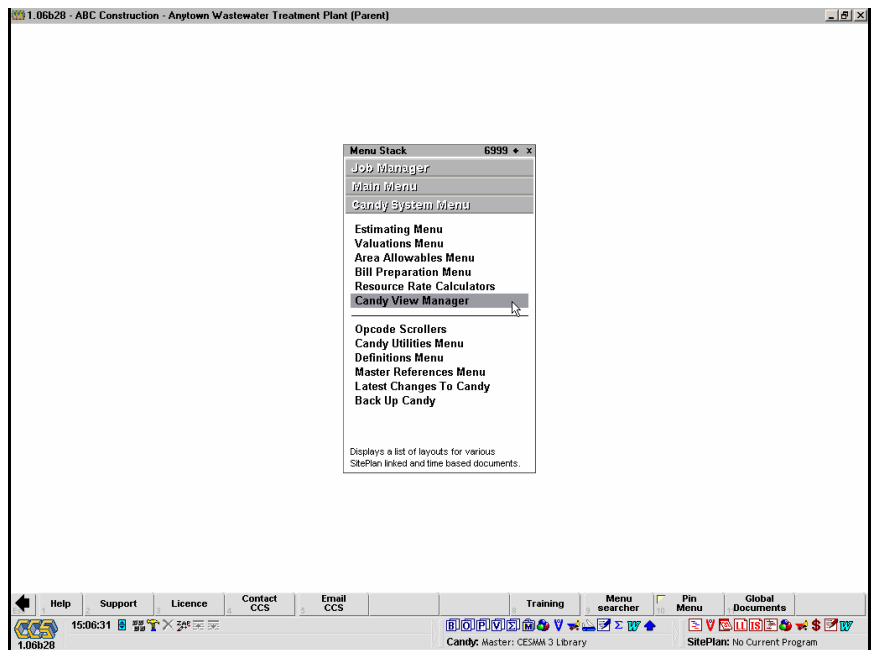
The definition of at least one alternative name declares the current job as a parent job.



## Allocate Alternative Codes

Alternative factors may be allocated on a user defined bill document, using the Candy view manager.

From the **CCS Menu** follow the path to **Candy System** and select **Candy View Manager**.




The View Manager is displayed.

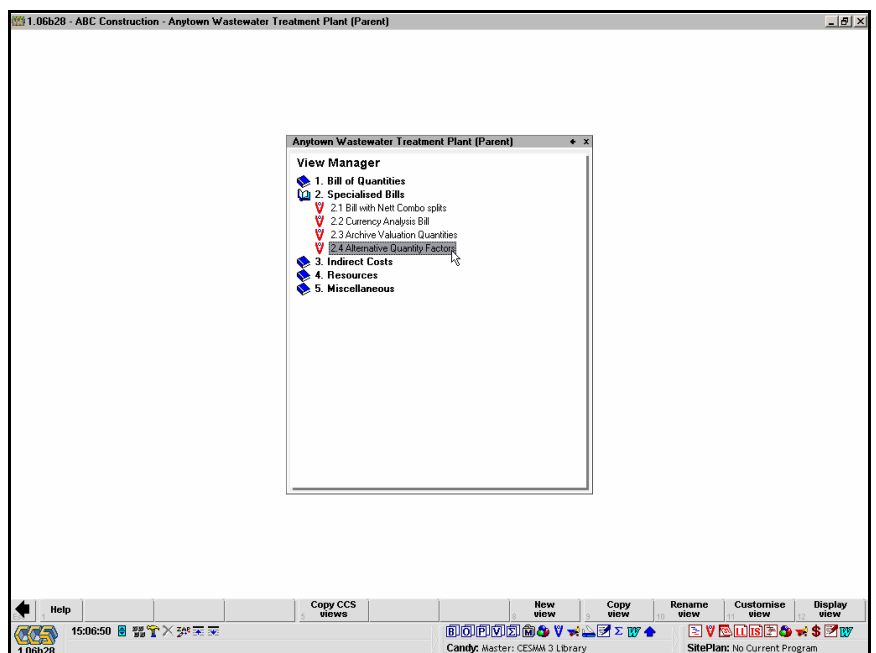
The closed books represent groups of views, and may be opened or closed by Double Clicking on the book symbols, or by using Ctrl+Down/Up-arrow.

There may already be some views set up on your computer, some of which are loaded with a new system installation.

There are some Specialised Bills layouts set up already - these are the default layouts, which are installed with the CCS System.

Select an appropriate bill layout with the **Alternative Codes** column included.

*Note: Refer to **Candy Manual Section 7 – Scrollers & View Manager** for more information about **View Manager**. The view manager may also be called up by using the  button on the Candy toolbar.*



Columns for alternatives A to H are displayed, depending on which have been used on the alternative definitions document.

Factors can now be allocated in the appropriate alternative code column.

The default allocation is a blank, which implies a factor of 1. A zero must be specifically entered in order to exclude an item from a particular alternative. Factors in the range 0.001 to 9999 are allowed.

*Note: Factors are used to multiply the billed quantity in the parent job when setting up an alternative, or updating an alternative.*

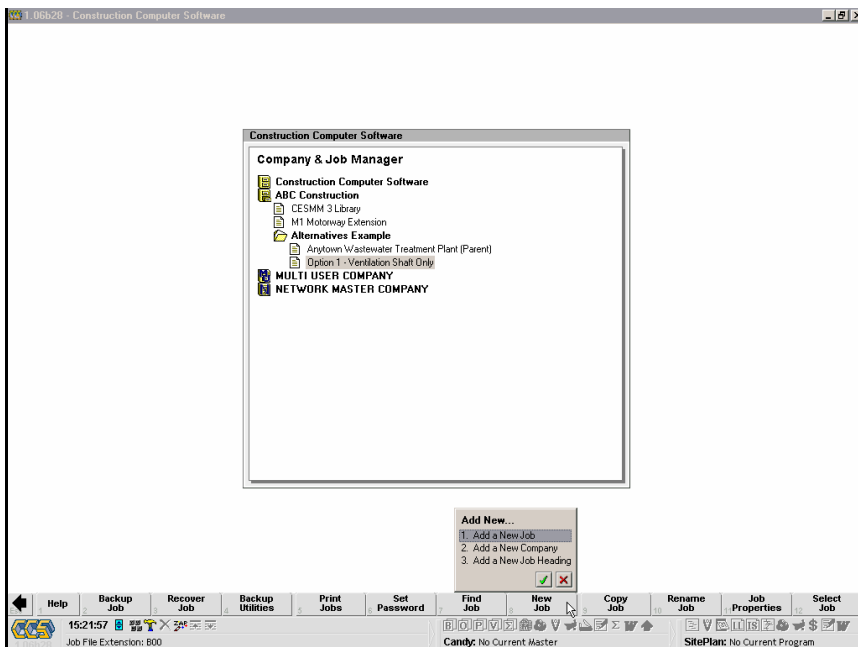
1.06b28 - ABC Construction - Anytown Wastewater Treatment Plant (Parent)							
2.4 Alternative Quantity Factors							
Page/item	Op Code	Description	Unit	Billed Quantity	Alternatives		
					A	B	C
1	*SECT1	SECTION 1: GENERAL					
1	*aF	PRELIMINARIES - FIXED CHARGES					
1/A	A810	Contractor's establishment	Item	1			
1/B	A9121	Services	Item	1			
1	*aV	PRELIMINARIES - VALUE RELATED CHARGES					
1/C	A310	Contractual requirements	Item	1			
1/D	A810a	Contractor's establishment	Item	1			
1	*aT	PRELIMINARIES - TIME RELATED CHARGES					
1/E	A810b	Contractor's establishment	Item	1			
1/F	A9121b	Services	Item	1			
2	*COLL1	COLLECTION OF SECTION 1					
3	*SECT2	SECTION 2: VENTILATION SHAFT					
3	*SCH11	SCHEDULE NO. 1: FAN FOUNDATION					
3	*E	EARTHWORKS					
3/A	E1133	Clear and strip site	m2	5,400			0
3/B	E20021	Excavate in bulk, Class A material and dispose within 2km freehaul distance	m3	10,800			0
3/C	E42111	Excavation in foundations ne 2m deep	m3	1,125			0
3/D	E52003	Excavate for working space in Class A material and backfill and compact to 95% mod. MSHTD.	m3	600		1.5	0
3/E	9E30013	Excavate in class A material for trenches and use for backfill, compact, and dispose of surplus material	m3	390			0
3/F	E603	Extra over all excavations in Class A material for Class B material	m3	315			0
3/G	E82245	Filling under floors and around foundations in layers of 150mm, compacted to 95% mod. MSHTD	m3	11,520			0

## Set Up a New Alternative Job.

On the **Company & Job Manager** use the  softkey.

Select the option **Add A New Job** and use the  button.

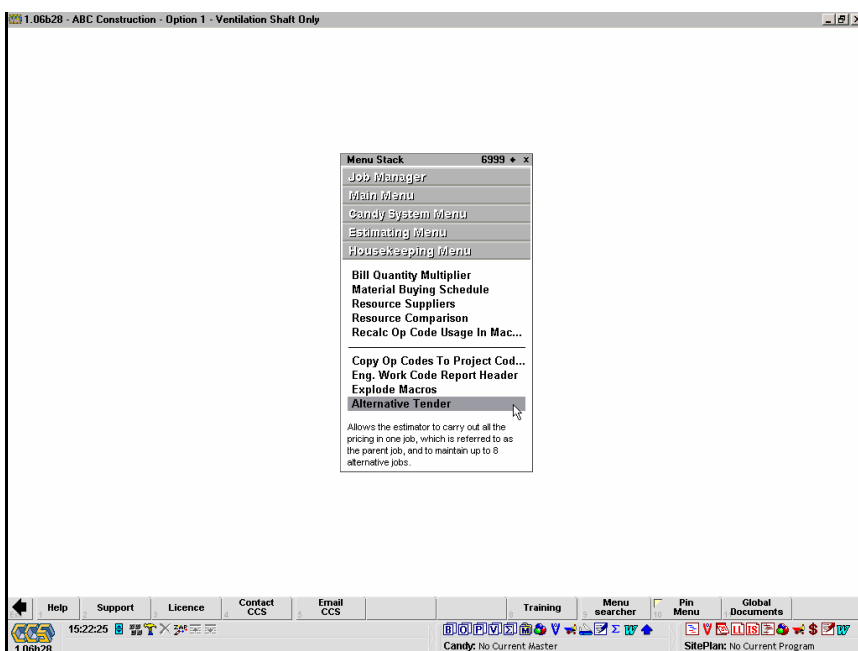
A new entry is created on the company and job manager with the name "New Job", which may be edited as required.




Select the new job to display the main menu.

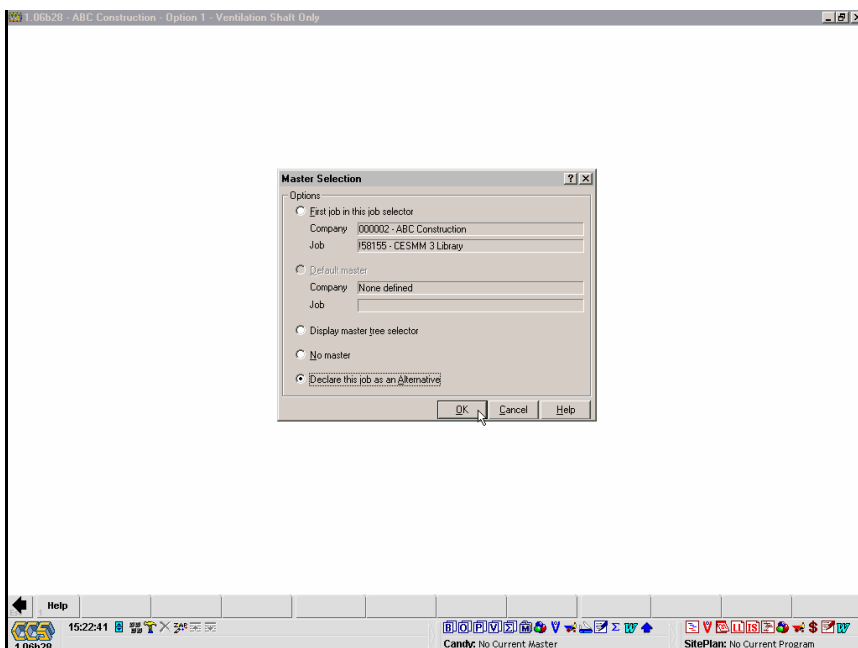
From the **CCS Menu** follow the path **Candy System** to **Estimating** to **Housekeeping** and select **Alternative Tender**.

*Note: This is only a suggested route, in fact any attempt to access any Candy document initiates the setting up of a new job.*



The master selection selector is displayed.

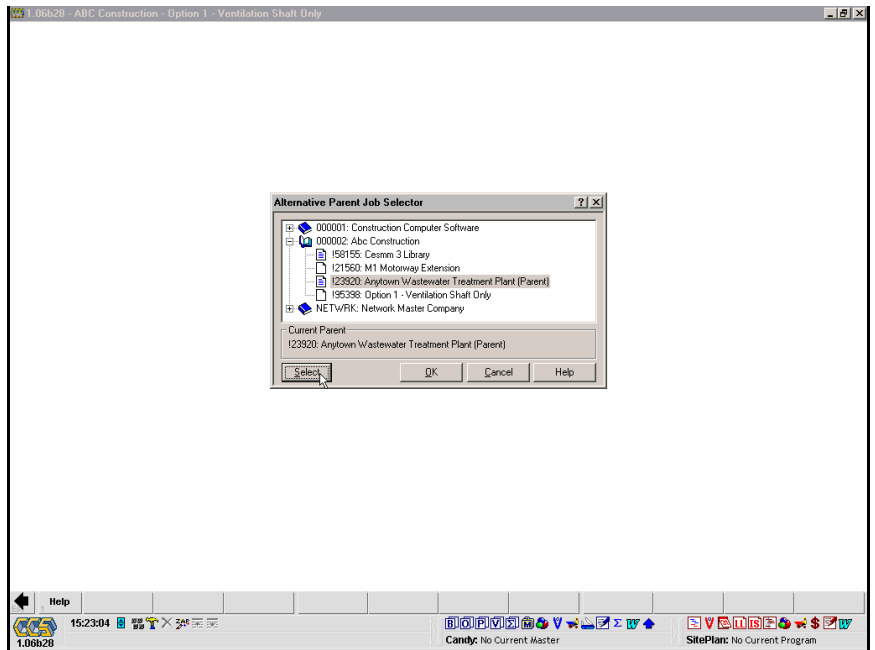
Select the option **Declare This Job as an Alternative** and use the  button.



The alternative parent job selector is displayed.

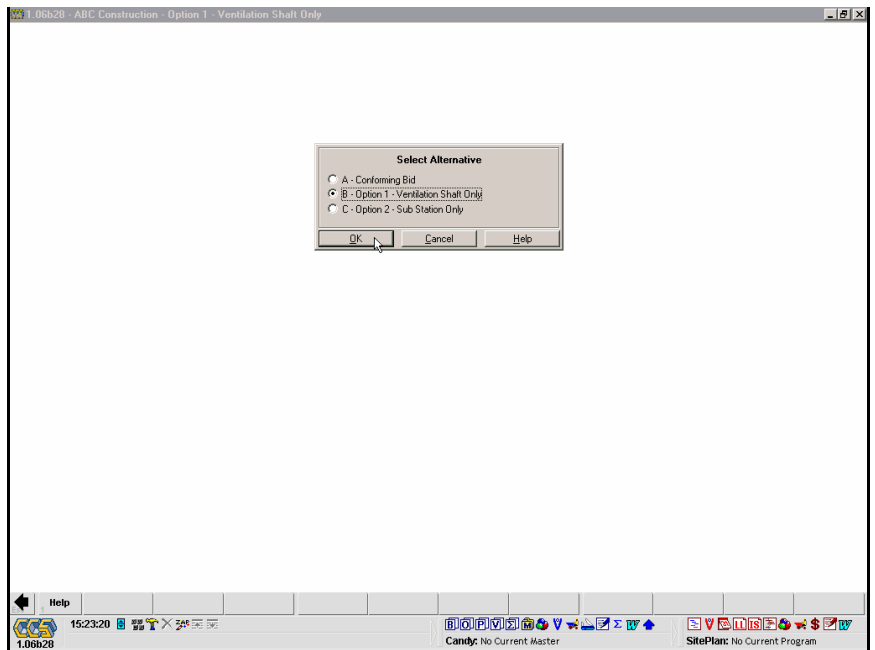
Select the required parent job and use the **Select** button.

*Note: Jobs in the network masters area and those in the multi user company may not be selected as parent jobs, and are therefore not displayed here.*



The select alternative selector is displayed.

Select the required alternative (A to H) and use the **OK** button to proceed with setting up the new job.



Use the **B** button to call up the bill of quantities.

The new job is immediately populated with the appropriate bill items from the parent job and autopriced. All definitions, worksheets, resources, selling rates and mark ups are copied.

All subcontract adjudicators in the parent job are copied into the alternative and examined. If an item is in the alternative bill, the quantity on the adjudicator is updated, if not, the item is deleted from the adjudicator. If all items are deleted from the adjudicator then the adjudicator document is deleted.

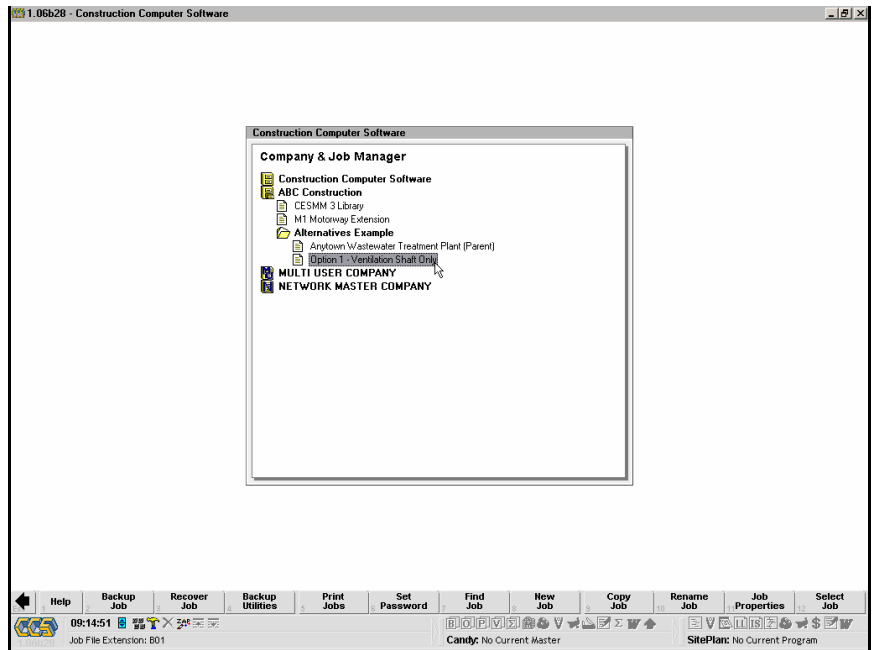
PAGE	ITEM	OP CODE	H	DESCRIPTION	UNIT	BILLED QUANTITY	NETT RATE	Labour	Plant	Material
1		XSECT1		SECTION 1: GENERAL	LEVEL	1				
1		XaF		PRELIMINARIES - FIXED CHARGES	LEVEL	2				
1	A	A810	H	Contractor's establishment	Item	1	0.00			
1	B	A9121	H	Services	Item	1	0.00			
1		XaU		PRELIMINARIES - VALUE RELATED CHARGES	LEVEL	2				
1	C	A310	H	Contractual requirements	Item	1	0.00			
1	D	A810a	H	Contractor's establishment	Item	1	0.00			
1		XaT		PRELIMINARIES - TIME RELATED CHARGES	LEVEL	2				
1	E	A810b	H	Contractor's establishment	Item	1	0.00			
1	F	A9121b	H	Services	Item	1	0.00			
2		XCOLL1		COLLECTION OF SECTION 1	LEVEL	9				
3		XSECT2		SECTION 2: VENTILATION SHAFT	LEVEL	1				
3		XSCH11		SCHEDULE NO. 1: FAN FOUNDATION	LEVEL	2				
3		XE		EARTHWORKS	LEVEL	3				
3	A	E1133	H	Clear and strip site	m2	5,400	1.86	0.93	0.75	0.
3	B	E20021	H	Excavate in bulk, Class A material and dispose within 2km freehaul distance	m3	10,800	16.87	7.03	8.01	1.
3	C	E42111	H	Excavation in foundations ne 2m deep	m3	1,125	14.17	6.56	6.25	1.
3	D	E52003	H	Excavate for working space in Class A material and backfill and compact to 95% mod. AASHTO.	m3	990	12.37	7.43	4.17	0.
3	E	9E30013	H	Excavate in class A material for trenches and use for backfill, compact, and dispose of surplus material	m3	390	34.15	20.30	11.67	2.
3	F	E603	H	Extra over all excavations in Class A material for Class B material	m3	315	115.77	14.06	16.94	3.
3	G	E82245	H	Filling under floors and around foundations in layers of 150mm.	m3	11,520	16.29	10.28	5.10	0.

## Update Alternative Jobs

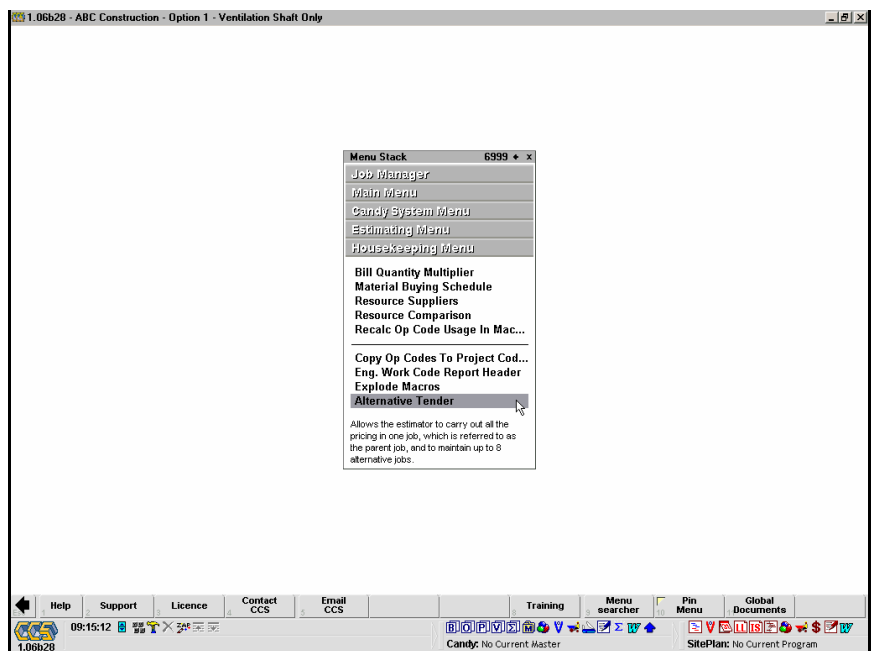
Alternative jobs, which have previously been set up, may be updated from the parent job as often as required.

On the **Company & Job Manager** select the required alternative job.

*Note: Changes may be made to alternative jobs after updating from the parent, however, any subsequent updates will overwrite such changes.*



From the **CCS Menu** follow the path **Candy System** to **Estimating** to **Housekeeping** and select **Alternative Tender**.

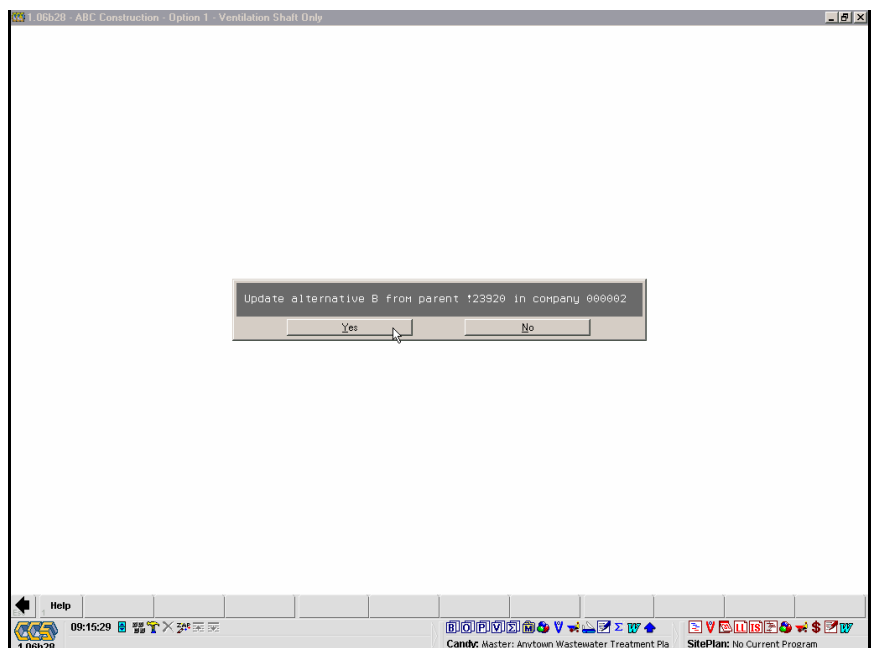


A message is displayed, "Update alternative B from parent XYZ", where B is the alternative code and XYZ is the job code of the current parent.

Use the  button to continue.

All files for the current alternative job are deleted, and the job is repopulated with the appropriate bill items from the parent job and autopriced. All definitions, worksheets, resources, selling rates and mark ups are copied.

All subcontract adjudicators in the parent job are copied into the alternative and examined. If an item is in the alternative bill, the quantity on the adjudicator is updated, if not, the item is deleted from the adjudicator. If all items are deleted from the adjudicator then the



adjudicator document is deleted.

