

Constructive Computer Services International presents



estimating software that works the way  
you do

WHAT'S NEW

JUST RELEASED !!!

# ESTIMATOR V6

**Estimator V6 is the next step in the evolution of Estimator.**

**It has been developed with the latest object-oriented principles. This makes it more robust, efficient and much easier to use, maintain and enhance.**

## New Features

### Multiple Currencies

Multiple worksheets/projects open concurrently

Import **WIZARD** for importing data from other packages

Standard Windows on-line  
HELP

Export any report to a  
'CSV' file

Print Preview

**MAC, WIN 95/98/NT**

User-definable Template Projects

Standard Windows cut/copy/paste functionality

Alternative coding breakdown

**Full annotation  
support**

A demonstration of Estimator V6 is available on CD.  
To receive your demonstration CD, please fill out the form on the back.

# ESTIMATOR V6

## ABOUT ESTIMATOR V6

Estimator V6 is a state-of-the art estimating program.

Estimator V6 can be run as a stand alone package, or in a multi-user networked environment, with many estimators concurrently working on the same project.

Estimator V6 has been developed with the latest technological tools such as C++ and object oriented principles, thus making it very robust, efficient and extremely easy to maintain and enhance.

## WHO SHOULD USE ESTIMATOR V6?

Anyone who needs to calculate the cost to construct, whether it be for a budget estimate, a cost plan, a hard money tender; whether it be for a pipe line, a nuclear power station, a condominium, a freeway or a set of villa units; whether the project cost is \$ 100,000 or \$ 1000,000,000.

## how do you use estimator v6?

Estimator V6 can be used in it's simplest form as an extremely sophisticated calculator or it's most powerful form where the estimate is controlled through a resource library of rates. In the easiest method, the user simply enters the details of each items description , unit, quantity, rate or cost. In the more powerful method, the user either types in a code for each resource, or chooses the code from the local or external resource picking list and the details are automatically inserted into the estimate worksheet. In this manner, the estimated cost is controlled through the project library of resource rates.

All worksheets within Estimator V6 are similar to spreadsheets; the main difference being that all formulae are predefined, and the worksheet is being saved every time an entry is made. This means no loss of data in the event of a power failure.

# ESTIMATOR V6

## SYSTEM Requirements

### **PC running either:**

Windows '95, Windows '98, Windows NT, Mac OS 8 (or higher) **with:**

Colour monitor

32 MB RAM

20 MB Hard Disk Space free

Mouse

101 key keyboard

## COST

Single User Licence:       AUD 3,000.00

Network Licence:         AUD 3,000.00 + AUD 950.00/user

The above prices include the first years annual maintenance fee. Thereafter, software maintenance will be optional at a cost of \$ 450.00 for the first licence and \$ 250.00 for each additional.

### **What is SOFTWARE MAINTENANCE?**

Software maintenance is a bit like a warranty you receive when you purchase hardware. In this instance however, it covers software and entitles you to all upgrades as well as telephone/facsimile and email support FREE of charge.

## HOW DO I ORDER?

It's easy to order. Simply use the attached order form to fill in your details and fax back to us. We'll take care of the rest and contact you to arrange delivery.

**PAYMENT TERMS:** Payment is required upon receipt of order.

# ESTIMATOR V6

## A PRESENTATION

Once upon a time there was Estimator II.

Estimator II was born in Melbourne in 1978.

Estimator II was first released on the CPM platform.

Estimator II was an estimating package used by construction companies throughout Australia, South East Asia and New Zealand.

Estimator II for Windows/Macintosh was released in 1993.

But the developers of Estimator II did not rest.

They continued on their plight to make Estimator II bigger and better.

They listened to their users and incorporated features like:

- Multiple currencies
- Import Wizard for importing data from other packages
- Quick and Easy pricing
- Full annotation support
- Comprehensive suite of reports
- Print Preview
- Easy download to other packages
- Standard windows cut/copy/paste functionality
- User friendly, context sensitive, on-line help
- Alternative coding breakdown
- Backup/Restore function
- Multiple worksheets/projects open concurrently

to produce...

# ESTIMATOR V6

**a look at these features in more detail....**

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# ESTIMATOR V6

## MULTIPLE CURRENCIES

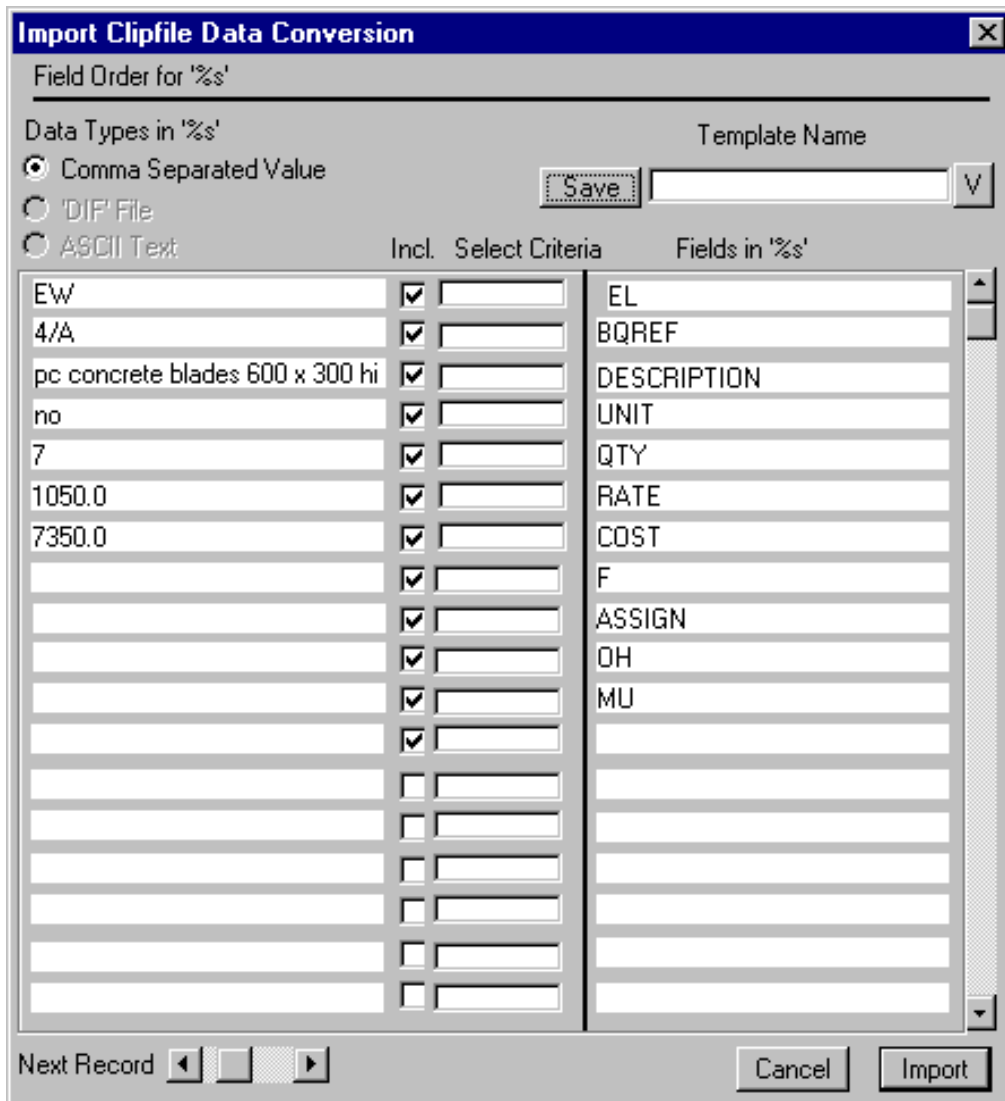
Estimator V6 supports multiple currencies. Simply add the purchase price and conversion/exchange rate in the resource library.

SCDE	RC	CC	DESCRIPTION	UNIT	RATE	F	CURR/M	PURCH/P	EX RATE
	LABSHOP	SC	Workshop Labour	mhr	2.00		PESO	50.00	0.04
	LABSITE	LA	Site Labour	mhr	2.00		PESO	50.00	0.04
	SHOP>60	+	Shop Labour Steel Fab > 60kg	t	811.80				
	SHOP30-60	+	Shop Labour Steel Fab 30-60kg	t	1,033.20				
	SHOP<30	+	Shop Labour Steel Fab < 30kg	t	1,254.60				
	75	MA	CHAN 75 x 40 (6.65kg/m)	t	610.00		USD	1,000.00	0.61
	100	M			0.00		USD	1,000.00	0.61
	125	M			0.00		USD	1,000.00	0.61
	150	M			0.00		USD	1,000.00	0.61
	180	M			0.00		USD	1,000.00	0.61

# ESTIMATOR V6

## IMPORT WIZARD

Data transfer from other packages is quick and easy with the use of the import clipfile wizard. The preferred file format is CSV, however any file type that can be downloaded into Excel may be imported into Estimator V6.



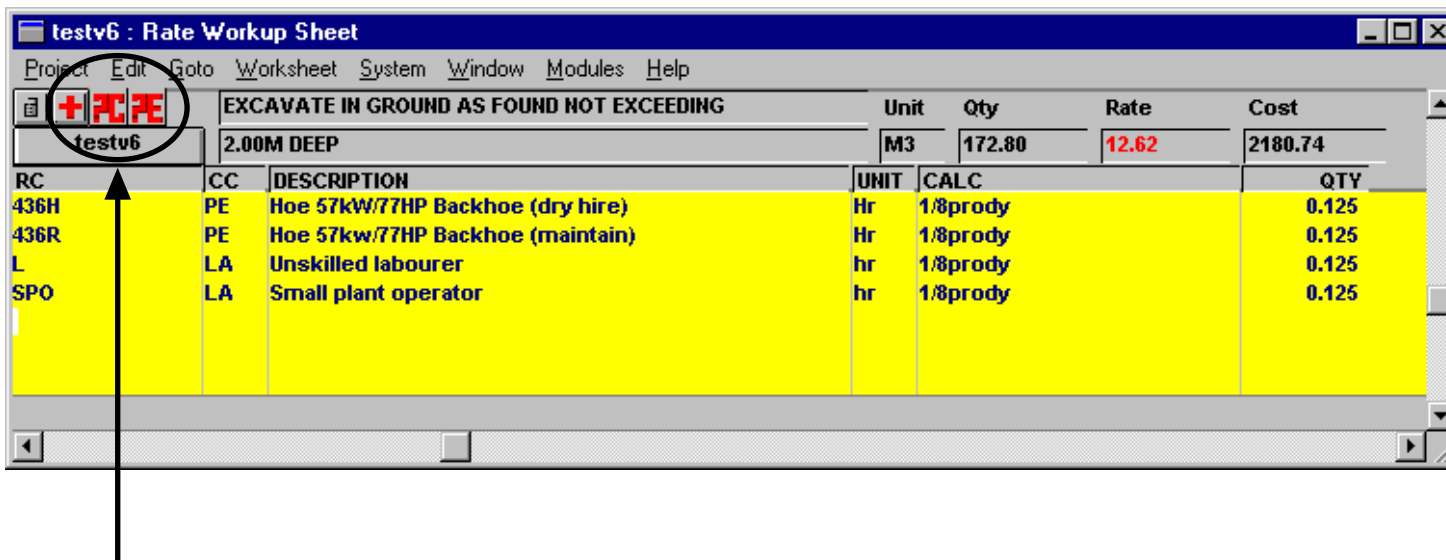
This is the IMPORT CLIPFILE wizard dialog box. We control what and how we import

with the controls in it.  
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# ESTIMATOR V6

QUICK and easy pricing

Pricing in Estimator has never been easier. When working within the rate or cost workup sheets, you have buttons available to you for quick and easy access to the rate library, you are also able to create new resources and composite resources on the fly.



Use the controls here to:

- +** Add a new resource code
- ?C** Browse the current library
- ?E** Browse the external library
- TESTV6** Change to another external library (currently set to TESTV6)

# ESTIMATOR V6

## FULL ANNOTATION SUPPORT

At CCSI we have always believed that all notes and assumptions made at any stage of the estimating process should be recorded within the software, in the estimate. This is why, at all times are able to add comments and notes, even within calculations:

RC	CC	DESCRIPTION	UNIT	CALC	QTY	RATE
410UB54	MA	410 UB 53.7	t	0.57bx1.05wastex1.08conn	0.64638	1039.35
300UC90	MA	CHAN 300 x 90 (40.1kg/m)	t	0.43bx1.05wastex1.08conn	0.48762	836.4
SHOP30-60	+	Shop Labour Steel Fab 30-60kg	t	11x1.008conn	11.088	1033.2
DETAIL30-60	SC	Shop Detail Structural Steel 30-60	t	1x1.008conn	1.008	504.3

In some instances, there is a designated column for comments:

DIM1	DIM2	DIM3	FACTOR	COMMENTS	QTY
3.000	2.000	1.500	2x2	Outside ftgs	36.0000
3.500	2.000	1.500	2x2	Inside ftgs	42.0000
6.500	4.000	3.000			78.0000

Comments may be added to a worksheet, giving you the full picture each time you review.

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# ESTIMATOR V6

COMPREHENSIVE SUITE OF REPORTS:

Estimator V6 comes with a complete suite of reports from detailed entire estimate to general summary. A sample of these follows.

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# ESTIMATOR V6

entire estimate - detail format

## Section 'A1': 'PRELIMINARIES AND DOCUMENTATION'

COMPANY : CONSTRUCTIVE COMPUTER SERVICES

PROJECT : A Sample Project

DATE : Tue 04 Apr 2000 02:55PM

SubTitle : For Printing Sample Reports

Bid Currency : Australian Dollars

RC	BOREF	CC	DESCRIPTION	UNIT	QUANT	RATE	MHRS	LABOUR	MATERIALS	TEMP MATS	PLANT HIRED	PLANT OWNED	SUBCONTRACT	OTHER	DJCOST
	A1.1		Site Establishment including Temporary Stock Fence adjacent to existing track, accomodation and temporary site services	item	315.00	30.13	16	627	785	7,680				400	9,492
DS31		DS	Surveyor	week	0.2	2,000.00								400	400
CO34		TM	Stock proof Fence - Temporary	m	320.0	24.00				7,680					7,680
CO34G		MA	Stock gate 1200 high exp mesh	set	1.0	200.00			200						200
LA01		LA	Labourer	hr	8.0	39.20	8	314							314
CO34GB		MA	Stock Proof Gate 4000 wide	set	1.5	390.00			585						585
LA01		LA	Labourer	hr	8.0	39.20	8	314							314
	A1.2		Liaison with Telstra,Eastern energy, City of Casey, SEWL for Plant Service Connections	item	4.00	1,117.50			1,450	3,020					4,470
CS43		TM	Council Fees	Sum	500.0	1.00				500					500
SEWL		TM	Water Connection Fee	Sum	1.0	2,040.00				2,040					2,040
EEN		TM	3-Phase Power Connection	item	1.0	205.00				205					205
BFPD		MA	Temporary pole, meter and Box by SEWL	set	1.0	1,450.00			1,450						1,450
TELC		TM	Backflow Preventing Devise Telephone Connection at site boundary	set	1.0	275.00				275					275
	A1.3		Crushed Rock Road Works For Gentle Annie Drive	cum	1,500.00	8.60			12,000	500				400	12,900
CROCK		MA	Crushed Rock Class 2 -98 % Compacted a/w access Road	CUM	1500.0	8.00			12,000						12,000
CF01		TM	Road Opening Permit	No	1.0	300.00				300					300
CN04		TM	Survey Supplies	week	1.0	200.00				200					200
DS31		DS	Surveyor	week	0.2	2,000.00								400	400
	A1.4		Preparation and Submission of QA and Safet Plans	item	1.00	1,762.00			500					1,262	1,762
DS34		DS	Quality Assurance Engineer - Junior	week	0.5	1,345.00								672	672
DS64		DS	Safety Officer	week	0.33	1,785.00								589	589

## Section 'A2'-INLET SCREEN AND SCREW PRESS'

COMPANY : CONSTRUCTIVE COMPUTER SERVICES

PROJECT : A Sample Project

DATE : Tue 04 Apr 2000 02:55PM

SubTitle : For Printing Sample Reports

Bid Currency : Australian Dollars

RC	BOREF	CC	DESCRIPTION	UNIT	QUANT	RATE	MHRS	LABOUR	MATERIALS	TEMP MATS	PLANT HIRED	PLANT OWNED	SUBCONTRACT	OTHER	DJCOST
	A2.1		Manufacture, Supply / delivery & Installation of Inlet Screen	1	1.00	35,919.90	39	1,388	30,149		360		3,350	672	35,920
INSCR		MA	Inlet Screen TEMA	Set	1.0	25,700.00			25,700						25,700
DEL		SC	Delivery & Documentation	set	1.0	1,550.00							1,550		1,550
INSCRIN		SC	Installation Of Screen/wash press comp rate Refer To Section 2.3 of Specification and drawing G017	hr	15.0	120.00							1,800		1,800
EC12		PE	12t RT Crane with dogamn	hr	3.0	120.00					360				360
DS21		DS	Project Engineer Junior	week	0.5	1,345.00								672	672
PUD3		MA	PUDDLE FLANGE WITH 150DIA WITH SP 670L	ITEM	3.0	285.00			855						855
PS1		MA	support concrete to hold pipe and valve	item	3.0	60.00			180						180
FL3		MA	FLANGE ASSEMBLY SETS UP TO 200MM	1set	18.0	50.00			900						900
MP15DICL		MA	150 dia Dicl Pipe FI x Sp 1.5M long	1.5m	6.0	162.00			972						972
MV15		MA	150 Sluice Valve	ea	3.0	250.00			750						750
TAPSAD		MA	Tapping Saddle 20mm	ex	6.0	87.00			522						522
VALV		MA	VALVE LEASS THAN 50MM SUPPLY & IS	ITEM	3.0	90.00			270						270
LA33		LA	Plumber Standard	hr	19.5	32.00	20	624							624
LA01		LA	Labourer	hr	19.5	39.20	20	764							764
	A2.2		Manufacture, Supply / delivery & Installation of Wash Press	1	1.00	28,047.30	8	285	23,380		360		3,350	672	28,047
SCPRE		MA	Screwwash press Meva - Henry Walker/Tema	set	1.0	22,600.00			22,600						22,600
INSCRIN		SC	Installation Of Screen/wash press comp rate	hr	15.0	120.00							1,800		1,800
EC12		PE	12t RT Crane with dogamn	hr	3.0	120.00					360				360
DS21		DS	Project Engineer Junior	week	0.5	1,345.00								672	672
DEL		SC	Delivery & Documentation	set	1.0	1,550.00							1,550		1,550
BIN240		MA	240 liter Bin Industrial Type+ hinged lid	item	1.0	780.00			780						780
LA33		LA	Plumber Standard	hr	4.0	32.00	4	128							128
LA01		LA	Labourer	hr	4.0	39.20	4	157							157

## Section 'A5'-PUMPS AND MIXERS'

COMPANY : CONSTRUCTIVE COMPUTER SERVICES

PROJECT : A Sample Project

DATE : Tue 04 Apr 2000 02:55PM

SubTitle : For Printing Sample Reports

Bid Currency : Australian Dollars

RC	BQREF	CC	DESCRIPTION	UNIT	QUANT	RATE	MHRS	LABOUR	MATERIALS	TEMP MATS	PLANT HIRED	PLANT OWNED	SUBCONTRACT	OTHER	DJCOST
			<b>Manufacture, Supply and Installation of all Pumps including all associated Guiderails, Lifting Chains etc Refer to Specification 2.6</b>												
	A5.1		Return Activated Sludge (RAS) Pumps	item	2.00	8,679.00	56	1,970	13,778		100	1,510			17,358
RASP		MA	Return Activated Sludge Pumps ITT 3.1@4m-com	set	2.0	3,419.00			6,838						6,838
EC12		PE	12t RT Crane with dogamn	hr	8.0	120.00					960				960
LA33		LA	Plumber Standard	hr	16.0	32.00	16	512							512
LA01		LA	Labourer	hr	16.0	39.20	16	627							627
TEST		MA	hydro test this section	item	2.0	250.00			500						500
CR03		TM	Small Tools	wk	0.4	250.00				100					100
SCAFFOLD		PE	6M scaffold to IDEA Tank access	wk	1.0	70.00					70				70
PUM		MA	pump installation materials bolts nuts etc	item	2.0	120.00			240						240
DAVIT		MA	Lifting Davit Assembly (in SS instead of Al)	set	2.0	3,100.00			6,200						6,200
DAVITIN		LA	Installation of davit assembly	hr	12.0	30.00	12	360							360
LA01		LA	Labourer	hr	12.0	39.20	12	470							470
EC12		PE	12t RT Crane with dogamn	hr	4.0	120.00					480				480
	A5.2		Waste Activated Sludge	item	2.00	8,679.00	56	1,970	13,778		100	1,510			17,358
WASP		MA	Waste Activated Sludge Pumps ITT 3.1@4m-com	set	2.0	3,419.00			6,838						6,838
EC12		PE	12t RT Crane with dogamn	hr	8.0	120.00					960				960
LA33		LA	Plumber Standard	hr	16.0	32.00	16	512							512
LA01		LA	Labourer	hr	16.0	39.20	16	627							627
TEST		MA	hydro test this section	item	2.0	250.00			500						500
CR03		TM	Small Tools	wk	0.4	250.00				100					100
SCAFFOLD		PE	6M scaffold to IDEA Tank access	wk	1.0	70.00					70				70
PUM		MA	pump installation materials bolts nuts etc	item	2.0	120.00			240						240
DAVIT		MA	Lifting Davit Assembly (in SS instead of Al)	set	2.0	3,100.00			6,200						6,200
DAVITIN		LA	Installation of davit assembly	hr	12.0	30.00	12	360							360

## Section 'A6'-'VENTILATION'

COMPANY : CONSTRUCTIVE COMPUTER SERVICES

PROJECT : A Sample Project

DATE : Tue 04 Apr 2000 02:55PM

SubTitle : For Printing Sample Reports

Bid Currency : Australian Dollars

RC	BQREF	CC	DESCRIPTION	UNIT	QUANT	RATE	MHRS	LABOUR	MATERIALS	TEMP MATS	PLANT HIRED	PLANT OWNED	SUBCONTRACT	OTHER	DJCOST
			Refer to Drawing No A009 & 10 and specification 3.0 including electrical wiring from unit to Thermostat control and on - off switches. Power to units and up to the switch / light interlocked Fan in electrical. Trident Quotation of \$79000 is split into 2 parts Email for AP1& 2 rest with Trident and achieve cost savings. Documentation cost in A1.5 , Performance cost in B12.1												
	A6.1		Control Room air Ventilation System	item	1.00	2,485.00	5	740	785		70		890		2,485
VENTFAN		MA	Ceiling Mounted Fan max310 SDI	item	1.0	600.00			600						600
THC		SC	Thermostat control with On-off switch SDI	item	1.0	890.00							890		890
LOVRI		MA	SS Louvre 1 600x300 size	item	1.0	185.00			185						185
SCAFLD		PE	Scaffold 3M	wk	1.0	70.00					70				70
LA03		LA	Electrician - A grade	HR	4.0	35.00	4	140							140
TEST2		LA	Pre-com and Test Unit	item	1.0	600.00	1	600							600
	A6.2		Screen Room Air Purification System	item	1.00	17,505.00	11	938	1,709				14,858		17,505
CAPC2		SC	Screen Room Air Purification System	set	1.0	13,408.00							13,408		13,408
CAPC2IN		SC	Install Unit on Plinth	set	1.0	560.00							560		560
THC		SC	Thermostat control with On-off switch SDI	item	1.0	890.00							890		890
LOVRI		MA	SS Louvre 1 600x300 size	item	2.0	185.00			370						370
DUCT		MA	SS Duct up to 600 size	sqm	5.4	165.00			891						891
DUCT		MA	SS Duct up to 600 size	sqm	1.2	165.00			198						198
LA33		LA	Plumber Standard	hr	4.0	32.00	4	128							128
APINST		MA	AP Unit Installation materials	item	1.0	250.00			250						250
LA03		LA	Electrician - A grade	HR	4.0	35.00	4	140							140
DS84		LA	Instrument Technician	hr	2.0	35.00	2	70							70
TEST2		LA	Pre-com and Test Unit	item	1.0	600.00	1	600							600
	A6.3		Switch Room Air Purification System	item	1.00	23,802.00	11	938	2,006				20,858		23,802

## Section 'A6'-'VENTILATION'

COMPANY : CONSTRUCTIVE COMPUTER SERVICES

PROJECT : A Sample Project

DATE : Tue 04 Apr 2000 02:55PM

SubTitle : For Printing Sample Reports

Bid Currency : Australian Dollars

RC	BQREF	CC	DESCRIPTION	UNIT	QUANT	RATE	MHRS	LABOUR	MATERIALS	TEMP MATS	PLANT HIRED	PLANT OWNED	SUBCONTRACT	OTHER	DJCOST
CAPC1		SC	Switch Room Air Purification System	set	1.0	19,408.00							19,408		19,408
THC		SC	Thermostat control with On-off switch SDI	item	1.0	890.00							890		890
CAPC2IN		SC	Install Unit on Plinth	set	1.0	560.00							560		560
LOUVR2		MA	SS Louvre 600x600	item	1.0	370.00			370						370
DUCT		MA	SS Duct up to 600 size	sqm	7.2	165.00			1,188						1,188
DUCT		MA	SS Duct up to 600 size	sqm	1.2	165.00			198						198
LA33		LA	Plumber Standard	hr	4.0	32.00	4	128							128
APINST		MA	AP Unit Installation materials	item	1.0	250.00			250						250
LA03		LA	Electrician - A grade	HR	4.0	35.00	4	140							140
DS84		LA	Instrument Technician	hr	2.0	35.00	2	70							70
TEST2		LA	Pre-com and Test Unit	item	1.0	600.00	1	600							600
	A6.4		Blower Room Ventilation System	item	1.00	17,592.00	18	1,760			70		15,762		17,592
BLRV1		SC	Blower Room Ventilation Ventilation System	set	1.0	11,472.00							11,472		11,472
SCAFLD		PE	Scaffold 3M	wk	1.0	70.00					70				70
TEST2		LA	Pre-com and Test Unit	item	2.0	600.00	2	1,200							1,200
DS84		LA	Instrument Technician	hr	8.0	35.00	8	280							280
LA03		LA	Electrician - A grade	HR	8.0	35.00	8	280							280
BLRV1IN		SC	Trident Costs for 1 yr defects	item	1.0	3,400.00							3,400		3,400
THC		SC	Thermostat control with On-off switch SDI	item	1.0	890.00							890		890
	A6.5		Door, Wall Grilles Toilet and Shower C.Fans+works	item	1.00	7,112.00	25	1,352	4,800		70		890		7,112
DTG		MA	Door Transfer Grille 600x600max sdi	item	7.0	125.00			875						875
VENTFAN		MA	Ceiling Mounted Fan max310 SDI	item	5.0	600.00			3,000						3,000
THC		SC	Thermostat control with On-off switch SDI	item	1.0	890.00							890		890
SCAFLD		PE	Scaffold 3M	wk	1.0	70.00					70				70
LOVRI		MA	SS Louvre 1 600x300 size	item	1.0	185.00			185						185
LOUVR2		MA	SS Louvre 600x600	item	2.0	370.00			740						740

## Section '9': 'SITE WORKS'

COMPANY : CONSTRUCTIVE COMPUTER SERVICES

PROJECT : A Sample Project

DATE : Tue 04 Apr 2000 02:55PM

SubTitle : For Printing Sample Reports

Bid Currency : Australian Dollars

RC	BOREF	CC	DESCRIPTION	UNIT	QUANT	RATE	MHRS	LABOUR	MATERIALS	TEMP MATS	PLANT HIRED	PLANT OWNED	SUBCONTRACT	OTHER	DJCOST
	3B		Civil Construction												
			CABLE ROUTE												
	B.2		Precast Ducts including trenching for cables and thermofill backfilling	LS			2,325	4,555	75,913		2,069	3,373	2,802	3,000	91,710
WASTE		+	<b>excavate for ducts</b> Cut to waste, remove off site	m3	173.25	17.00	5	104			1,351	312	1,178		2,945
AGGAP20		MA	<b>bedding</b> AP20 Scoria, tm	m3	9.62	22.00			212						212
MA		MA	<b>install ducts</b> Permanent materials, dollar value	\$	67500.0	1.00			67,500						67,500
EXC0200_OP		+	20t excavator operated say 2 ducts/hr	hr	35.0	80.00	35	700				2,100			2,800
L10		LA	Labourer, hourly paid	hr	70.0	18.00	70	1,260							1,260
BACKFILL_S		+	<b>backfill</b> Backfill with ap20 scoria or sim.	m3	31.5	43.60	6	120	1,040		58	158			1,373
LA		LA	<b>cut ducts etc</b> Labour, dollar value	\$	200.0	1.00	200	200							200
PO		PO	Internally hired plant, dollar value	\$	500.0	1.00						500			500
MA		MA	concrete endwalls Permanent materials, dollar value	\$	121.5	1.00			122						122
PROVSUM		PS	Provisional sum or contingency allow for working in yard allow for cutting under fences and difficulty of site	\$	3000.0	1.00								3,000	3,000
			CABLE TRENCHES												
WASTE		+	Cut to waste, remove off site	m3	77.0	17.00	2	46			601	139	524		1,309
THERMOFILL		MA	Thermally stable fill - ex Readymix -poured	m3	44.0	160.00			7,040						7,040
BACKFILL		+	Backfill with previous excavated material	m3	33.0	10.60	7	125			59	165			350
LA		LA	allow for working in yard under cables etc extra time/labour/machinery Labour, dollar value	\$	2000.0	1.00	2,000	2,000							2,000
SC		SC	concrete pump- Subcontractor, dollar value	\$	1100.0	1.00							1,100		1,100
MISC		MI	Miscellaneous dollar value	\$	-0.46	1.00									
			JOINT PIT CONSTRUCTION												
	B.3		Sandringham	LS			19	345	1,343	150	65	81	256	2,522	4,762

## Section '9': 'SITE WORKS'

COMPANY : CONSTRUCTIVE COMPUTER SERVICES

PROJECT : A Sample Project

DATE : Tue 04 Apr 2000 02:55PM

SubTitle : For Printing Sample Reports

Bid Currency : Australian Dollars

RC	BQREF	CC	DESCRIPTION	UNIT	QUANT	RATE	MHRS	LABOUR	MATERIALS	TEMP MATS	PLANT HIRED	PLANT OWNED	SUBCONTRACT	OTHER	DJCOST
WASTE		+	Cut to waste, remove off site	m3	5.4	17.00		3			42	10	37		92
			<u>box &amp; pour concrete base</u>												
REBAR16		+	Suppl and fix rebar not exc 16 mm dia	t	0.35	2,015.00			530				175		705
CO25		MA	25 Mpa Concrete 20mm -Readymix	m3	2.4	160.00			384						384
CO_PLACE		SC	Concrete place and finish	m2	9.12	4.50							41		41
L10		LA	Labourer, hourly paid	hr	16.0	18.00	16	288							288
TM		TM	Temporary materials, dollar value	\$	150.0	1.00				150					150
MA		MA	Permanent materials, dollar value	\$	50.0	1.00			50						50
			pipe for oil tank etc												
SC		SC	Subcontractor, dollar value	\$	2.8	1.00							3		3
			<u>supply and place 200 co block wall</u>												
			<u>incl grout no steel</u>	m2	13.5	100.00								1,350	1,350
BACKFILL_S		+	Backfill with ap20 scoria or sim.	m3	10.0	43.60	2	38	330		18	50			436
			Thermofill	m3	7.3	160.00								1,168	1,168
BACKFILL		+	Backfill with previous excavated material	m3	3.46	10.60	1	13			5	18			37
TOPSOIL_I		+	Import and place topsoil	m3	1.32	41.60		3	49			4			55
MISC		MI	Miscellaneous dollar value	\$	3.92	1.00								4	4
			UNIT RATES												
	B.4		Rock breaking ( including removal off site)	m3		100.00									
			TOTALS FOR THIS SECTION				2,344	4,900	77,257	150	2,134	3,456	3,059	5,523	96,473

## Section 'OH': OVERHEADS DIRECT &amp; INDIRECT

COMPANY : CONSTRUCTIVE COMPUTER SERVICES

PROJECT : A Sample Project

DATE : Tue 04 Apr 2000 02:55PM

SubTitle : For Printing Sample Reports

Bid Currency : Australian Dollars

RC	BOREF	CC	DESCRIPTION	UNIT	QUANT	RATE	MHRS	LABOUR	MATERIALS	TEMP MATS	PLANT HIRED	PLANT OWNED	SUBCONTRACT	OTHER	DJCOST
	OH		INDIRECTS												
			Indirects as per the Standard Indirect Cost Codes.												
			Both Recurring and Nonrecurring Indirects are here. This list is a prompt only and each estimate is to be considered on its own merits.												
			Project Duration	week	40.00										
			+ Mobilisation period:4												
			+ Construction period:32												
			+ Demobilisation period:2												
			= Project Duration:40												
	01		SUPERVISION	Week	40.00	5,803.50								232,140	232,140
			Site Management	tem	1.0	204,180.00									204,180
DS13		DS	Construction Manager	week	40.0	2,640.00								105,600	
DS18		DS	Mechanical Superintendent Junior	week	10.0	1,930.00								19,300	
DS15		DS	General Superintendent Junior	week	10.0	1,930.00								19,300	
DS21		DS	Project Engineer Junior	week		1,345.00									
DS24		DS	Site Engineer -2 years	week	10.0	1,270.00								12,700	
DS31		DS	Surveyor	week	4.0	2,000.00								8,000	
DS34		DS	Quality Assurance Engineer - Junior	week	4.0	1,345.00								5,380	
DS41		DS	Foreman Junior	week	20.0	1,695.00								33,900	
			Site Office Staff	Item	1.0	27.00									27,960
DS74		DS	Secretary	day	100.0	166.00								16,600	
DS73		DS	Site Clerk	day	80.0	142.00								11,360	
			Project Services included elsewhere	Item	1.0										

Constructive Computer Services International

# ESTIMATOR V6

resource usage report

List of Used Composites

COMPANY : CONSTRUCTIVE COMPUTER SERVICES

PROJECT : A Sample Project

SubTitle : For Printing Sample Reports

LOCATION : Melbourne

DATE : Tue 04 Apr 2000 02:41PM

INCLUDES From : PRELIMINARIES AND DOCUMENTATION

QS/Estimator : John Smith

SECTIONS To : OVERHEADS DIRECT &amp; INDIRECT

Bid Currency : Australian Dollars

RC	CC	DESCRIPTION	UNIT	QUANT	RATE	COST
BACKFILL	+	Backfill with previous excavated material	m3	36.46	10.60	386
EXC0120_OP	+	12t excavator operated	hr	3.65	70.00	256
BACKFILL_S	+	Backfill with ap20 scoria or sim.	m3	41.50	43.60	1,809
LOAD10_OP	+	CAT 910 loader, operated	hr	4.22	70.00	295
EXC0200_OP	+	20t excavator operated	hr	42.67	80.00	3,414
WASTE	+	Cut to waste, remove off site	m3	255.65	17.00	4,346
TOPSOIL_I	+	Import and place topsoil	m3	1.32	41.60	55
REBAR16	+	Suppl and fix rebar not exc 16 mm dia	t	0.35	2,015.00	705

List of STANDARD Cost Category Usage

COMPANY : CONSTRUCTIVE COMPUTER SERVICES

PROJECT : A Sample Project

SubTitle : For Printing Sample Reports

LOCATION : Melbourne

DATE : Tue 04 Apr 2000 02:41PM

INCLUDES From : PRELIMINARIES AND DOCUMENTATION

QS/Estimator : John Smith

SECTIONS To : OVERHEADS DIRECT & INDIRECT

Bid Currency : Australian Dollars

CC	NAME	DJCOST	%ADJ	CC ADJ	COST
LA	LABOUR	44,107			44,107
MA	MATERIALS	286,298			286,298
TM	TEMP MATS	136,089			136,089
PE	PLANT HIRED	49,143			49,143
PO	PLANT OWNED	23,204			23,204
SC	SUBCONTRACT	86,936			86,936
Other		263,110			263,110
	Total of Standard Cost Categories	888,887			888,887

## Resource Usage and Costs Listing

COMPANY : CONSTRUCTIVE COMPUTER SERVICES

PROJECT : A Sample Project

SubTitle : For Printing Sample Reports

LOCATION : Melbourne

DATE : Tue 04 Apr 2000 02:41PM

INCLUDES From : PRELIMINARIES AND DOCUMENTATION

QS/Estimator : John Smith

SECTIONS To : OVERHEADS DIRECT &amp; INDIRECT

Bid Currency : Australian Dollars

RC	CC	DESCRIPTION	UNIT	QTY	RATE	COST	%TOTF
DS13	DS	Construction Manager	week	40.000	2,640.00	105,600	11.88
MA	MA	Permanent materials, dollar value	\$	67,671.500	1.00	67,672	7.61
DS41	DS	Foreman Junior	week	20.000	1,695.00	33,900	3.81
DAVITMIX	MA	Lifting Davit Assembly (in SS instead of Al)	set	6.000	4,495.00	26,970	3.03
INSCR	MA	Inlet Screen TEMA	Set	1.000	25,700.00	25,700	2.89
EFTP	MA	Effluent Transfer Pump ITT 25@40m-complete	set	2.000	12,849.00	25,698	2.89
SCPRE	MA	Screwwash press Meva - Henry Walker/Tema	set	1.000	22,600.00	22,600	2.54
MIXERS	MA	Mixers Submersible 1.5kW	set	6.000	3,746.00	22,476	2.53
CAPC1	SC	Switch Room Air Purification System	set	1.000	19,408.00	19,408	2.18
DS15	DS	General Superintendent Junior	week	10.000	1,930.00	19,300	2.17
DS18	DS	Mechanical Superintendent Junior	week	10.000	1,930.00	19,300	2.17
DS34	DS	Quality Assurance Engineer - Junior	week	12.500	1,345.00	16,812	1.89
DS74	DS	Secretary	day	100.000	166.00	16,600	1.87
SHDWG	LA	Preparation & submission of Shop drawings	each	240.000	65.00	15,600	1.75
DAVIT	MA	Lifting Davit Assembly (in SS instead of Al)	set	5.000	3,100.00	15,500	1.74
CAPC2	SC	Screen Room Air Purification System	set	1.000	13,408.00	13,408	1.51
DS24	DS	Site Engineer -2 years	week	10.000	1,270.00	12,700	1.43
CROCK	MA	Crushed Rock Class 2 -98 % Compacted a/w	CUM	1,500.000	8.00	12,000	1.35
BLRV1	SC	Blower Room Ventilation Ventilation System	set	1.000	11,472.00	11,472	1.29
DS73	DS	Site Clerk	day	80.000	142.00	11,360	1.28
CU10	TM	Telephone & Fax Charges	week	42.000	250.00	10,500	1.18
CS11	TM	Construction All Risk Excess	No	0.500	20,000.00	10,000	1.12
CR03	TM	Small Tools	wk	36.200	250.00	9,050	1.02
EC12	PE	12t RT Crane with dogamn	hr	75.000	120.00	9,000	1.01
DS31	DS	Surveyor	week	4.400	2,000.00	8,800	0.99
LA01	LA	Labourer	hr	211.500	39.20	8,291	0.93
CO34	TM	Stock proof Fence - Temporary	m	320.000	24.00	7,680	0.86
EB98	PE	Traffic Notice Board	wk	30.000	250.00	7,500	0.84
DS78	DS	Cleaner	dy	50.000	142.00	7,100	0.80
THERMOFILL	MA	Thermally stable fii - ex Readymix -poured	m3	44.000	160.00	7,040	0.79
RASP	MA	Return Activated Sludge Pumps ITT 3.1@4m-com	set	2.000	3,419.00	6,838	0.77
WASP	MA	Waste Activated Sludge Pumps ITT 3.1@4m-com	set	2.000	3,419.00	6,838	0.77
PRWP	MA	Process Water Pumps complete	item	2.000	2,970.00	5,940	0.67
CO85	TM	Meal Reimbursement	week	20.000	250.00	5,000	0.56
CONTIN	TM	Contingencies for unknown site conditions	No	5,000.000	1.00	5,000	0.56
CR52	TM	Engineering Design	A	1.000	5,000.00	5,000	0.56
ET41	PE	Float Trips	No	6.000	800.00	4,800	0.54
AER	SC	Aeration ssystem Complete	week	4,500.000	1.00	4,500	0.51
THC	SC	Thermostat control with On-off switch SDI	item	5.000	890.00	4,450	0.50
EA06	PE	12.0m x 3.0m Site Office	wk	40.000	110.00	4,400	0.49
SS31	SC	Surveyor	hr	60.000	70.00	4,200	0.47
LA33	LA	Plumber Standard	hr	125.500	32.00	4,016	0.45
TEST	MA	hydro test this section	item	16.000	250.00	4,000	0.45
SO01	SC	Security Services	wk	40.000	100.00	4,000	0.45
CU11	TM	Waste Disposal Charges	week	80.000	50.00	4,000	0.45
CC05	TM	Confined Space	A	1.000	4,000.00	4,000	0.45
CS10	TM	Construction All Risk Insurance	\$	3,861.000	1.00	3,861	0.43
ASBLDG	LA	Preparation & submission of asbuil drawings	each	80.000	45.00	3,600	0.41
TEST2	LA	Pre-com and Test Unit	item	6.000	600.00	3,600	0.41
VENTFAN	MA	Ceiling Mounted Fan max310 SDI	item	6.000	600.00	3,600	0.41
INSCRIN	SC	Installation Of Screen/wash press comp rate	hr	30.000	120.00	3,600	0.41
CP56	TM	Petrol	lt	4,000.000	0.90	3,600	0.41
CO31	TM	Access Road	Sum	3,500.000	1.00	3,500	0.39
BLRV1IN	SC	Trident Costs for 1 yr defects	item	1.000	3,400.00	3,400	0.38
SLTP	MA	Sludge Transfer Pumps ITT 3.1@6m-complete	set	1.000	3,394.00	3,394	0.38
CS12	TM	Third Party Property Liability Insurance	\$	3,240.000	1.00	3,240	0.36
CP55	TM	Distillate	l	4,000.000	0.80	3,200	0.36
CU22	TM	Mobilephone	week	80.000	40.00	3,200	0.36
DEL	SC	Delivery & Documentation	set	2.000	1,550.00	3,100	0.35
PA21	PO	Ablution Unit 6m x 3m	mth	10.000	300.00	3,000	0.34
PA42	PO	MP & E Container	dy	30.000	100.00	3,000	0.34
PROVSUM	PS	Provisional sum or contingency	\$	3,000.000	1.00	3,000	0.34

PROJECT : A Sample Project

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INCLUDES From : PRELIMINARIES AND DOCUMENTATION

QS/Estimator : John Smith

SECTIONS To : OVERHEADS DIRECT &amp; INDIRECT

Bid Currency : Australian Dollars

RC	CC	DESCRIPTION	UNIT	QTY	RATE	COST	%TOTF
ECTEMP	SC	Temporary Electrical; works	item	1.000	3,000.00	3,000	0.34
TRIVENT	SC	HVAC System Trident	set	1.000	3,000.00	3,000	0.34
CO03	TM	Courier Charges	week	40.000	75.00	3,000	0.34
CR01	TM	Mechanical Supplies	wk	10.000	300.00	3,000	0.34
CR02	TM	Mechanical Equipment	wk	10.000	300.00	3,000	0.34
CR05	TM	Ground Engaging Tools	wk	10.000	300.00	3,000	0.34
CU02	TM	Electricity Consumption	kW	2,000.000	1.50	3,000	0.34
PA01	PO	Site Office c/w AC 12m x 3m	mth	8.000	350.00	2,800	0.32
EB94	PE	Traffic Cones	dy	900.000	3.00	2,700	0.30
DS21	DS	Project Engineer Junior	week	2.000	1,345.00	2,690	0.30
EXC0200	PO	20 t excavator incl fuel,	hr	42.670	60.00	2,560	0.29
ET43	PE	Semi Trailer Load	No	10.000	250.00	2,500	0.28
CO32	TM	Hardstanding	Sum	2,500.000	1.00	2,500	0.28
DUCT	MA	SS Duct up to 600 size	sqm	15.000	165.00	2,475	0.28
MP22	MA	20mm Hdpe pipe +fitting installed for PW	M	300.000	8 per met	2,400	0.27
PRWPPK	MA	Process Water Pump Package for auto opn	item	1.000	2,400.00	2,400	0.27
EA33	PE	LunchRoom 6x2.4	wk	40.000	60.00	2,400	0.27
EB96	PE	Barricade Post & Rail each	dy	600.000	4.00	2,400	0.27
DS64	DS	Safety Officer	week	1.330	1,785.00	2,374	0.27
SNTP	MA	Supernata Transfer Pump ITT 3.1@15m-complete	set	1.000	2,284.00	2,284	0.26
LA	LA	Labour,dollar value	\$	2,200.000	1.00	2,200	0.25
PA33	PO	Crib Shed c/w AC & acces 6m x 3m	mth	10.000	210.00	2,100	0.24
CO33	TM	Compound Fencing	m	50.000	42.00	2,100	0.24
SEWL	TM	Water Connection Fee	Sum	1.000	2,040.00	2,040	0.23
EB99	PE	Allowance for Traffic Control Devices	Amt	2,000.000	1.00	2,000	0.23
CN88	TM	Computer	mth	8.000	250.00	2,000	0.23
CO81	TM	Relocation Expense	No	1.000	2,000.00	2,000	0.23
TRUCK	PE	6 wheel truck externally hired	hr	33.230	60.00	1,994	0.22
ST01	SC	Testing Technician	hr	24.000	80.00	1,920	0.22
DS61	DS	Personnel & IR Manager	week	1.000	1,910.00	1,910	0.21
PSPSTP	MA	Plant Sewerage Pump ITT 2@8 m-complete	set	1.000	1,890.00	1,890	0.21
CC01	TM	Clothing Issue per Man	No	8.000	228.00	1,824	0.21
SS32	SC	Chainman	hr	60.000	30.00	1,800	0.20
CO84	TM	Motel Charges	wk	3.000	600.00	1,800	0.20
ET12	PE	Dual Axel Tipper 12t	hr	32.000	55.00	1,760	0.20
DMAT	MA	Materials For Manuals	item	7.000	250.00	1,750	0.20
TIPFEE_6W	SC	Tip fees per load, 6 wheeler	No.	43.460	40.00	1,738	0.20
L10	LA	Labourer, hourly paid	hr	93.870	18.00	1,690	0.19
LA03	LA	Electrician - A grade	HR	48.000	35.00	1,680	0.19
DS23	DS	Senior Engineer	week	1.000	1,660.00	1,660	0.19
EB03	PE	Backhoe 5m max depth + fuel & op	hr	30.000	55.00	1,650	0.19
DAVITIN	LA	Installation of davit assembly	hr	54.000	30.00	1,620	0.18
PC12	PO	Compressor 125 cfm	hr	160.000	10.00	1,600	0.18
AGGAP20	MA	AP20 Scoria, tm	m3	71.870	22.00	1,581	0.18
EB95	PE	Barricade Mesh 30m Roll	dy	150.000	10.00	1,500	0.17
IONDOS	SC	Dosing ststem complete with manuals	set	1.000	1,500.00	1,500	0.17
CN87	TM	Photocopier	No	1.000	1,500.00	1,500	0.17
CO87	TM	Hotel Nights	No	10.000	150.00	1,500	0.17
BFPD	MA	Backflow Preventing Devise	set	1.000	1,450.00	1,450	0.16
PUM	MA	pump installation materials bolts nuts etc	item	12.000	120.00	1,440	0.16
PT22	PO	Tilt Tray Truck 12t	hr	32.000	45.00	1,440	0.16
PA02	PO	Site Office c/w AC 6m x 3m	mt	8.000	175.00	1,400	0.16
CU04	TM	Water Consumption	kl	2,000.000	0.65	1,300	0.15
TRENCH1	MA	Pipe Trench 300 wide in cly soil	m	300.000	4.00	1,200	0.14
EB97	PE	Flashing Lights Batt Operated	dy	300.000	4.00	1,200	0.14
CAPC2IN	SC	Install Unit on Plinth	set	2.000	560.00	1,120	0.13
LOUVR2	MA	SS Louvre 600x600	item	3.000	370.00	1,110	0.12
SC	SC	Subcontractor,dollar value	\$	1,102.800	1.00	1,103	0.12
L30	LA	Plant Operator	hr	50.540	20.00	1,011	0.11
CO05	TM	Computer Charges	week	40.000	25.00	1,000	0.11
CO06	TM	Stationary Supplies	week	40.000	25.00	1,000	0.11
CO07	TM	Photocopy Supplies	week	40.000	25.00	1,000	0.11

## Resource Usage and Costs Listing

COMPANY : CONSTRUCTIVE COMPUTER SERVICES

PROJECT : A Sample Project

SubTitle : For Printing Sample Reports

LOCATION : Melbourne

DATE : Tue 04 Apr 2000 02:41PM

INCLUDES From : PRELIMINARIES AND DOCUMENTATION

QS/Estimator : John Smith

SECTIONS To : OVERHEADS DIRECT &amp; INDIRECT

Bid Currency : Australian Dollars

RC	CC	DESCRIPTION	UNIT	QTY	RATE	COST	%TOTF
CO96	TM	Air Fares Return	No	2.000	500.00	1,000	0.11
CO65	TM	First aid supplies	wk	40.000	25.00	1,000	0.11
CF07	TM	Council Fees/Permits	A	1,000.000	1.00	1,000	0.11
MP15DICL	MA	150 dia Dicl Pipe Fl x Sp 1.5M long	1.5m	6.000	162.00	972	0.11
PMIX	MA	Mixer installation materials bolts nuts etc	item	6.000	160.00	960	0.11
PA41	PO	Container	mth	8.000	120.00	960	0.11
CT91	TM	Soil Test	No	12.000	80.00	960	0.11
FL3	MA	FLANGE ASSEMBLY SETS UP TO 200MM	1set	18.000	50.00	900	0.10
CF01	TM	Road Opening Permit	No	3.000	300.00	900	0.10
CS14	TM	Professional Indemnity Insurance	\$	879.000	1.00	879	0.10
DTG	MA	Door Transfer Grille 600x600max sdi	item	7.000	125.00	875	0.10
PUD3	MA	PUDDLE FLANGE WITH 150DIA WITH SP 670L	ITEM	3.000	285.00	855	0.10
PV26	PO	Toyota Hilux 4WD	dy	10.000	80.00	800	0.09
CU07	TM	Sewerage Establishment	Sum	800.000	1.00	800	0.09
EV12	TM	Sedan Hire Car	No	10.000	80.00	800	0.09
BIN240	MA	240 liter Bin Industrial Type+ hinged lid	item	1.000	780.00	780	0.09
CC04	TM	Wet Weather Issue per Man	No	8.000	95.00	760	0.09
MV15	MA	150 Sluice Valve	ea	3.000	250.00	750	0.08
PP75	PO	75mm Pump	mt	5.000	150.00	750	0.08
CN86	TM	Printer	mth	6.000	125.00	750	0.08
LOVRI	MA	SS Louvre 1 600x300 size	item	4.000	185.00	740	0.08
CN82	TM	Chairs	No	8.000	90.00	720	0.08
CC02	TM	Safety Issue per Man (Basic)	No	8.000	90.00	720	0.08
CO69	TM	Safety Trainging	Sum	640.000	1.00	640	0.07
EB92	PE	Road Signs	dy	150.000	4.00	600	0.07
EB93	PE	Traffic Bollards	dy	150.000	4.00	600	0.07
ET49	PE	Heavy / Wide load escort	day	2.000	300.00	600	0.07
PG11	PO	Generator 10kVa Diesel	dy	10.000	60.00	600	0.07
CU03	TM	Water Establishment	Sum	600.000	1.00	600	0.07
CO34GB	MA	Stock Proof Gate 4000 wide	set	1.500	390.00	585	0.07
CU01	TM	Electricity Establishment	A	1.000	575.00	575	0.06
DS84	LA	Instrument Technician	hr	16.000	35.00	560	0.06
CN81	TM	Desks	No	4.000	140.00	560	0.06
CT59	TM	Testing Concrete	A	20.000	27.00	540	0.06
TAPSAD	MA	Tapping Saddle 20mm	ex	6.000	87.00	522	0.06
RED16	MA	Mild steel deformed bar 16 dia cut & bent	t	0.350	1,480.00	518	0.06
APINST	MA	AP Unit Installation materials	item	2.000	250.00	500	0.06
EB91	PE	Traffic Lights Portable	wk	1.000	500.00	500	0.06
PP50	PO	50mm Pump	mt	5.000	100.00	500	0.06
PO	PO	Internally hired plant, dollar value	\$	500.000	1.00	500	0.06
CN89	TM	Fax Machine	No	1.000	500.00	500	0.06
CR56	TM	Traffic Management Consultant	A	500.000	1.00	500	0.06
CS43	TM	Council Fees	Sum	500.000	1.00	500	0.06
CF02	TM	Hoarding Permit	A	1.000	500.00	500	0.06
SCAFFOLD	PE	6M scaffold to IDEA Tank access	wk	6.700	70.00	469	0.05
PA50	PO	Workshop	mt	2.000	200.00	400	0.04
PV11	PO	Sedan 4cyl	dy	10.000	40.00	400	0.04
CO08	TM	Photography	week	40.000	10.00	400	0.04
CO25	MA	25 Mpa Concrete 20mm -Readymix	m3	2.400	160.00	384	0.04
CN90	TM	Camera	No	1.000	300.00	300	0.03
CS01	TM	Performance Bank Guarantee	\$	300.000	1.00	300	0.03
CS02	TM	Performance Bond	\$	300.000	1.00	300	0.03
CS05	TM	Retention Bank Gaurantee	\$	300.000	1.00	300	0.03
TELC	TM	Telephone Connection at site boundary	set	1.000	275.00	275	0.03
VALV	MA	VALVE LEASS THAN 50MM SUPPLY & IS	ITEM	3.000	90.00	270	0.03
LA29	LA	Trade Assistant	hr	8.000	30.00	240	0.03
EB90	PE	Traffic Barriers Water Filled	dy	20.000	11.00	220	0.02
CU09	TM	Telephone Line Establishment	No	1.000	220.00	220	0.02
LOAD10	PO	CAT910 Loader, 60kW, incl fuel	hr	4.220	50.00	211	0.02
SCAFLD	PE	Scaffold 3M	wk	3.000	70.00	210	0.02
EEN	TM	3-Phase Power Connection	item	1.000	205.00	205	0.02
CO34G	MA	Stock gate 1200 high exp mesh	set	1.000	200.00	200	0.02

## Resource Usage and Costs Listing

COMPANY : CONSTRUCTIVE COMPUTER SERVICES

PROJECT : A Sample Project

SubTitle : For Printing Sample Reports

LOCATION : Melbourne

DATE : Tue 04 Apr 2000 02:41PM

INCLUDES From : PRELIMINARIES AND DOCUMENTATION

QS/Estimator : John Smith

SECTIONS To : OVERHEADS DIRECT &amp; INDIRECT

Bid Currency : Australian Dollars

RC	CC	DESCRIPTION	UNIT	QTY	RATE	COST	%TOTF
CO04	TM	Postal Charges	week	40.000	5.00	200	0.02
CU08	TM	Sewerage Consumption	week	40.000	5.00	200	0.02
CN04	TM	Survey Supplies	week	1.000	200.00	200	0.02
EXC0120	PO	EX120 12 t excavator, incl fuel	hr	3.650	50.00	182	0.02
PS1	MA	support concrete to hold pipe and valve	item	3.000	60.00	180	0.02
REFIX16	SC	Steelfixing for bars not exc 16 dia	t	0.350	500.00	175	0.02
CN85	TM	Bookcases	No	2.000	75.00	150	0.02
TM	TM	Temporary materials,dollar value	\$	150.000	1.00	150	0.02
ROLL10	PE	Single drum walk behind padfoot roller	day	0.780	180.00	140	0.02
CN83	TM	Tables	No	7.000	20.00	140	0.02
CC03	TM	Gloves	No	24.000	5.00	120	0.01
TOPSOIL_S	MA	topsoil delivered on site tm.	m3	1.580	31.00	49	0.01
CO_PLACE	SC	Concrete place and finish	m2	9.120	4.50	41	
CN84	TM	Filing Cabinets	No	2.000	15.00	30	
RESUND	MA	Reinforcing sundries, chairs,spacers etc	t	0.350	35.00	12	
MISC	MI	Miscellaneous dollar value	\$	3.460	1.00	3	
ELECT	SC	Electrical & Control system	week	1.000	1.00	1	
Totals for Resource Usage and Costs Listing						888,886	99.99

Constructive Computer Services International

# ESTIMATOR V6

## RESOURCE FILE LISTING

RC	CC	DESCRIPTION	UNIT	RATE	F
BACKFILL	+	Backfill with previous excavated material	m3	10.60	
EXC0120_OP	+	12t excavator operated	hr	70.00	
BACKFILL_S	+	Backfill with ap20 scoria or sim.	m3	43.60	
LOAD10_OP	+	CAT 910 loader, operated	hr	70.00	
EXC0200_OP	+	20t excavator operated	hr	80.00	
WASTE	+	Cut to waste, remove off site	m3	17.00	
TOPSOIL_I	+	Import and place topsoil	m3	41.60	
REBAR16	+	Suppl and fix rebar not exc 16 mm dia	t	2,015.00	
DS01	DS	Contract Manager	week	2,000.00	
DS11	DS	Project Manager Senior	week	2,520.00	
DS12	DS	Deputy Project Manager	week	2,170.00	
DS13	DS	Construction Manager	week	2,640.00	
DS15	DS	General Superintendent Junior	week	1,930.00	
DS16	DS	Plant Superintendent Senior	week	2,325.00	
DS18	DS	Mechanical Superintendent Junior	week	1,930.00	
DS21	DS	Project Engineer Junior	week	1,345.00	
DS23	DS	Senior Engineer	week	1,660.00	
DS24	DS	Site Engineer -2 years	week	1,270.00	
DS31	DS	Surveyor	week	2,000.00	
DS34	DS	Quality Assurance Engineer - Junior	week	1,345.00	
DS41	DS	Foreman Junior	week	1,695.00	
DS61	DS	Personnel & IR Manager	week	1,910.00	
DS64	DS	Safety Officer	week	1,785.00	
DS73	DS	Site Clerk	day	142.00	
DS74	DS	Secretary	day	166.00	
DS78	DS	Cleaner	dy	142.00	
ASBLDG	LA	Preparation & submission of asbuil drawings	each	45.00	
DAVITIN	LA	Installation of davit assembly	hr	30.00	
DS84	LA	Instrument Technician	hr	35.00	
LA01	LA	Labourer	hr	39.20	
LA03	LA	Electrician - A grade	HR	35.00	
LA09	LA	Chainman	hr	30.00	
LA11	LA	Plant Operator	hr	32.00	
LA22	LA	Pipe Layer	hr	22.00	
LA23	LA	Steel fixer	hr	32.00	
LA25	LA	Fitter	hr	32.00	
LA26	LA	Electrician	hr	24.00	
LA27	LA	Welder	hr	55.00	
LA28	LA	Shop Welder	hr	30.00	
LA29	LA	Trade Assistant	hr	30.00	
LA30	LA	Spacer	hr	15.00	
LA31	LA	Rigger	hr	90.00	
LA33	LA	Plumber Standard	hr	32.00	
LA34	LA	Drainer Assistant	hr	29.20	
LA35	LA	Drainer	hr	42.00	
LA36	LA	Painter	hr	30.00	
LA41	LA	Diver	hr	60.00	
SHDWG	LA	Preparation & submission of Shop drawings	each	65.00	
TEST2	LA	Pre-com and Test Unit	item	600.00	
L30	LA	Plant Operator	hr	20.00	
LA	LA	Labour,dollar value	\$	1.00	
L10	LA	Labourer,hourly paid	hr	18.00	
50ABS	MA	ABS clas 9 Pipe ^M long	M	5.00	
50ABSEL	MA	ABS 50 mm class 12 90 deg LR elbow	each	10.00	
50ABSSC	MA	ABS 50mm class 12 Sockets	each	4.00	
50ABSSTF	MA	ABS 50mm Stub Flange Tablde D+back rng	set	28.00	
50ABSTE	MA	abs 50mm class 12 tee	each	7.00	
AIRBL1	MA	Hurl Or Robuschi Blowers with 30 Kw mot	set	12,574.00	
AIRBL2	MA	Hurl Or Robuschi Blower with 11KW mot	set	10,153.00	

RC	CC	DESCRIPTION	UNIT	RATE	F
APINST	MA	AP Unit Installation materials	item	250.00	
BASE	MA	Sand 150 for trench spread in trench	cum	45.00	
BFPD	MA	Backflow Preventing Devise	set	1,450.00	
BIN240	MA	240 liter Bin Industrial Type+ hinged lid	item	780.00	
CC	MA	provide base for pumps and equipment (min)	item	250.00	
CO34G	MA	Stock gate 1200 high exp mesh	set	200.00	
CO34GB	MA	Stock Proof Gate 4000 wide	set	390.00	
CROCK	MA	Crushed Rock Class 2 -98 % Compacted a/w	CUM	8.00	
DAVIT	MA	Lifting Davit Assembly (in SS instead of Al)	set	3,100.00	
DAVITMIX	MA	Lifting Davit Assembly (in SS instead of Al)	set	4,495.00	
DENSO	MA	Densowrap joint with 100 mm rolls	roll	12.00	
DICL500P	MA	Dicl Deacter Piping up to Eff Basin;Tyco	item	33,454.00	
DMAT	MA	Materials For Manuals	item	250.00	
DRAIN	MA	50 Upvc drain complete with valve	m	90.00	
DTG	MA	Door Transfer Grille 600x600max sdi	item	125.00	
DUCT	MA	SS Duct up to 600 size	sqm	165.00	
EFTP	MA	Effluent Transfer Pump ITT 25@40m-complete	set	12,849.00	
FL1	MA	FLANGE ASSEMBLY SETS UP TO 80MM	sets	25.00	
FL3	MA	FLANGE ASSEMBLY SETS UP TO 200MM	1set	50.00	
FL7	MA	FLANGE ASSEMBLY SETS UP TO 600mm (m30x16)	1set	180.00	
INSCR	MA	Inlet Screen TEMA	Set	25,700.00	
LABEL	MA	Label/name-arrow on pipe to colour codes	each	5.00	
LOUVR2	MA	SS Louvre 600x600	item	370.00	
LOVRI	MA	SS Louvre 1 600x300 size	item	185.00	
MIXERS	MA	Mixers Submercible 1.5kW	set	3,746.00	
MP15DICL	MA	150 dia Dicl Pipe Fl x Sp 1.5M long	1.5m	162.00	
MP22	MA	20mm Hdpe pipe +fitting installed for PW	M	8 per met	
MPU100	MA	100 dia uPVC	m	15.00	
MPU100P	MA	100 dia UPVC Fittings	item	70.00	
MV03S	MA	200 Sluice / gate Valve	No	560.00	
MV05S	MA	500 Sluice/Gate Valve Flanged table D	no	4,800.00	
MV12S	MA	100mm Sluice Valve	ea	250.00	
MV15	MA	150 Sluice Valve	ea	250.00	
MVB04	MA	Ball valve 40 mm GF / d.union s/w ends	each	106.00	
MVB05	MA	Ball valve 50 mm GF / d.union s/w ends	each	118.00	
MVBC4	MA	Ball Check 40mm Valve GF / d.Union s/w ends	each	110.00	
MVBC5	MA	Ball Check 50mm Valve GF / d.Union s/w ends	each	128.00	
PENM	MA	Penstock Installation materials -anchors+sea	set	128.00	
PM	MA	PIPE MARKER TAPE	M	4.00	
PMIX	MA	Mixer installation materials bolts nuts etc	item	160.00	
PRWP	MA	Process Water Pumps complete	item	2,970.00	
PRWPPK	MA	Process Water Pump Package for auto opn	item	2,400.00	
PS	MA	SS Support of the structure to suit detail 1	item	80.00	
PS1	MA	support concrete to hold pipe and valve	item	60.00	
PS2	MA	Small pipe Support	item	25.00	
PSPSTP	MA	Plant Sewerage Pump ITT 2@8 m-complete	set	1,890.00	
PUD3	MA	PUDDLE FLANGE WITH 150DIA WITH SP 670L	ITEM	285.00	
PUD4	MA	PUDDLE FLANGE up to 100DIA WITH SPOOL	ITEM	185.00	
PUD7	MA	PUDDLE FLANGE WITH 300 DIA WITH SPOOL	ITEM	450.00	
PUM	MA	pump installation materials bolts nuts etc	item	120.00	
RASP	MA	Return Activated Sludge Pumps ITT 3.1@4m-com	set	3,419.00	
SCPRE	MA	Screwwash press Meva - Henry Walker/Tema	set	22,600.00	
SLTP	MA	Sludge Transfer Pumps ITT 3.1@6m-complete	set	3,394.00	
SNTP	MA	Supernata Transfer Pump ITT 3.1@15m-complete	set	2,284.00	
SSE	MA	safety shower and eye wash	ITEM	1,800.00	
SSPENSTOCK	MA	SS Penstock APVDC with hand wheel+frame	set	1,360.00	
TANGITBR	MA	Tangit Round Brush - box of 12	box	20.00	
TANGITBRF	MA	Tangit Brush Falt Box of 12	Box	20.00	
TANGITCL	MA	Tangit Cleaner for PVC 250ml - tin	each	4.00	
TANGITSC	MA	Tangit Solvent Cement for PVC - 250g tin	each	6.50	
TANGITTIS	MA	Tangit Tissue box	each	4.00	
TAPSAD	MA	Tapping Saddle 20mm	ex	87.00	

RC	CC	DESCRIPTION	UNIT	RATE	F
TEST	MA	hydro test this section	item	250.00	
TRENCH	MA	Pipe Trench 600 wide in cly soil	m	12.50	
TRENCH1	MA	Pipe Trench 300 wide in cly soil	m	4.00	
VALV	MA	VALVE LEASS THAN 50MM SUPPLY & IS	ITEM	90.00	
VENTFAN	MA	Ceiling Mounted Fan max310 SDI	item	600.00	
WASP	MA	Waste Activated Sludge Pumps ITT 3.1@4m-com	set	3,419.00	
MP21	MA	Piping uPVC 50 mm with fittings installaed	m	18.00	
MP21P	MA	Pipe Fittings for 50 mm pipe ex valves	item	12.00	
PMR	MA	pressure pipe Markers	set	24.00	
FLDRF	MA	Floating Draw off module PFM 1150 ITT	set	4,629.00	
MP35	MA	355 dia HDPE	m	80.00	
MP4F	MA	HDPE Pipe 355 c/w stub flange+back ring	M	575.00	
SSWIRE	MA	6MM SS Cable to hold draw off	M	8.00	
FL6	MA	FLANGE ASSEMBLY SETS UP TO 400mm (m24x16)	1set	138.00	
MP15F	MA	Fittings required for 160 pipe mdpe PN16	item	67.00	
MP6	MA	160 hdpe pipe PN 6.3 PE 80 Pipe 15M length	m	56.00	
MP6F	MA	160 Flange +backing ring welded to hdpe pipe	item	180.00	
FLDRF1	MA	Floating Draw Off set PFM 200 with 160flange	set	1,980.00	
TBKLE	MA	SS Turnbuckle +wire clamping set	set	120.00	
THERMOFILL	MA	Thermally stable fii - ex Readymix -poured	m3	160.00	
MA	MA	Permanent materials, dollar value	\$	1.00	
AGGAP20	MA	AP20 Scoria, tm	m3	22.00	
TOPSOIL_S	MA	topsoil delivered on site tm.	m3	31.00	
CO25	MA	25 Mpa Concrete 20mm -Readymix	m3	160.00	
RESUND	MA	Reinforcing sundries, chairs,spacers etc	t	35.00	
RED16	MA	Mild steel deformed bar 16 dia cut & bent	t	1,480.00	
MISC	MI	Miscellaneous dollar value	\$	1.00	
EA33	PE	LunchRoom 6x2.4	wk	60.00	
EB90	PE	Traffic Barriers Water Filled	dy	11.00	
EB91	PE	Traffic Lights Portable	wk	500.00	
EB92	PE	Road Signs	dy	4.00	
EB93	PE	Traffic Bollards	dy	4.00	
EB94	PE	Traffic Cones	dy	3.00	
EB95	PE	Barricade Mesh 30m Roll	dy	10.00	
EB96	PE	Barricade Post & Rail each	dy	4.00	
EB97	PE	Flashing Lights Batt Operated	dy	4.00	
EB98	PE	Traffic Notice Board	wk	250.00	
EB99	PE	Allowance for Traffic Control Devices	Amt	1.00	
EC17	PE	175cfm Air Compressor	day	73.20	
EA06	PE	12.0m x 3.0m Site Office	wk	110.00	
EB03	PE	Backhoe 5m max depth + fuel & op	hr	55.00	
EC12	PE	12t RT Crane with dogamn	hr	120.00	
ET12	PE	Dual Axel Tipper 12t	hr	55.00	
ET41	PE	Float Trips	No	800.00	
ET43	PE	Semi Trailer Load	No	250.00	
ET49	PE	Heavy / Wide load escort	day	300.00	
SCAFFOLD	PE	6M scaffold to IDEA Tank access	wk	70.00	
SCAFLD	PE	Scaffold 3M	wk	70.00	
ROLL10	PE	Single drum walk behind padfoot roller	day	180.00	
TRUCK	PE	6 wheel truck externally hired	hr	60.00	
PA50	PO	Workshop	mt	200.00	
PC12	PO	Compressor 125 cfm	hr	10.00	
PG11	PO	Generator 10kVa Diesel	dy	60.00	
PP50	PO	50mm Pump	mt	100.00	
PP75	PO	75mm Pump	mt	150.00	
PV11	PO	Sedan 4cyl	dy	40.00	
PV26	PO	Toyota Hilux 4WD	dy	80.00	
PA01	PO	Site Office c/w AC 12m x 3m	mth	350.00	
PA02	PO	Site Office c/w AC 6m x 3m	mt	175.00	
PA21	PO	Ablution Unit 6m x 3m	mth	300.00	

Constructive Computer Services International

# ESTIMATOR V6

## COMPOSITE RESOURCE LISTING

## List of Composite Rates

COMPANY : CONSTRUCTIVE COMPUTER SERVICES

PROJECT : A Sample Project

DATE : Tue 04 Apr 2000 02:48PM

SubTitle : For Printing Sample Reports

Bid Currency : Australian Dollars

COMPOSITE	RC	CC	DESCRIPTION	UNIT	CALC	QUANT	RATE	COST
BACKFILL		+	Backfill with previous excavated material	m3			10.60	
	EXC0120_OP	+	12t excavator operated	hr	1/10	0.10	70.00	7
	L10	LA	Labourer, hourly paid	hr	1/10	0.10	18.00	2
	ROLL10	PE	Single drum walk behind padfoot roller	day	1/100	0.01	180.00	2
EXC0120_OP		+	12t excavator operated	hr			70.00	
	EXC0120	PO	EX120 12 t excavator, incl fuel	hr	1	1.00	50.00	50
	L30	LA	Plant Operator	hr	1	1.00	20.00	20
BACKFILL_S		+	Backfill with ap20 scoria or sim.	m3			43.60	
	AGGAP20	MA	AP20 Scoria, tm	m3	1.5	1.50	22.00	33
	L10	LA	Labourer, hourly paid	hr	1/10	0.10	18.00	2
	LOAD10_OP	+	CAT 910 loader, operated	hr	1/10	0.10	70.00	7
	ROLL10	PE	Single drum walk behind padfoot roller	day	(1/8)/10	0.01	180.00	2
LOAD10_OP		+	CAT 910 loader, operated	hr			70.00	
	LOAD10	PO	CAT910 Loader, 60kW, incl fuel	hr	1	1.00	50.00	50
	L30	LA	Plant Operator	hr	1	1.00	20.00	20
EXC0200_OP		+	20t excavator operated	hr			80.00	
	EXC0200	PO	20 t excavator incl fuel,	hr	1	1.00	60.00	60
	L30	LA	Plant Operator	hr	1	1.00	20.00	20
WASTE		+	Cut to waste, remove off site	m3			17.00	
	EXC0200_OP	+	20t excavator operated	hr	1/30	0.03	80.00	2
	TRUCK	PE	6 wheel truck externally hired	hr	2/15	0.13	60.00	8
	TIPFEE_6W	SC	Tip fees per load, 6 wheeler	No.	1/6	0.17	40.00	7
TOPSOIL_I		+	Import and place topsoil	m3			41.60	
	LOAD10_OP	+	CAT 910 loader, operated	hr	1/20	0.05	70.00	4
	TOPSOIL_S	MA	topsoil delivered on site tm.	m3	1.2	1.20	31.00	37
	L10	LA	Labourer, hourly paid	hr	1/20	0.05	18.00	1
REBAR16		+	Suppl and fix rebar not exc 16 mm dia	t			2,015.00	
	RED16	MA	Mild steel deformed bar 16 dia cut & bent	t	1	1.00	1,480.00	1,480
	RESUND	MA	Reinforcing sundries, chairs, spacers etc	t	1	1.00	35.00	35
	REFIX16	SC	Steelfixing for bars not exc 16 dia	t	1	1.00	500.00	500

Constructive Computer Services International

# ESTIMATOR V6

SINGLE SECTION - GENERAL FORMAT

## Section 'A1'-'PRELIMINARIES AND DOCUMENTATION'

COMPANY : CONSTRUCTIVE COMPUTER SERVICES

PROJECT : A Sample Project

DATE : Tue 04 Apr 2000 02:53PM

SubTitle : For Printing Sample Reports

Bid Currency : Australian Dollars

BOREF	DESCRIPTION	UNIT	QTY	RATE	COST
A1.1	Site Establishment including Temporary Stock Fence adjacent to existing track, accomodation and temporary site services	item	315.00	30.13	9,492
A1.2	Liaison with Telstra,Eastern energy, City of Casey, SEWL for Plant Service Connections	item	4.00	1,117.50	4,470
A1.3	Crushed Rock Road Works For Gentle Annie Drive	cum	1,500.00	8.60	12,900
A1.4	Preparation and Submission of QA and Safet Plans	item	1.00	1,762.00	1,762
A1.5	Preparation and Submission of Working Drawings and documentation	item	1.00	32,456.00	32,456
Totals for Section 'A1'-'PRELIMINARIES AND DOCUMENTATION'					61,080

Constructive Computer Services International

# ESTIMATOR V6

DETAILED ESTIMATE PRINTOUT - USER DEFINED LAYOUT

**GENERAL SUMMARY**

COMPANY : CONSTRUCTIVE COMPUTER SERVICES

PROJECT : Another Project as Sample

DATE : Tue 04 Apr 2000 03:16PM

SubTitle :

Bid Currency : Australian Dollars

CO	SECTION NAME	%COST	UNIT	QTY	RATE	LAB \$	TTL MHR	OTH COST	COST	COST/ GFA
1	Direct Works	44.71	m	21	18,993.14	161,540	4,616	237,316	398,856	
2	PMA	54.73	m2	15	32,550.47			481,282	488,257	
3	section 3	0.56	m3	200	25.00	5,000	143		5,000	
TOTALS FOR SELECTED SECTIONS		100.00				166,540	4,759	718,598	892,113	

## Section '1'-'Direct Works'

COMPANY : CONSTRUCTIVE COMPUTER SERVICES

PROJECT : Another Project as Sample

DATE : Tue 04 Apr 2000 03:16PM

SubTitle :

Bid Currency : Australian Dollars

BQREF	DESCRIPTION	UNIT	QTY	LAB UNIT \$	LAB \$	UNIT MHR	TTL MHR	OTH RATE	OTH COST	RATE	COST
1/A	Mobilisation	Item	1								
1/B	Supply, fabricate,transport and erect structural steelwork	Item	1	3,350.00	3,350	95.71	96	12,010.00	12,010	15,360.00	15,360
1/C	Unload and erect air-cooled exchanger	Item	1	6,570.00	6,570	187.71	188			6,570.00	6,570
1/D	Fabricate, transport and erect piping	Item	1	149,820.00	149,820	4,280.57	4,281	170,261.00	170,261	320,081.00	320,081
1/E	Site painting and insulation	Item	1					43,035.00	43,035	43,035.00	43,035
1/F	Precommissioning	Item	1	1,800.00	1,800	51.43	51	12,010.00	12,010	13,810.00	13,810
1/G	Site cleanup	Item	1								
Totals for Section '1'-'Direct Works'					161,540		4,616		237,316		398,856

Section '2'-'PMA'

PROJECT : Another Project as Sample

SubTitle :

COMPANY : CONSTRUCTIVE COMPUTER SERVICES

DATE : Tue 04 Apr 2000 03:16PM

Bid Currency : Australian Dollars

BQREF	DESCRIPTION	UNIT	QTY	LAB UNIT \$	LAB \$	UNIT MHR	TTL MHR	OTH RATE	OTH COST	RATE	COST
2/A	Offsite Management	item	1					2,820.00	2,820	2,820.00	2,820
2/B	Onsite Management	item	1					55,080.00	55,080	55,080.00	55,080
2/C	Mobilisation	item	1					88,885.00	88,885	88,885.00	88,885
2/D	Demobilisation	item	1					30,400.00	30,400	30,400.00	30,400
2/E	Plant & Equipment	item	1					306,872.00	306,872	306,872.00	306,872
2/F	Site Facilities	item	1					4,200.00	4,200	4,200.00	4,200
Totals for Section '2'-'PMA'									488,257		488,257

Section '3'-section 3'

COMPANY : CONSTRUCTIVE COMPUTER SERVICES

PROJECT : Another Project as Sample

DATE : Tue 04 Apr 2000 03:16PM

SubTitle :

Bid Currency : Australian Dollars

BQREF	DESCRIPTION	UNIT	QTY	LAB UNIT \$	LAB \$	UNIT MHR	TTL MHR	OTH RATE	OTH COST	RATE	COST
1.	Section 3 item 1	m	100	50.00	5,000	1.43	143			50.00	5,000
Totals for Section '3'-section 3'					5,000		143				5,000

# ESTIMATOR V6

## ALTERNATIVE CODING BREAKDOWN

The alternative coding breakdown feature was added for instances where an estimate was setup in trades, or elements, but which then needed to be printed in an alternate form. ie.

If this is our current estimate breakdown:

alternate sample : Editing Section List

Project Edit Goto Worksheet System Window Modules Help

CO	SECTION NAME	UNIT	QTY	DJC
SW	SITWORKS			
CO	CONCRETE			
CS	CONCRETE SUNDRIES			
FK	FORMWORK			
RE	REINFORCEMENT			
TA	TANKING			
TI	TILTUP PRECA			
ST	STRUCTURAL			
BL	BLOCKWORK			
RO	ROOFER AND F			
ME	METALWORK			
SA	CARPENTRY			
PL	PLUMBING			
EL	ELECTRICAL S			
ME	MECHANICAL			
PT	PAINTING			
MI	MISCELLANEO			
MP	MONETARY PR			
DO	DOOR SCHEDU			

alternate sample : Editing Alternate Section List

Project Edit Goto Worksheet System Window Modules Help

CO	SECTION NAME	UNIT	QTY	DJC
PR	Preliminaries			
SB	Substructure			
CL	Columns			
UF	Upper Floors			
SC	Staircases			
RF	Roof			
EW	External Walls			
WW	Windows			
ED	External Doors			
NW	Internal Walls			
NS	Internal Screens and Borrowed Lights			
ND	Internal Doors			
WF	Wall finishes			
FF	Floor Finishes			
CF	Ceiling Finishes			
FT	Fitments			
SE	Special Equipment			
SF	Sanitary Fixtures			
PD	Sanitary Plumbing			
WS	Water Supply			

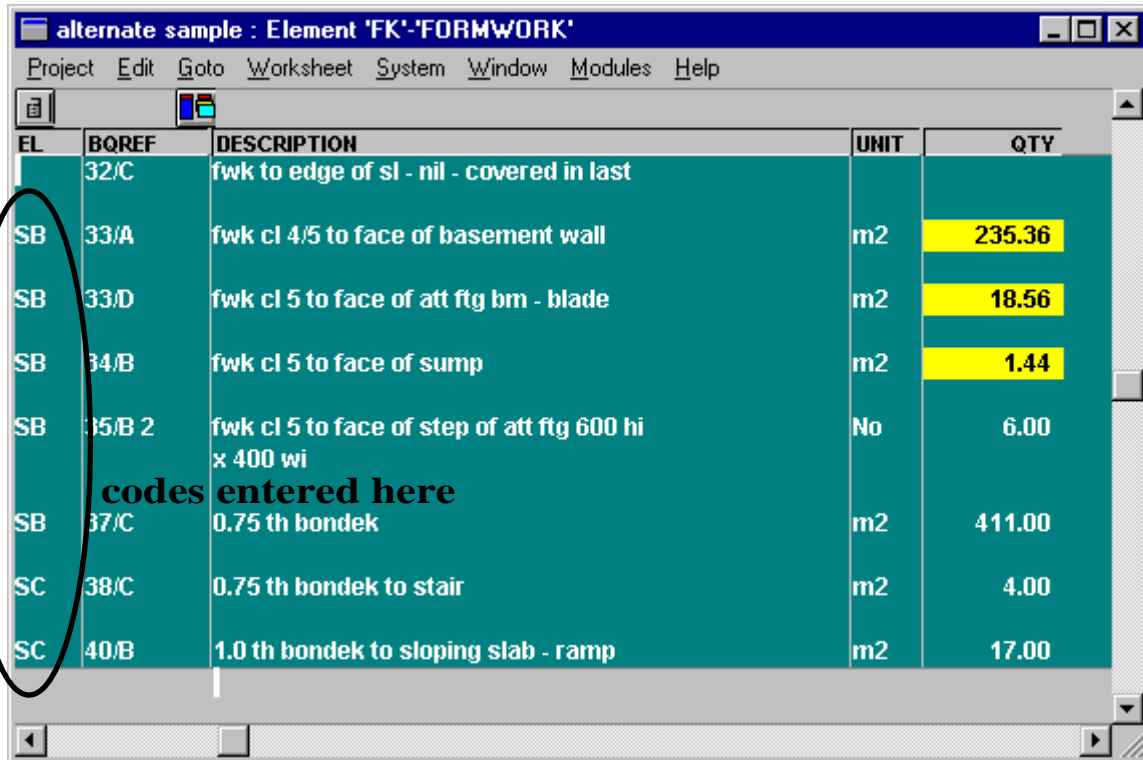
0.00

**and this is the list of codes we wish to sort on**

# ESTIMATOR V6

## ALTERNATIVE CODING BREAKDOWN

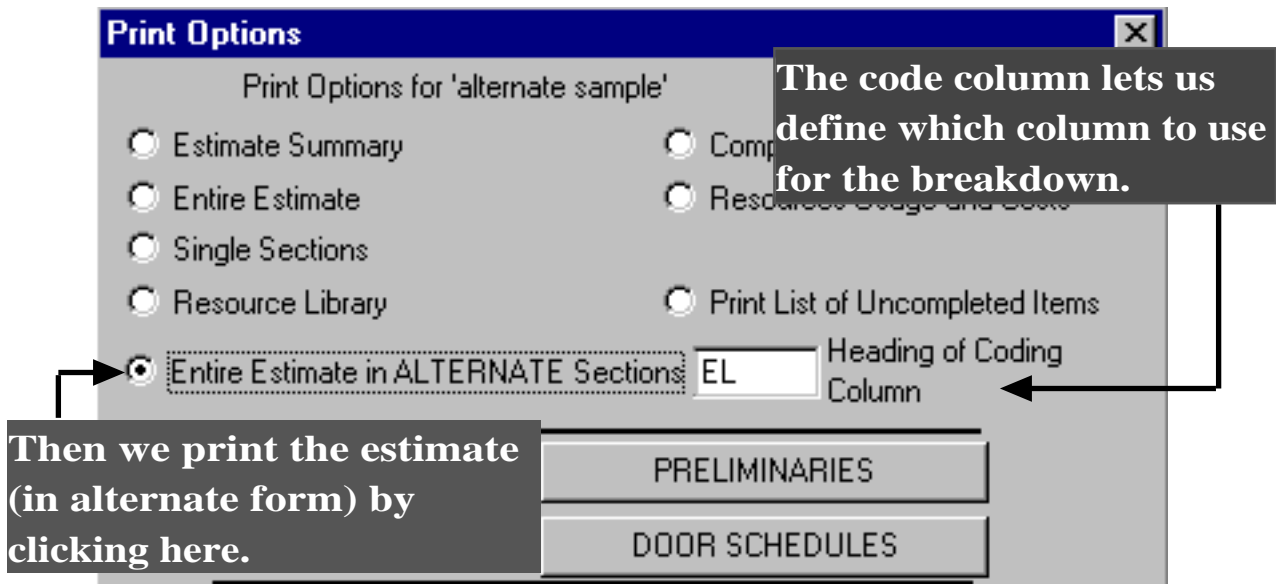
... we simply insert the codes into the estimate worksheet like so:



The screenshot shows a software window titled "alternate sample : Element 'FK'-'FORMWORK'". The window contains a menu bar with "Project", "Edit", "Goto", "Worksheet", "System", "Window", "Modules", and "Help". Below the menu bar is a table with the following columns: "EL", "BQREF", "DESCRIPTION", "UNIT", and "QTY". The table contains several rows of data, with the "QTY" column highlighted in yellow. A vertical oval highlights the "EL" column, and the text "codes entered here" is overlaid on the table.

EL	BQREF	DESCRIPTION	UNIT	QTY
	32/C	fwk to edge of sl - nil - covered in last		
SB	33/A	fwk cl 4/5 to face of basement wall	m2	235.36
SB	33/D	fwk cl 5 to face of att ftg bm - blade	m2	18.56
SB	34/B	fwk cl 5 to face of sump	m2	1.44
SB	35/B 2	fwk cl 5 to face of step of att ftg 600 hi x 400 wi	No	6.00
SB	37/C	0.75 th bondek	m2	411.00
SC	38/C	0.75 th bondek to stair	m2	4.00
SC	40/B	1.0 th bondek to sloping slab - ramp	m2	17.00

And then print the report.



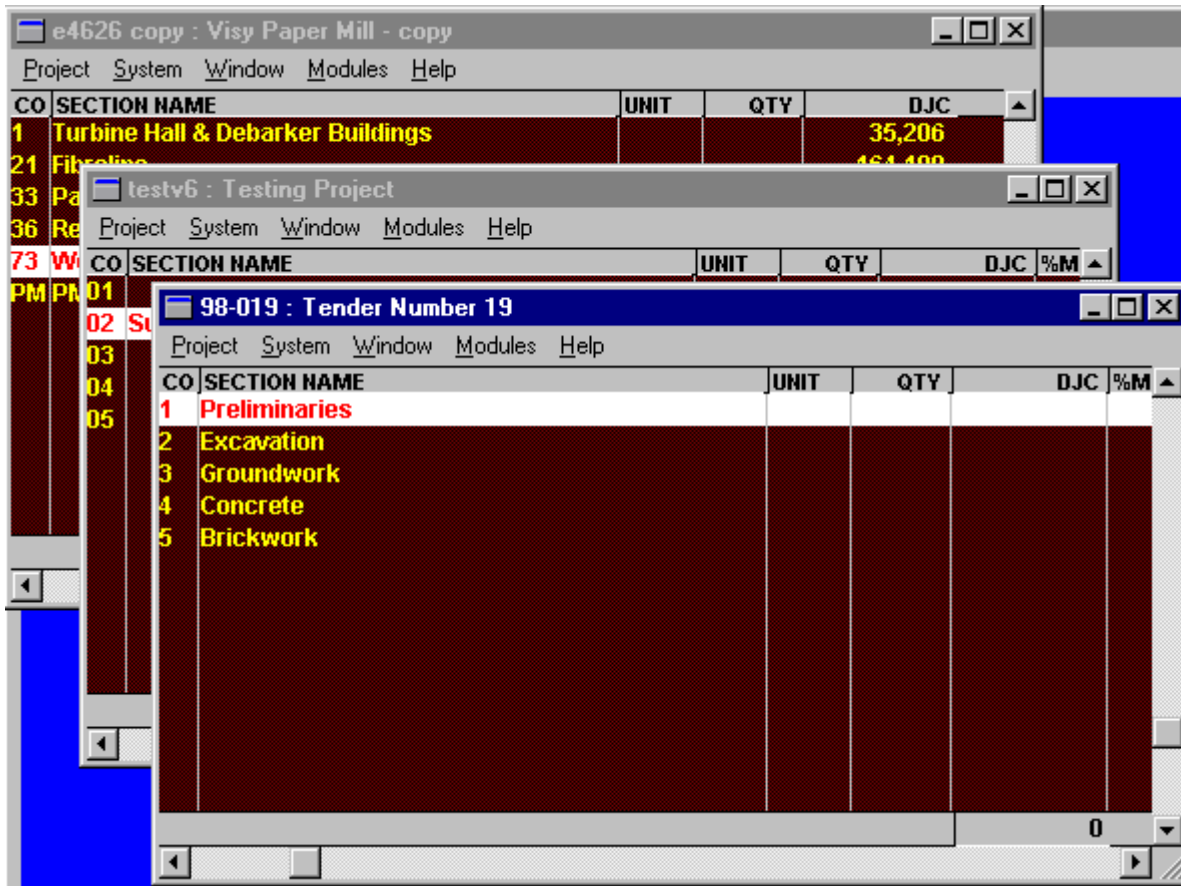
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## ESTIMATOR V6

### MULTIPLE PROJECTS/WORKSHEETS OPEN CONCURRENTLY

It is possible to open more than one estimate worksheet at any given time. Ditto for projects.

Use the menu options to stack worksheets/projects for easier access.



# ESTIMATOR V6

## STANDARD WINDOWS FUNCTIONALITY

Estimator V6 sees the introduction of standard windows functionality within the software such as Cut, Copy, Paste, Undo, Print Preview. The on-line help has also been improved and now uses the standard Windows help system format.

## BACKUP/RESTORE

Backing Up to floppy disks, zip/jazz drives or simply onto another drive on a network is now as easy as selecting Utilities>Do Backup. Restore files from a backup via Utilities>Restore Backup.

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# ESTIMATOR V6

what else is available?

Additional modules available for purchase with Estimator V6 include:

## THE VETTING MODULE

For quick and easy sub-contract comparisons.

## BQPRINT

For producing traditional bills of quantities and schedules of rates.

## THE ANALYSIS MODULE

For producing package/elemental and cost breakdowns and downloading to cost control packages.

WANT TO KNOW MORE?

For more information on Estimator V6 or any of the products listed in this brochure, please contact:

Constructive Computer Services International

Level 1

140 Burwood Highway

Burwood Victoria 3125

Telephone: (+61 3) 9808 3233

Facsimile: (+61 3) 9808 3455

email: [ccs@netspace.net.au](mailto:ccs@netspace.net.au)

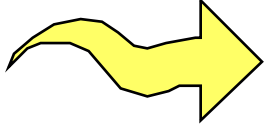
## Who Uses ESTIMATOR ?

Estimator is extremely flexible, and so it is not restricted to one particular estimating application. This makes it the preferred option in multi-discipline organizations looking to standardise their estimating software.

A small sample of our client base which currently exceeds 500 users demonstrates this:

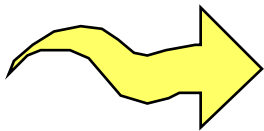
- MEREFIELD, WILDE & WOOLLARD
- MDA
- DONALD CANT WATTS CORKE
- WT PARTNERSHIP
- HANSEN YUNCKEN
- BAULDERSTONE HORNIBROOK
- ENETECH
- JOHN HOLLAND GROUP
- CONSTRUCTION ENGINEERING
- ENTIRE MECHANICAL SERVICES
- STANDARD ROADS
- FLETCHER CONSTRUCTION NEW ZEALAND
- McCONNELL DOWELL CONSTRUCTORS
- HOOKER COCKRAM
- WALTER CONSTRUCTION GROUP
- BHP ENGINEERING
- TRANSFIELD ENVIRONMENTAL SERVICES
- BELLINGHAM MARINE
- ABB ENGINEERING CONSTRUCTION

# What Our Users Say



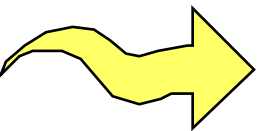
I have used Estimator II for approximately eight years both as a professional QS working for a small consultancy and as an estimator working for a construction company. I have always found the software very flexible and easy to use. I believe that the data input process is one of the most straight forward I have seen or experienced making the package very quick to use. I have also found that formatting and editing data in Estimator II is easier and quicker than in any other package that I have witnessed which makes it particularly suitable for importing and changing data imported from other packages, which often happens when working as a Construction Estimator. Finally the software support on Estimator II is very good and very personable and I have a great willingness for the company to incorporate refinements and improvements based on feedback from end users.

● **Rory Mc Enroe**  
**Senior Estimator**  
**Boulderstone Hornibrook - (Australia)**  
**International Construction Company**



Estimator II has been utilised exclusively across all regions and disciplines within the John Holland Group for more than twelve years. We find Constructive Computer Services a progressive and innovative company as well as being responsive to our user needs. The software suits our organisation, where we have a need to provide a whole range of disciplines including Civil, Mechanical, Electrical, Mining and Building with a "common" tool to ensure a structured consistent approach to the preparation of tenders.

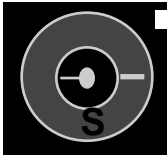
● **David Golightly**  
**General Manager, Technical and Commercial Services**  
**John Holland Group - (Australia)**  
**International Construction Company**



We have been using Estimator II since the mid 80's and we have always found it simple to use. Over the years there have been constant improvements but the system has still maintained it's simplicity. The people are very easy to deal with and act quickly to help with software support. Someone recently asked me, "Why do you use Estimator II?" and I replied, "Because it is the best system available".

● **Stephen Mc Coullough**  
**Associate Director**  
**Donald Cant, Watts, Corke - (Australia)**  
**International Quantity Surveyors**





# CONSTRUCTIVE Computer Services International P/L

- \* Software/Hardware
- \* Complete Systems
- \* Consultants to the Construction Industry

## Version 6 Software Pricelist

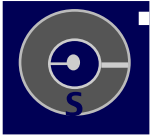
<b>Software Package Name</b>	<b>Initial Licence</b>	<b>Additional Licence(s)</b>
Estimator	* \$ 3,000.00	* \$ 950.00
BQPrint	* \$ 600.00	* \$ 175.00
Vetting Module	* \$ 1,200.00	* \$ 375.00
Analysis Module	N/A	N/A

\* Includes first 12 months software maintenance.

## Software Maintenance Pricelist

<b>Software Package Name</b>	<b>Initial Licence</b>	<b>Additional Licence(s)</b>
Estimator	\$ 600.00	\$ 250.00
BQPrint	\$ 125.00	\$ 50.00
Vetting Module	\$ 250.00	\$ 100.00
Analysis Module	N/A	N/A

\* Software Maintenance covers all software support and upgrades for a 12 month period.



**CONSTRUCTIVE**  
**Computer Services**  
**International P/L**

## ESTIMATOR VERSION 6

### ORDER FORM

TO: Constructive Computer Services International	Date:
ATTENTION: Rula Rozakeas	Date Required:
FAX No.: (03) 9808 3455	E-mail:

For delivery to:

COMPANY:	CONTACT:
	ORDER NUMBER:
ADDRESS:	
TELEPHONE.:	FACSIMILE:

Please Supply:

- x Estimator Version 6 licence(s) \$ \_\_\_\_\_ .00
- x BQPrint Module(s) \$ \_\_\_\_\_ .00
- x Analysis Module(s) \$ \_\_\_\_\_ .00
- x Vetting Module(s) \$ \_\_\_\_\_ .00

TOTAL THIS ORDER: \$ \_\_\_\_\_ .00

Network  Stand Alone (Please tick one)

Licensed User Name: \_\_\_\_\_  
 (To appear on all reports)

Special Instructions:

\_\_\_\_\_

\_\_\_\_\_

Signed: \_\_\_\_\_

Position: \_\_\_\_\_