



With Sonia Giofches

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ABOUT CT MANAGEMENT GROUP

CT Management Group is an experienced provider of consulting and professional services to the Local Government sector, other Government Agencies and Not-for-profit organisations nationally.

Our services operate over the areas of

- Financial Management
- Asset Management
- Service Planning
- Governance
- Contract and Project Management
- Professional Placement

We acknowledge the Traditional Owners of the land on which we meet today and pay our respects to Elders past and present.

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FINANCIAL SUSTAINABILITY PRODUCT RELATIONSHIPS

Service Planning Service Cost Evaluation Model (SCEM)

Range of Services Community Level of Service Cost of Service Comparative Choice Service Priorities Service Reviews

Financial Sustainability

Long Term Financial Plan (LTFP)

Financial Sustainability Review Rating Strategies VAGO Indicators Financial Performance Indicators Benchmarking Asset Management Predictive Modelling

Asset Condition Renewal Demand Useful Lives Risk Management Technical Levels of Service Asset Valuation Asset Management Strategy, Policy, Plans

Capital Works Capital Works Evaluator (CWE)

Project Evaluation Whole of Life Costs Priorities of New and Upgrade Projects



LONG TERM FINANCIAL PLAN OVERVIEW

- Our Long Term Financial Plan measures financial performance and sustainability and informs Council policy
- High level, interactive product with dashboard analysis for testing scenarios and creating presentations to Executive Management and Council
- Currently over 30 Council clients across Victoria, Tasmania and New South Wales. The predominant users being in Victoria
- We meet with our users annually seeking input and feedback into development keeping our model up to date and relevant
- Our model is written in Excel making it affordable, portable and easy to use
- The model is made up of 40 worksheets, the first in sections of inputs, calculations and outputs, with the last 20 enabling entry of the Capital Works Program
- Produces all the necessary elements of the Long Term Financial Plan as required by the Local Government Act (Vic) 2020

CT Management Group 2020



LONG TERM FINANCIAL PLAN FEATURES

- Produces standard Financial Statements and Statement of Capital Works up to 20 years
- Dashboard analysis that includes VAGO and LGPRF Indicators up to 20 years
- Financial ratio charts and Local Government Model Budget outputs
- Ability to develop different assumptions for growth and indexation
- Integrated asset management planning projecting values by asset class via revaluations, contributions, acquisitions, disposals and depreciation supporting 10 year Asset Management Plans
- Build and maintain a 20 year capital works program and model different funding alternatives via worksheets in the model or integration with our Capital Works Evaluator
- Ability to model rates, track reserves, forecast borrowings, waste accounting, assets held for resale, investment properties, intangible assets and leases



ooard_O Ratios_O Charts_O FinancialStater	ments_O C Bud	lget_0	>Model_B	udget_O	RateSe	Set_O Budget_Capex_O			Forecast_Capex_O		
ABC Shire Council											
Budgeted Comprehensive Income Statement											
	Forecast										
For the four years ending 30 June 2025	Actual	Budget	F	rojections							
	2020/21 \$'000	2021/22 \$'000	2022/23 \$'000	2023/24 \$'000	2024/25 \$'000	2025/26 \$'000	2026/27 \$'000	2027/28 \$'000	2028/29 \$'000	2029/30 \$'000	
Income											
Rates and charges	37,524	46.431	47.857	49.328	50.843	53.037	54,446	55,900	57,412	57,766	
Statutory fees and fines	1,347	1.381	1,415	1,451	1,487	1,524	1,562	1,601	1,641	1,682	
User fees	1,997	2,057	2,119	2,182	2,248	2,315	2,385	2,456	2,530	2,530	
Grants - Operating	6,255	11,563	11.810	12,113	12.321	12,617	12,856	13,133	13,417	13,737	
Grants - Capital	9,713	9.713	9.663	9,713	9,713	9,168	9,228	9,290	9,353	9.369	
Contributions - monetary	854	875	897	920	943	966	990	1,015	1,041	1,067	
Contributions - non-monetary	200	200	200	200	200	200	200	200	200	-	
Net gain/(loss) on disposal of property, infrastructure, plant and equipment	(117)	632	430	374	50	(25)	30	(25)	(232)	-	
Fair value adjustments for investment property	-	-	-	-	-	-	-		-	-	
Net gain/(loss) on disposal of investment property		-	-	-	-	-	-	-	-	-	
Net gain/(loss) on disposal of intangible assets	-	-	-	-	-	-	-	-	-	-	
Share of net profits/(losses) of associates and joint ventures	(10)	10	50	50	50	50	50	50	50	50	
Other income	1,095	916	816	726	722	724	729	696	695	710	
Total Income	58,858	73,778	75,256	77,056	78,577	80,577	82,476	84,317	86,107	86,911	
Expenses											
Employee costs	(21,939)	(18,555)	(19,537)	(20,569)	(21,652)	(22,788)	(23,982)	(25,236)	(26,551)	(27,935)	
Materials and services	(22,950)	(24,229)	(25,579)	(27,007)	(28,512)	(30,101)	(31,779)	(33,552)	(35,422)	(37,033)	
Depreciation	(10,262)	(9,977)	(10,542)	(11,208)	(11,717)	(11,915)	(11,922)	(11,873)	(12,369)	-	
Amortisation - intangible assets		(875)	(875)	(875)	(875)	(875)	(875)	(875)	(875)	(875)	
Amortisation - right of use assets	-	-	-	-	-	-	-	-	-	-	
Bad and doubtful debts	(10)	(15)	(15)	(15)	(15)	(16)	(16)	(17)	(17)	(17)	
Borrowing costs	(154)	(67)	(62)	(135)	(357)	(349)	(375)	(375)	(361)	(234)	
Finance Costs - leases	-	-	-	-	-	-	-		-	-	
Other expenses	(816)	(1,135)	(1,663)	(632)	(1,137)	(649)	(682)	(1,561)	(2,624)	(791)	
Total Expenses	(56,131)	(54,853)	(58,272)	(60,441)	(64,264)	(66,693)	(69,631)	(73,489)	(78,219)	(66,886)	
Surplus/(deficit) for the year	2,727	18,925	16,984	16,616	14,313	13,884	12,845	10,829	7,888	20,024	
Other comprehensive income											
Items that will not be reclassified to surplus or deficit in future periods:											
Net asset revaluation increment /(decrement)	4,892	11,966	13,018	13,027	13,709	14,245	14,865	15,403	15,893	16,421	
Share of other comprehensive income of associates and joint ventures	-	-	-	-	-	-	-	-	-	-	
Items that may be reclassified to surplus or deficit in future periods		-	-	-	-	-	-	-	-	-	
Total comprehensive result	7,619	30,891	30,002	29,643	28,021	28,129	27,711	26,231	23,781	36,445	

The Budget_O worksheet contains the comprehensive income statement, balance sheet, statement of changes in equity, statement of cash flows, capital works statement and statement of human resources for the 4-year budget and 10-year long term financial plan



Dashboard_C) Ratios_O	Charts_O	FinancialStatements_O	Budget_O	Model_Budget_O	RateSet_O	Budget_Cap	oex_O Forecas	st_Capex_O	Checks
19.01.18	Model Budge	et Ref G12 - 4.1.5	i							
	_	4.1.5 Contributio	ns							
						Forecast				
		Contributions				Actual 2020/21 \$'000	Budget 2021/22 \$'000	Change \$'000	Change %	
		Monetary				854	875	21	2.5%	
		Non-monetary				200	200	-	0.0%	
		Total contribution	IS			1,054	1,075	21	2.0%	
							,			

19.01.19 Model Budget Ref G12 - 4.1.6

4.1.6 Other Income

Other Income	Forecast Actual 2020/21 \$'000	Budget 2021/22 \$'000	Change \$'000	Change %
Interest	612	398	(214)	-35.0%
Dividends	-	-	-	0.0%
Investment property rental	-	-	-	0.0%
Other income	-	-	-	0.0%
Total other income	612	398	(214)	-35.0%

19.01.20 Model Budget Ref G12 - 4.1.7

4.1.7 Employee Costs

Employee Costs	Forecast Actual 2020/21	Budget 2021/22	Change	Change
	\$'000	\$'000	\$'000	%
Wages and salaries	64,265	66,936	2,671	4.2%
WorkCover	2,589	3,160	571	22.1%
Superannuation	6,105	6,359	254	4.2%
Other employee costs	1,215	1,526	311	25.6%
Total employee costs	74,174	77,981	3,807	5.1%

Current Model Budget charts and tables are in the Model_Budget_O sheet



	Dashboard_O	Ratios_O	Charts_O	FinancialStatements_O	Budget_O	Model_Budget_O	RateSet_O	Budget_Capex_O	Forecast_Capex_O	Checks
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ABC Shire Council Capital Works Program

For the year ending 30 June 2022

New Works

			Asset exp	enditure type			Summary of fu	nding sources	
Capital Works Area	Project cost \$'000	New \$'000	Renewal \$'000	Upgrade \$'000	Expansion \$'000	Grants \$'000	Contributions \$'000	Council cash \$'000	Borrowings \$'000
Property									
Land	12,000	12.000	_	_	_	_	_	12.000	_
Land improvements	50	.2,000	25	-	25	-	-	,2,000	-
Total land	12,050	12,000	25	-	25	-	_	12,050	-
Buildings	10	3	5	2		-	_	10	-
Heritage buildings			-	-	-	-	-	-	-
Building improvements	_	_	_	_	_	-	_	-	-
Leasehold improvements	_	_	_	-	-	_	-	-	-
Total buildings	10	3	5	2	-	-	-	10	-
Total property	12,060	12,003	30	2	25	_	-	12,060	-
Plant and equipment		12,000						12,000	
Heritage plant and equipment	-	-	-	-	-	-	-	-	-
Plant, machinery and equipment	25	24	1	-	-	-	-	25	-
Fixtures, fittings and furniture	45	18	9	9	9	-	-	45	-
Computers and telecommunications	95	95	-	-	-	-	-	95	-
Library books	-	-	-	-	-	-	-	-	-
Total plant and equipment	165	137	10	9	9	-	-	165	-
Infrastructure									
Roads	9,500	-	4,750	-	4,750	-	-	9,500	-
Bridges	2,354	235	471	235	1,412	-	-	2,354	-
Footpaths and cycleways	10	-	10	-	-	-	-	10	-
Drainage	36	34	2	-	-	-	-	36	-
Recreational, leisure and community facilities	11	11	-	-	-	-	-	11	-
Waste management	-	-	-	-	-	-	-	-	-
Parks, open space and streetscapes	-	-	-	-	-	-	-	-	-
Aerodromes	-	-	-	-	-	-	-	-	-
Off street car parks	25	-	25	-	-	-	-	25	-
Other infrastructure	15	-	15	-	-	-	-	15	-
Total infrastructure	11,951	281	5,273	235	6,162	-	-	11,951	-
Total capital works expenditure	24,176	12,420	5,313	246	6,196	-	-	24,176	-

The capital works statements for the 4-year budget in the required format are in the Budget_Capex_O worksheet

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LONG TERM FINANCIAL PLAN OUTPUTS

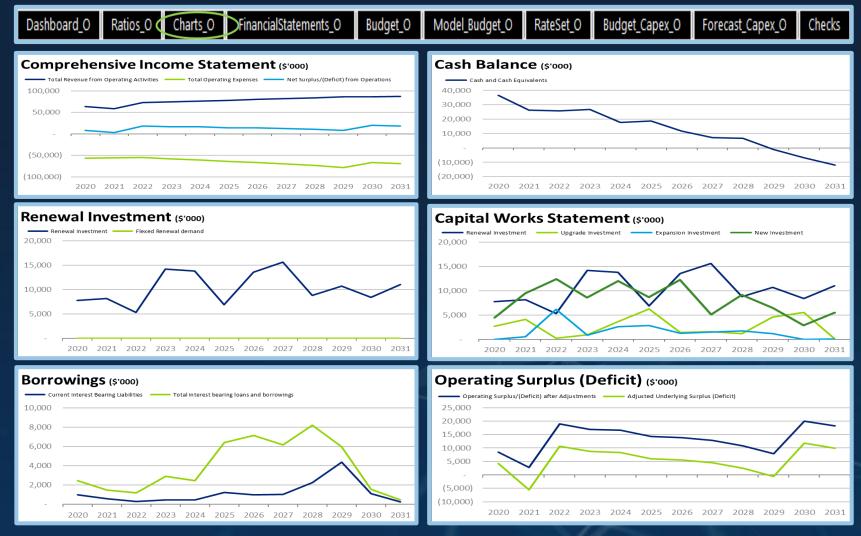
Dashboard_O Ratios_O Charts_O) Final	ncialStatements_O	Bud	get_O	Model_E	Budget_O	Rate	Set_O	Budget_	Capex_O	Forecast_Capex_O		ex_O	Checks
15.01 Flags		Units												
Period start Period end			1 Jul 19 30 Jun 20	1 Jul 20 30 Jun 21	1 Jul 21 30 Jun 22	1 Jul 22 30 Jun 23	1 Jul 23 30 Jun 24	1 Jul 24 30 Jun 25	1 Jul 25 30 Jun 26	1 Jul 26 30 Jun 27	1 Jul 27 30 Jun 28	1 Jul 28 30 Jun 29	1 Jul 29 30 Jun 30	1 Jul 30 30 Jun 31
15.02 VAGO Ratios														
15.02.01 VAGO Ratios Net result Adjusted underlying result Liquidity Internal financing Indebtedness Capital replacement ratio Renewal gap ratio		X * X X * *	13.0% 7.1% 3.34 111.6% 29.9% 1.58 1.10	4.6% (10.9%) 3.60 60.8% 33.2% 1.93 1.20	25.9% 16.3% 7.03 98.0% 29.4% 2.54 0.56	22.7% 13.0% 53.85 95.5% 35.3% 2.56 1.44	21.7% 12.1% (7.40) 74.4% 32.2% 3.12 1.56	18.2% 8.5% (4.10) 90.3% 35.4% 2.31 1.12	17.2% 7.7% (1.74) 76.3% 34.0% 2.63 1.26	15.6% 6.1% (0.95) 85.9% 30.3% 2.19 1.44	12.8% 3.2% (0.74) 90.2% 30.8% 1.91 0.84	9.1% (0.7%) (0.29) 79.2% 25.2% 2.01 1.23	23.1% 15.0% (0.02) 93.4% 23.3% N/A N/A	20.9% 12.6% 0.13 77.8% 21.8% N/A N/A
15.03 Local Government Performance Reporting Framework														
15.03.01 Operating position Net result 15.03.02 Liquidity		х.	13.0%	4.6%	25.9%	22.7%	21.7%	18.2%	17.2%	15.6%	12.8%	9.1%	23.1%	20.9%
Working capital (current assets as a percentage of current lial Unrestricted cash (unrestricted cash compared to current liab		% %	333.7% 0.0%	359.6% 288.6%	702.8% 557.9%	5385.0% 4208.6%	-739.7% -513.6%	-410.3% -288.3%	-174.2% -101.4%	-94.5% -41.4%	-74.0% -30.8%	-29.1% 9.3%	-1.9% 27.0%	13.0% 36.8%
15.03.03 Obligations Loans and borrowings (as a percentage of rate revenue) Loans and borrowings payments (as a percentage of rate revended) Indebtedness (Non-current liabilities compared to own-source Asset renew al (compared to depreciation)		X X X X	6.7% 3.7% 29.9% 82.3%	3.9% 3.0% 33.2% 79.8%	2.6% 0.7% 29.4% 53.3%	6.1% 0.7% 35.3% 135.1%	5.0% 1.2% 32.2% 123.4%	12.6% 2.8% 35.4% 58.7%	13.5% 3.0% 34.0% 113.7%	11.4% 2.5% 30.3% 130.9%	14.8% 3.4% 30.8% 74.2%	10.4% 4.6% 25.2% 86.4%	2.7% 8.0% 23.3% N/A	0.8% 2.0% 21.8% N/A
15.03.04 Stability Rates concentration (Rates compared to adjusted underlying Rates effort (Rates compared to property values)	revenue)	× ×	60.4% N/A	74.1% 0.7%	70.5% 0.8%	71.1% 0.8%	71.4% 0.8%	72.0% 0.8%	73.1% 0.8%	73.1% 0.8%	73.3% 0.7%	73.5% 0.7%	73.0% 0.7%	73.1% 0.7%
15.03.05 Efficiency Expenditure level (expenditure per property assessment) Revenue level (Average residential rate per residential proper Workforce turnover (Resignations and terminations as a X of s		\$ assessment \$ assessment %	3,850.5 - N/A	3,808.1 - N/A	3,691.3 2,168.2 N/A	3,889.3 2,227.9 N/A	4,000.9 2,289.2 N/A	4,219.1 2,352.3 N/A	4,342.2 2,417.1 N/A	4,496.1 2,483.7 N/A	4,706.1 2,552.1 N/A	4,967.7 2,622.4 N/A	4,212.9 2,694.6 N/A	4,316.9 2,768.8 N/A
15.03.06 Sustainable capacity indicators Own source revenue (per capita) Recurrent grants (per capita) Total expenditure (per capita) Infrastructure (per capita) Population density per KM of road Relative socio-economic disadvantage		\$ / capita \$ / capita \$ / capita 9 / capita Population / km Decile	N∕A N∕A N∕A N∕A -	N/A N/A N/A N/A	NVA NVA NVA NVA -	N/A N/A N/A N/A -	N/A N/A N/A N/A -	N/A N/A N/A N/A -	N/A N/A N/A N/A -	N/A N/A N/A N/A -	N/A N/A N/A N/A -	N/A N/A N/A N/A -	N/A N/A N/A N/A -	N/A N/A N/A N/A -

VAGO and LGPRF Indicators CTMG Ratios

Ratio formula calculations shown underneath indicators within this sheet

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34 indicators presented graphically reside in the Charts_O sheet



Dashboard_O	Ratios_O	Charts_O	FinancialStatements_O	Budget_O	Model_Budget_O	RateSet_O	Budget_Capex_O	Forecast_Capex_O	Checks
Checks Scenario:	n cial Plan eaches: 0. Active er Low Scenario	rror alerts: 0	ОК ОК						
23.01 Summary	Error check br	reaches: 0. Active er	ror alerts: 0	ОК					_
23.02 Checks						The	e checks w	orksheet	1
23.02.01 23.02.02	Cashflow equ Budget Financia Net Assets = I Cash check Capital works Capital works Comprehensiv	t Total Equity Capital Works alai balance sheet als al Statements Equity	check	ОК ОК ОК ОК ОК ОК ОК		summ ensu ir gener finar enat	narises erro ure there an nput mistak	or checks to re no data es that inces in the nents and er to trace	
23.02.03	Historical Bala Historical Clos Historical Capi	dget, Forecast, LTFP unce Sheet Assumpti sing Cash Equal to Ba ital Works Statement and Equipment Assets	ons	ок ок ок ок ок	\mathbf{k}			4	
23.02.04	Capital Works E	valuator			The second second				
	Check			ОК					
23.02.05	Total Rates			ОК					
23.02.06	Total number of	checks		ОК					



CAPITAL WORKS EVALUATOR OVERVIEW

- Evaluates competing eligible capital works projects and assists Council in managing and prioritising its capital works program
- The model is written in Excel and is user friendly with a basic knowledge of excel required
- Caters for entry of 600 capital works projects
- Multi criteria prioritisation of projects across asset classes
- Ability to enter a 40 year capital works program
- Fully calculated and escalated whole of life costs
- Ability to run multiple project priority scenarios
- Exports project priority choices into the Long Term Financial Plan with the option to include individual projects



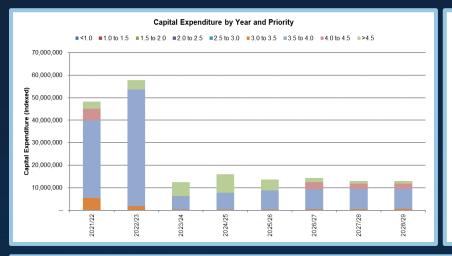
CAPITAL WORKS EVALUATOR OUTPUTS

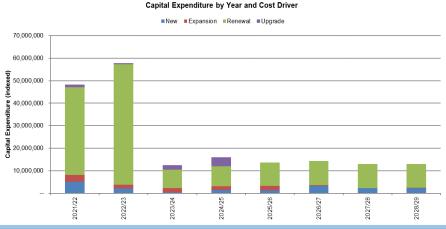
REPORTS

- Capital expenditure by funding source per project
- Capital expenditure by financial year per project
- Capital expenditure allocation by service
- Capital expenditure by department per year per project
- Capital expenditure by priority per year
- Operational cost increases per year
- 20 year capital works program for integration into the Long Term Financial Plan

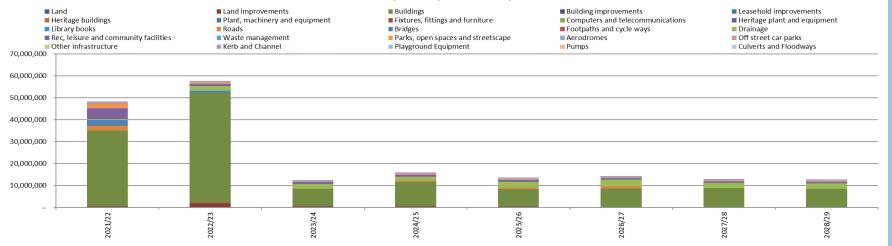


CAPITAL WORKS EVALUATOR OUTPUTS



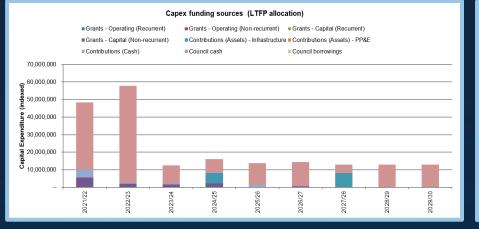


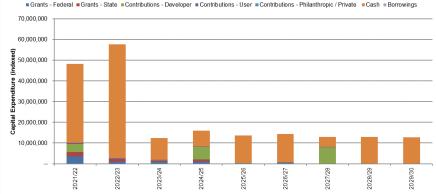
Infrastructure Assets Capital Expenditure by Year and Asset Class





CAPITAL WORKS EVALUATOR OUTPUTS





Capex funding sources (Budget allocation)

6.02.01 Capital expenditure by priority and year (\$ Nominal)

Priority	Total	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30
<1.0	\$ 									
1.0 to 1.5	\$ 									
1.5 to 2.0	\$ 									
2.0 to 2.5	\$ 									
2.5 to 3.0	\$ 									
3.0 to 3.5	\$ 10,560,068	5,500,060	1,804,396	280,372	230,848	312,432	418,812	543,540	674,140	795,468
3.5 to 4.0	\$ 143,620,008	34,453,543	51,815,595	6,098,388	7,587,914	8,542,871	8,850,504	9,014,816	8,807,781	8,448,596
4.0 to 4.5	\$ 15,241,738	5,050,000					3,230,134	2,274,737	2,320,231	2,366,636
>4.5	\$ 31,739,995	3,258,804	4,078,398	6,043,092	8,200,901	4,823,374	1,808,228	1,155,978	1,154,162	1,217,058
Total	\$ 201,161,809	48,262,407	57,698,389	12,421,852	16,019,663	13,678,677	14,307,678	12,989,070	12,956,314	12,827,758

6.02.02 Capital expenditure by nature and year (\$ Nominal)

Work type	Total	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30
New	\$ 20,880,720	5,140,000	2,150,000	500,000	1,543,061	1,355,922	3,230,134	2,274,737	2,320,231	2,366,636
Expansion	\$ 10,710,833	3,007,050	1,660,596	1,803,020	1,547,141	1,993,026	400,000	100,000	100,000	100,000
Renew al	\$ 162,070,256	39,015,357	53,487,793	8,118,832	8,929,462	10,329,729	10,677,544	10,614,334	10,536,083	10,361,122
Upgrade	\$ 7,500,000	1,100,000	400,000	2,000,000	4,000,000					
Total	\$ 201,161,809	48,262,407	57,698,389	12,421,852	16,019,663	13,678,677	14,307,678	12,989,070	12,956,314	12,827,758



FURTHER INFORMATION

FOR FURTHER INFORMATION ON OUR FINANCIAL PRODUCTS OR AN ONLINE DEMONSTRATION, PLEASE CONTACT

Sonia Giofches, Financial Services Manager E: <u>soniag@ctman.com.au</u> M: 0418 534 268

Products can be purchased under a 3 year licence agreement which includes

Licence Fee Set up and establishment of products Training 6 hours remote technical support per annum (LTFP) 2 hours remote technical support per annum (CWE) Annual user group meeting (LTFP) Annual upgrade and rollover of data

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