

Calculation Guide

Estate Master DF Input Sheet

May 2014



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Introduction

Estate Master has put together this document to to assist users in understanding the way the software calculates data entered into the input sheet of Estate Master DF.



Input Worksheet

1. GST

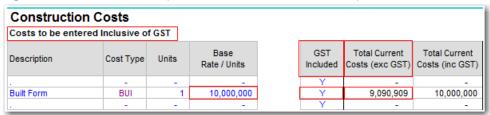
The preferences chosen for the model will affect the way the total costs are calculated.

If the 'Inclusive of GST/VAT' preference is selected (Fig. 1), the model will assume that the amounts designated in the inputs section already includes GST/VAT, and so the 'Total Current Costs (inc GST/VAT)' will not change, but it will subtract GST/VAT to calculate 'Total Current Costs (exc GST/VAT)' field as shown below (Fig. 2) to work out the tax exclusive amount (if the GST/VAT input is not 'N' or zero).

Figure 1 - Cost and Revenue Input Preferences



Figure 2 - Total Current Costs (with Inclusive of GST/VAT selected)



If the 'Exclusive of GST/VAT' preference is selected (Fig. 3), the model will assume that the amounts designated in the inputs section don't include GST/VAT yet, and so the 'Total Current Costs (exc GST/VAT)' will not change, but it will add GST/VAT to calculate 'Total Current Costs (inc GST/VAT)' field as shown below (Fig. 4) to work out the tax exclusive amount (if the GST/VAT input is not 'N' or zero).

Figure 3 - Cost and Revenue Input Preferences



Figure 4 - Total Current Costs (with Exclusive of GST/VAT selected)

Construction Costs									
Costs to be ente	ered Exclusive o	f GST							
Description	Cost Type	Units	Base Rate / Units	Add GST	Total Current Costs (exc GST)	Total Current Costs (inc GST)			
	-	-	_	Y	_	_			
Built Form	BUI	1	10,000,000	Y	10,000,000	11,000,000			
	-	-	-	Y	-	-			

① Note: For the purpose of this Calculation Guide, it is assumed that costs have been entered 'Inclusive' of Tax.

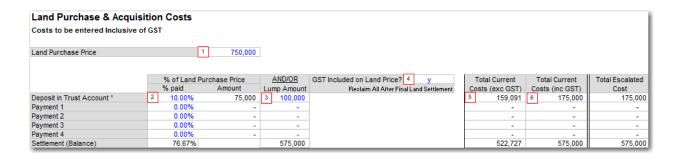


2. Land Purchase

When calculating Land Purchase the 'Total Escalated Cost' is equal to the 'Total Current Costs' as the land is generally purchased at the start of the project and thus there is no escalation. If delayed land payments occur in the project, this can be addressed with staged land payments and manual adjustments to the value to reflect escalation.

<u>Calculation – Land Payments</u>

	Formula	Example
1	(Land Purchase Price	(750,000
	Multiplied by	X
2	Percentage Rate	10%
	Plus	+
3	Lump Amount)	100,000)
	Multiplied by	X
41	Taxation Factor on Project Costs	0.909090909
5	Total Current Costs (exc GST/VAT)	159,091
	Multiplied by	X
4	1 + GST/VAT Rate (assuming 10% tax rate)	110.00%
6	Total Current Costs (inc GST/VAT)	175,000





Calculation – Stamp Duty

Estate Master has an inbuilt Stamp Duty calculator based on tables for different regions (see 'Taxes & Duties' worksheet). Each table has the following columns:

- Rating Land Value Thresholds: The upper value of the dutiable land value range.
- Tax Amount: The fee that is payable in addition to the rate.
- Rate: The percentage marginal rate on the dutiable value of land.

	Formula	Example
1	Tax Amount (for the Threshold that the Land Price falls in)	8,990
	Plus	+
2	Tax Rate (for the Threshold that the Land Price falls in)	4.50%
	Multiplied by	Χ
31	(Imported Land Value for Duty Calculations	(750,000
	Minus	-
4	Threshold Minimum)	300,001)
5	Total Costs	29.240

Figure 5 - Taxes & Duties Sheet

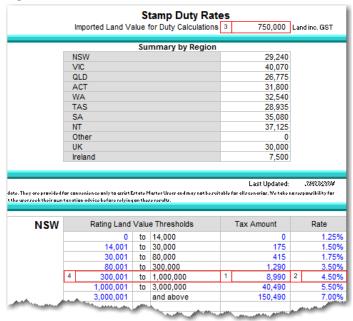


Figure 6 - Input Sheet



① Note: There is no escalation or GST/VAT applicable on Stamp Duty.

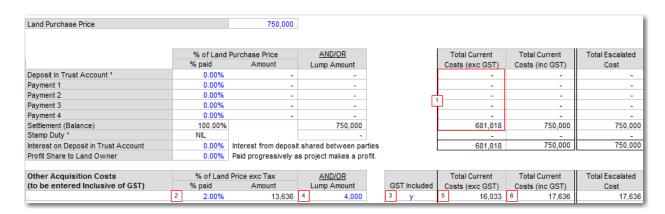


3. Other Acquisition Costs

This section is where other costs relating to the acquisition of land are represented. These costs may include fees for services such as legal fees or valuation etc.

Calculation

	Formula	Example
1	(Total Land exc Tax	(681,818
	Multiplied by	Χ
2	% of Land Price	2%
	Plus	+
4	Lump Amount)	4,000)
	Multiplied by	X
31	Taxation Factor on Project Costs	0.909090909
5	Total Current Costs (exc GST/VAT)	16,033
	Multiplied by	X
3	1 + GST/VAT Rate (assuming 10% tax rate)	110.00%
6	Total Current Costs (inc GST/VAT)	17,636





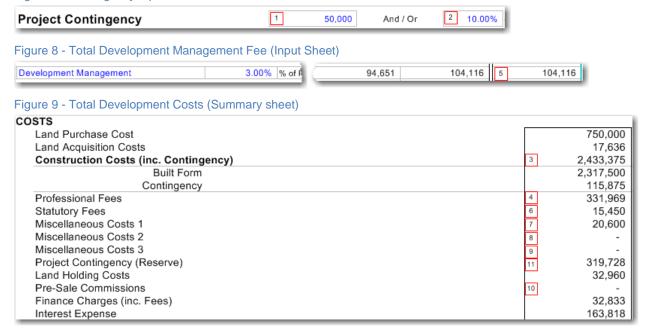
4. Project Contingency

The Project Contingency input represents the 'project reserve' and can be input as a fixed amount and/or a percentage of development costs (Construction, Professional Fees exc Development Mgmt Fee, Statutory Fees, Miscellaneous Costs and Pre Sale Commissions that are treated as a project cost, inclusive of any GST/VAT). The Project Contingency is automatically applied pro-rata with those development costs.

Calculation

	Formula	Example
1	Lump Amount	50,000
	Plus	+
2	Percentage	10%
	Multiplied by	X
3	(Total Escalated Construction Costs	(2,433,375
	Plus	+
4	Total Escalated Professional Fees Costs	331,969
	Minus	-
5	Total Escalated Development Management Fee	104,116
	Plus	+
6	Total Escalated Statutory Fees	15,450
	Plus	+
7	Total Escalated Misc Costs 1	20,600
	Plus	+
8	Total Escalated Misc Costs 2	0
	Plus	+
9	Total Escalated Misc Costs 3	0
	Plus	+
10	Total Pre Sale Commissions)	0)
11	Total Project Contingency	319,728

Figure 7 - Contingency Input

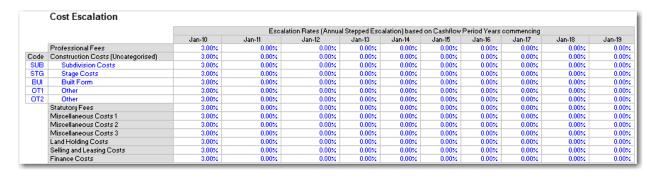


① Note: In the Preferences, under Calculations>Project Costs, there is a check box to 'Show Presale Commissions as a Project Cost'. If this is selected, then the Presale Commissions are treated as a Project Cost, and therefore included in the above calculation.



5. Cost Escalation

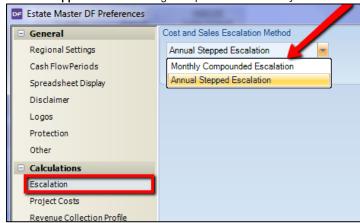
The Cost Escalation table sets the amount of escalation used in the calculation of the total escalated cost amounts.



There are 2 options that control how escalation is applied via the Preferences.

1. **Periodic Compounded Escalation:** E.g. 5% per annum, which equates to 0.41% compounded monthly.





Escalation can also be toggled on/off for individual cost items using different input settings:

- **E** = Escalates the total cost to its start date, then apportions that over the span period.
- R = Escalates the cost to its start date and continues the escalation through the span period.
- N = Does not apply escalation (this is the default if you leave the escalation input blank).

% of Construct. 1	AND / OR No. Units	Base Rate / Unit	Escalate (E,R,N)	
0.00%	-	-	-	
10.00%	2	5,000	R	-
0.00%	-	-	None	
0.00%	-	-	E	
0.00%	-	-	N	V

① Note: For the purposes of this Calculation Guide, we have assumed no cost escalation in the examples.



Calculation Example

Assumptions:

Total Cost: 1,000,000

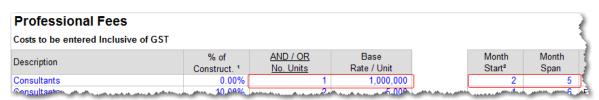
Start Month: 2Span (Months): 5

• Escalation for First Year: 5.50%

 \circ Periodic Compounded Escalation = $((1+rate)^{(1/12)})-1=0.447\%$ compounded per month

Annual Stepped Escalation = 5.5% per month





If the 'Periodic Compounded Escalation' Preference is adopted:

- Where Escalation Type = N: The total cost of 1,000,000 is divided by the period span of 5, equating to 200,000 and this is paid in each span month.
- Where Escalation Type = E: The total cost of 1,000,000 is multiplied by the escalation factor in the start period 2 (100.896%), equating to an escalated total of 1,008,963. This is then divided by the period span of 5, equating to 201,793, and this is paid in each span month.
- Where Escalation Type = R: The unescalated cost of 200,000 per month is multiplied by the escalation factor the same period throughout the span.

Month		0	1	2	3	4	5	6
Cost/Month (Non Escalated)	N	-	-	200,000	200,000	200,000	200,000	200,000
Escalation Rate / Month		0	0.447%	0.447%	0.447%	0.447%	0.447%	0.447%
Escalation Factor (Compounde	ed)	0	100.447%	100.896%	101.348%	101.801%	102.256%	102.713%
Cost/Month (Escalated)	Е	-	-	201,793	201,793	201,793	201,793	201,793
	R			201,793	202,695	203,601	204,512	205,426

If the 'Annual Stepped Escalation' Preference is adopted:

- Where Escalation Type = N: The total cost of 1,000,000 is divided by the period span of 5, equating to 200,000 and this is paid in each span month.
- Where Escalation Type = E: The total cost of 1,000,000 is multiplied by the escalation factor in the start period 2 (105.5%) equating to an escalated total of 1,055,000. This is then divided by the period span of 5, equating to 211,000, and this is paid in each span month.
- Where Escalation Type = R: The unescalated cost of 200,000 per month is multiplied by the escalation factor the same period throughout the span.

Month		0	1	2	3	4	5	6
Cost/Month (Non Escalated)	N	-	-	200,000	200,000	200,000	200,000	200,000
Escalation Rate / Month		0	5.5%	5.5%	5.5%	5.5%	5.5%	5.5%
Escalation Factor (Non-Compo	ounded)	0	105.5%	105.5%	105.5%	105.5%	105.5%	105.5%
Cost/Month (Escalated)	Е	-	-	211,000	211,000	211,000	211,000	211,000
	R			211,000	211,000	211,000	211,000	211,000



6. Professional Fees

This section represents costs relating to the fees paid for professionals for services related to the project development, such as Architects and Quantity Surveyors.

This calculation can use the base rate multiplied by units method and/or be calculated as a % of Construction Costs.

Calculation

	Formula	Example
1	(No. of Units	(2
	Multiplied by	X
2	Base Rate per Unit	5,000
	Plus	+
4	% of Construction Costs	10%
	Multiplied by	X
(i)	Net Construction Costs)	2,147,727)
	Multiplied by	X
31	Taxation Factor on Project Costs	0.909090909
5	Total Current Costs (exc GST/VAT)	204,339
	Multiplied by	X
3	1 + GST/VAT Rate (assuming 10% tax rate)	110.00%
6	Total Current Costs (inc GST/VAT)	224,773



Calculation - Development Management Fee

For a detailed explanation of the Development Management Fee Calculation, please refer to the following online KB Article: http://www.estatemaster.com/client-area/solutions-centre?SolutionNumber=00000497



7. Construction Costs

This section is where costs relating to construction are represented.

Calculation - Costs

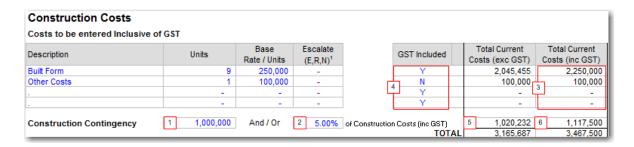
	Formula	Example
1	(Units	(9
	Multiplied by	X
2	Base Rate per Unit	250,000
	Multiplied by	X
31	Taxation Factor on Project Costs)	0.909090909)
4	Total Current Costs (exc GST/VAT)	2,045,455
	Multiplied by	X
3	1 + GST/VAT Rate (assuming 10% tax rate)	110.00%
5	Total Current Costs (inc GST/VAT)	2,250,000



Calculation - Contingency

This section allows for a construction contingency cost to be represented. This calculation can use either a user defined fixed amount, and/or a % of construction costs.

	Formula	Example
1	(Lump Amount	(1,000,000
	Plus	+
2	Percentage	5.00%
	Multiplied by	X
3	Total Escalated Other Construction Costs)	2,350,000)
	Multiplied by	X
41	GST/VAT Factor on Construction Contingency	0.912959381
5	Total Current Costs (exc GST/VAT)	1,020,232
	Divided by	/
4	GST/VAT Factor on Construction Contingency	0.912959381
6	Total Current Costs (inc GST/VAT)	1,117,500





8. Statutory Fees

This section is where costs relating to any government charges are represented.

Calculation

	Formula	Example
1	(Units	(1
	Multiplied by	Χ
2	Base Rate per Unit	15,000
	Multiplied by	X
31	Taxation Factor on Project Costs)	0.909090909)
4	Total Current Costs (exc GST/VAT)	13,636
	Multiplied by	X
3	1 + GST/VAT Rate (assuming 10% tax rate)	110.00%
5	Total Current Costs (inc GST/VAT)	15,000



9. Miscellaneous Costs

This section is used for any other Miscellaneous Costs. There are 3 sections in Estate Master DF. The titles can also be edited by the user.

The calculation for these costs can use either the base rate per unit method, and/or a percentage of:

- Net Construction Costs (exc GST/VAT)
- Gross Sale Proceeds
- Net Sales Proceeds (exc Selling Costs)

These percentage options are set in the Preferences under 'Calculations > Project Costs'. Refer to the 'Notes on Formulas' section to see how they are calculated.



Calculation

	Formula	Example
1	(Units	(2
	Multiplied by	X
2	Base Rate per Unit	10,000
	Plus	+
4	% Rate	5%
	Multiplied by	X
(i)	Net Construction/Gross Sales/Net Sales)	2,147,727)
	Multiplied by	X
31	Taxation Factor on Project Costs	0.909090909
4	Total Current Costs (exc GST/VAT)	115,806
	Multiplied by	X
3	1 + GST/VAT Rate (assuming 10% tax rate)	110.00%
5	Total Current Costs (inc GST/VAT)	127,386





10. Land Holding Costs

This section represents any costs associated with the ongoing holding of land during development.

In this calculation it is important to note that the 'Term' has a significant impact on calculations — it signifies the frequency of the payment entered. Each Term option has a related value associated with it that the calculations use, indicating the number of payments per annum:

- A Term of 'M' (Monthly) is 12 payments per annum
- A Term of 'BM' (Bi-Monthly) is 6 payments per annum
- A Term of 'Q' (Quarterly) is 4 payments per annum
- A Term of 'BA' (Bi-Annually) is 2 payments per annum
- A Term of 'Y' (Yearly) is 1 payment per annum

Calculation - Fixed Span

This example demonstrates where the cost has a fixed span, and the payments are spread evenly over that span.

	Formula	Example
1	Units	2
	Multiplied by	Χ
2	Base Rate per Unit per Term	8,000
	Multiplied by	X
3	Term (Y=1,BA=2,Q=4,BM=6,M=12)	1
	Multiplied by	X
41	Taxation Factor on Project Costs	0.909090909
5	Total Annual Costs (exc GST/VAT)	14,545
	Multiplied by	Χ
4	1 + GST/VAT Rate (assuming 10% tax rate)	110.00%
6	Total Annual Costs (inc GST/VAT)	16,000
	Multiplied by	X
7	Round Up (Period (e.g. Month) Span	(20
	Divided by	/
	Number of Periods (e.g. Months) in Term (e.g Year))	12)
8	Total Escalated Costs (inc GST/VAT)	32,000





Calculation – Diminishing with Sales

This example demonstrates where the cost has a span of **DS**, indicating you would like to diminish the land holding costs proportionally with sales revenue.

	Formula	Example
1	Units	1
	Multiplied by	X
2	Base Rate per Unit per Term	12,000
	Multiplied by	X
3	Term (Y=1,BA=2,Q=4,BM=6,M=12)	12
	Multiplied by	X
41	Taxation Factor on Project Costs	0.909090909
5	Total Annual Costs (exc GST/VAT)	130,909
	Multiplied by	X
4	1 + GST/VAT Rate (assuming 10% tax rate)	110.00%
6	Total Annual Costs (inc GST/VAT)	144,000
7	Diminished with Sales Revenue	As per Table Below
8	Total Escalated Costs	36,000



The table below demonstrates how the Sales Revenue cash flow impacts the land holding cost payments. As sales revenue is received, the forecasted holding costs of 12,000/month is diminished by the percentage of sales made.

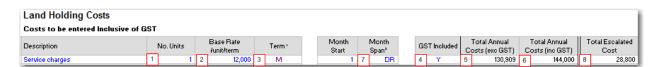
Month	Total	0	1	2	3	4	5	6
Sales Revenue Cash Flow	1,000,000	-	-	200,000	200,000	200,000	200,000	200,000
% Remanning		100%	100%	80%	60%	40%	20%	0%
Holding Costs	60,000	-	12,000	12,000	12,000	12,000	12,000	12,000
Amount to Diminish By		0%	0%	20%	40%	60%	80%	100%
Actual Holding Costs Paid	36,000	-	12,000	9,600	7,200	4,800	2,400	-



Calculation - Diminishing with Lease Up

This example demonstrates where the cost has a span of **DR**, indicating you would like to diminish the land holding costs proportionally with the lease up of tenancies, based on the annual rental value of the lease.

	Formula	Example
1	Units	1
	Multiplied by	X
2	Base Rate per Unit per Term	12,000
	Multiplied by	X
3	Term (Y=1,BA=2,Q=4,BM=6,M=12)	12
	Multiplied by	X
41	Taxation Factor on Project Costs	0.909090909
5	Total Annual Costs (exc GST/VAT)	130,909
	Multiplied by	X
4	1 + GST/VAT Rate (assuming 10% tax rate)	110.00%_
6	Total Annual Costs (inc GST/VAT)	144,000
7	Diminished with Lease Up	As per Table Below_
8	Total Escalated Costs	28,800



The table below demonstrates how the Lease Up of the two tenancies impacts the land holding cost payments. As the leases start, the forecasted holding costs of 12,000/month is diminished by the percentage of the annual lease(s) occurring in the same period.

Month	Total	Total 0 1		2	3	4	5	6	
Tenant 1	30,000 p.a.	-	-	30,000	-	-	-	-	
Tenant 2	70,000 p.a.	-	-	-	-	70,000	-	-	
% Remanning		100%	100%	70%	70%	00%	00%	0%	
Holding Costs	36,000	-	12,000	12,000	12,000	12,000	12,000	12,000	
Amount to Diminish By		0%	0%	30%	30%	100%	100%	100%	
Actual Holding Costs Paid	28,800	-	12,000	8,400	8,400	-	-	-	



11. Sales Escalation

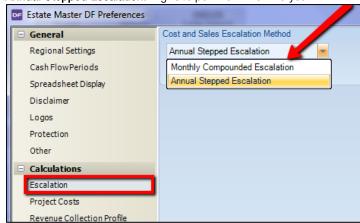
The Sales Escalation table sets the amount of escalation used in the calculation of the total escalated sales revenue amounts. It works similar to Cost Escalation, but utilises the Land Use Categories to allow the user to assign different escalation profiles to different categories.



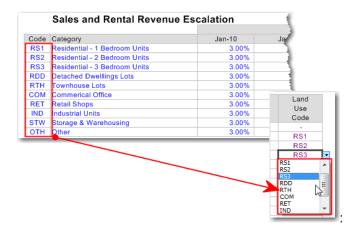
There are 2 options that control how escalation is applied via the Preferences.

3. **Periodic Compounded Escalation:** E.g. 5% per annum, which equates to 0.41% compounded monthly.





Escalation can also be toggled on/off or altered for individual sales items by assigning different Land Use Codes to each line item. This will then lookup the escalation table and apply the escalation profile for the selected Land Use.



① Note: For the purposes of this Calculation Guide, we have assumed no sales escalation in the examples.



12. Selling and Leasing Costs

It is important to note that the 'Sales Revenue' table and the 'Selling and Leasing Cost' table are linked via the 'Land Use Category'. The 'Selling and Leasing Cost' table determines the sales commission percentages applied to Sales revenue items. If pre-sales are assumed, it also determines the amount of commission that is paid at exchange, along with any deposits that are collected at the same time.

Calculation – Sales Commission

	Formula	Example
1	Sales Commission Percentage Rate for the Land Use (i.e. RS1)	3.00%
	Multiplied by	X
2	Sum of all 'Total Current Sales Revenue (exc GST/VAT)' for the Land Use	1,500,000
3	Total Current Costs (exc GST/VAT)	45,000
	Multiplied by	X
4	1 + GST/VAT Rate (assuming 10% tax rate)	110.00%
5	Total Current Costs (inc GST/VAT)	49,500
1	Sales Commission Percentage Rate for the Land Use (i.e. RS1)	3.00%
	Multiplied by	X
6	Sum of all 'Total Escalated Sales Revenue' for the Land Use	1,650,000
7	Total Escalated Costs	49,500

	Sales Commission (To be entered Inclusive of GST)	Sales —_Comm¹	% of Comm. Pre-sales*	Deposits (% of Price) ^a	GS1	F Included	Remarks		otal Current osts (exc GST)		Total Current osts (inc GST)	Тс	tal Escalated Cost
RS1	Residential - 1 Bedroom Units	1 3.00%	5.00%	30.00%	4	Υ		3	45,000	5	49,500	7	49,500
RS2	Residential - 2 Bedroom Units	3.00%	5.00%	30.00%		Y		_	49,909	Н	54,900	ш	54,900
RS3	Residential - 3 Bedroom Units	3.00%	5.00%	30.00%		Y			54,818		60,300		60,300
RDD	Detached Dwelllings Lots	0.00%	0.00%	0.00%		Y			-		-		
	To the book of the	المعطي وسمسيسي	Commence of the Control of the Contr		 h	All the same			and the same of th		ALL PROPERTY AND ADDRESS OF THE PARTY AND ADDR		Military Australia

Sales											
Sales Revenue to be entered Incl	ısive of GST										
			Current			Land	- [Total Current	Total Current	Total	Escalated
Description	No. Units	Total Area	Sale		GST	Use	- 1	Sales Revenue	Sales Revenue	Sales	s Revenue
		SqM	Price	_	Included	Code	- 1	(exc GST)	(inc GST)		
1Bedroom Unit	3	200	550,000	_	Y	RS1	Г	2 1,500,000	1,650,000	6	1,650,000
2 Bedroom Unit	3	350	610,000		Y	RS2	ľ	1,663,636	1,830,000		1,830,000
3 Bedroom Unit	3	430	670,000		Y	RS3	- [1,827,273	2,010,000		2,010,000
	-				Y		- [-
The state of the s	Landa III.	and the same of th	CARRIED CO.			AND DESCRIPTION OF THE PARTY OF	ᆈ		AMAMAMA	ALL MARKS	CANADA AND AND



<u>Calculation – Other Selling Costs</u>

This section is where any other selling costs associated with the sales process can be represented.

This calculation can use either the base rate per units method, and/or be calculated as a % of Gross Sales

	Formula	Example
1	(Percentage of Gross Sales	(3.00%
	Multiplied by	X
2	Sum of all 'Total Escalated Sales Revenue'	5,490,000
	Plus	+
3	No. of Units	1
	Multiplied by	X
4	Base Rate per Unit)	9,000)
	Multiplied by	X
51	Taxation Factor on Project Costs	0.909090909
6	Total Current Costs (exc GST/VAT)	108,000
	Multiplied by	X
5	1 + GST/VAT Rate (assuming 10% tax rate)	110.00%
7	Total Current Costs (inc GST/VAT)	118,800

Other Selling Costs		% of		AND/OB	Ba	se Rate /				Т	otal Current	1	Fotal Current	Total
To be entered Inclusive of GST		ross Sales		No. Units		Unit	GS1	lincluded	1	Co	sts (exc GST)	Co	osts (inc GST)	Escalated Cost
Marketing	1 2.00%		3	1	1 4 9,000		5	Y		6 108,000		7 118,800		118,800
		0.00%	ш	-			ш	Y	-			لت		
		0.00%					 	- Y.						

Sales													
Sales Revenue to be entered Inclusive of GST													
Description	No. Units	Total Area	Current Sale		GST	Land Use	Total Current Sales Revenue	Total Current Sales Revenue	Total Escalated Sales Revenue				
		SqM	Price		Included	Code	(exc GST)	(inc GST)					
1 Bedroom Unit	3	200	550,000		Y	RS1	1,500,000	1,650,000	1,650,000				
2 Bedroom Unit	3	350	610,000		Y	RS2	1,663,636	1,830,000 2	1,830,000				
3 Bedroom Unit	3	430	670,000		Y	RS3	1,827,273	2,010,000	2,010,000				
	-				Y	-	-						
The state of the s			THE PARTY OF THE P			Marine Committee		AMERICAN AND ADDRESS OF THE PARTY OF THE PAR	The second second				



<u>Calculation – Other Leasing Costs</u>

This section is where any costs associated with lease management are represented.

This calculation can use either the base rate per units method, and/or be calculated as a % of Gross Rent.

	Formula	Example
1	(Percentage of Gross Rent	(3.00%
	Multiplied by	X
2	Gross Rental Income	100,000
	Plus	+
3	No. of Units	3
	Multiplied by	X
4	Base Rate per Unit)	1,000)
	Multiplied by	X
51	Taxation Factor on Leasing Costs	0.909090909
6	Total Current Costs (exc GST/VAT)	5,455
	Multiplied by	X
5	1 + GST/VAT Rate (assuming 10% tax rate)	110.00%_
7	Total Current Costs (inc GST/VAT)	6,000

Other Leasing Costs		% of		AND/OB	В	ase Rate /			'	Total Current		Total Current	Total
To be entered Inclusive of GST		aross Rent		No. Units		Unit	GS	T included	С	osts (exc GST)	С	osts (inc GST)	Escalated Cost
Promotional material	1	3.00%	3	3	4	1,000	5	Y	6	5,455	7	6,000	6,000
		0.00%		-			_	Y			Н		-
		0.00%					 	X	L.,	ر معسم المسال			

VENUE				
	Quantity	SqM	AUD/Quantity	AUD
Gross Sales Revenue	9	980.00	610,000.00	5,490,000
Less Selling Costs				(283,500
Less Purchasers Costs				_
NET SALES REVENUE				5,206,50
	Average Yield	SqM	AUD/SqM/annum	AUD
Gross Rental Income	-	2.00	50,000.00 2	100,00
Less Outgoings & Vacan	cies		T	-
Less Letting Fees				-
Less Incentives (Rent Fre	ee and Fit-out Costs)			-
Less Other Leasing Costs	s			(6,00
A. INC.	AND DESCRIPTION OF THE PARTY OF	controller and address.	All controls to	94.001



13. Sales Revenue

It is important to note that the 'Sales Revenue' table and the 'Selling and Leasing Cost' table are linked via the 'Land Use Category'. The 'Selling and Leasing Cost' table determines the sales commission percentages applied to Sales revenue items. If pre-sales are assumed, it also determines the amount of commission that is paid at exchange, along with any deposits that are collected at the same time.

Calculation - 'Per Unit' Sales Calc Method

	Formula	Example
1	No. Units	3
	Multiplied by	Χ
2	Current Sale Price	550,000
3		
4	Total Current Sales Revenue (exc GST/VAT)	1,500,000
	Multiplied by	X
3	1 + GST/VAT Rate (assuming 10% tax rate)	110.00%
5	Total Current Sales Revenue (inc GST/VAT)	1,650,000

Sales	Sales												
Sales Revenue to be entered Inclusive of GST													
Description	No	No. Units Total Area			Current Sales Sale Calc			GST	:	Total Current Sales Revenue		Total Current ales Revenue	Total Escalated Sales Revenue
			SqM	Price		Method		<u>In</u> cluded		(exc GST)		(inc GST)	
1 Bedroom Unit	1	3	200	2	550,000	Per Unit		3 Y	4	1,500,000	5	1,650,000	1,650,000
2 Bedroom Unit		3	350		610,000	Per Unit		Y		1,663,636	_	1,830,000	1,830,000
3 Bedroom Unit		3	430		670,000	Per Unit		Y		1,827,273		2,010,000	2,010,000
Shop		1	500		4,500	Per SqM		N		2,250,000		2,250,000	2,250,000

Calculation - 'Per Area' Sales Calc Method

	Formula	Example	
1	Area		500
	Multiplied by		Χ
2	Current Sale Price		4,500
3			
4	Total Current Sales Revenue (exc GST/VAT)		2,250,000
	Multiplied by		Χ
3	1 + GST/VAT Rate (assuming no tax)		100.00%
5	Total Current Sales Revenue (inc GST/VAT)		2,250,000

Sales	Sales												
Sales Revenue to be entered Inclusive of GST													
Description	No. Units	Total Area	Current Sale	Sales Calc	GST	Total Current Sales Revenue	Total Current Sales Revenue	Total Escalated Sales Revenue					
		SqM	Price	Method	Included	(exc GST)	(inc GST)						
1 Bedroom Unit	3	200	550,000	Per Unit	Y	1,500,000	1,650,000	1,650,000					
2 Bedroom Unit	3	350	610,000	Per Unit	Y	1,663,636	1,830,000	1,830,000					
3 Bedroom Unit	3	430	670,000	Per Unit	Y	1,827,273	2,010,000	2,010,000					
Shop	1	1 500	2 4,500	Per SqM	3 N	4 2,250,000	5 2,250,000	2,250,00					



14. Other Income

This section is where any other income for the project is represented.

Calculation

	Formula	Example
1	Units	5
	Multiplied by	X
2	Base Rate per Unit	20,000
	Multiplied by	X
31	Taxation Factor on Other Income	0.909090909
4	Total Current Other Income (exc GST/VAT)	90,909
	Multiplied by	X
3	1 + GST/VAT Rate (assuming 10% tax rate)	110.00%
5	Total Current Other Income (inc GST/VAT)	100,000

Other Income												
Other Income to be entered Inclusive of GST												
Description	Land Use Code	Units	Base Rate / Units		GST Included	Total Current Income (exc GST)	Total Current Income (inc GST)	Total Escalated Income				
Dividends	OTH	1 5	2 20,000	_	3 y	4 90,909	5 100,000	100,000				



15. Other Financing Costs

This section is where any other financing costs are represented.

Calculation

	Formula	Example
1	Units	1
	Multiplied by	X
2	Base Rate per Unit	25,000
	Multiplied by	X
31	Taxation Factor on Project Costs	0.909090909
4	Total Current Costs (exc GST/VAT)	22,727
	Multiplied by	X
3	1 + GST/VAT Rate (assuming 10% tax rate)	110.00%
5	Total Current Costs (inc GST/VAT)	25,000

Financing Costs	No. of		Base Rate /				Total Current			Total Current	Total	а
(to be entered Inclusive of GST)	Units Unit		GST Included			Costs (exc GST)		osts (inc GST)	Escalated Cost	ш		
Legals	1	1 1 2		25,000	3	Υ	4	22,727	5	25,000	25,000	1



(i) Notes on Formulas

Taxation Factor for Project Costs

- If Preference 'Taxation > Cost and Revenue Inputs > Enter Project Costs' = Inclusive of Tax AND 'GST/VAT Included' for that line item <> 0 or N:
 - o (1-(1-1/(1+Tax Rate))) = 0.909090909 (Assuming a 10% Rate is being used



- If Preference 'Taxation > Cost and Revenue Inputs > Enter Project Costs' = Exclusive of Tax:
 - Taxation Factor = 1

Taxation Factor on Leasing Costs

- If Preference 'Taxation > Cost and Revenue Inputs > Enter Rents and Leasing Costs' = Inclusive of Tax AND 'GST/VAT Included' for that line item <> 0 or N:
 - (1-(1-1/(1+Tax Rate))) = 0.909090909 (Assuming a 10% Rate is being used)



- If Preference 'Taxation > Cost and Revenue Inputs > Enter Rents and Leasing Costs' = **Exclusive** of Tax:
 - Taxation Factor = 1

Taxation Factor on Other Income

- If Preference 'Taxation > Cost and Revenue Inputs > Enter Other Income' = Inclusive of Tax AND 'GST/VAT Included' for that line item <> 0 or N:
 - (1-(1-1/(1+Tax Rate))) = 0.909090909 (Assuming a 10% Rate is being used)



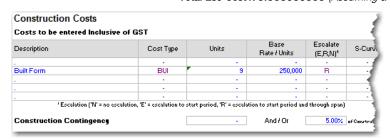
- If Preference 'Taxation > Cost and Revenue Inputs > Enter Other Income' = **Exclusive** of Tax:
 - Taxation Factor = 1

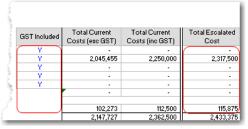


Net Construction Costs

- This is used for the calculation of Professional Fees that are expressed as a percentage of Construction Costs.
- It equates to the 'Total Escalated Costs' for the Construction Cost section (including Manual Inputs and Contingency), less
 any GST/VAT on those costs.
- This is calculated in the backgrounded, so such number is not displayed as an output.
- To calculate it, you will need to work out the tax Component Factor on each individual Construction Cost item, and deduct it from the total.
 - if 'Add GST/VAT' or 'GST/VATIncluded' for that line item <> 0 or N
 - Total Esc Cost x (1-(1-1/(1+Tax Rate))) =

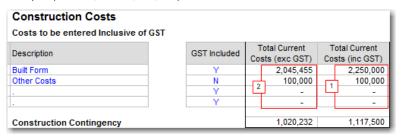
 Total Esc Cost x 0.909090909 (Assuming a 10% Rate is being used)





GST/VAT Factor on Construction Contingency

- The Tax Factor on Construction Contingency is based on the weighted average of tax that is applied to the other Construction Costs above it.
 - If all other Construction Costs have GST/VAT, and at the same rate, then GST/VAT Factor on Construction Contingency will be:
 - (1-(1-1/(1+Tax Rate))) = 0.909090909 (Assuming a 10% Rate is being used)
 - o If all other Construction Costs have no GST/VAT, then GST/VAT Factor on Construction Contingency will be:
 - 1
 - o If all other Construction Costs have GST/VAT at different rates, or a mix of some that have GST/VAT and some that don't, then GST/VAT Factor on Construction Contingency will be:
 - Total Cost (inc Tax)¹ *minus* Total Cost (exc Tax)² = Total Tax on other Construction Costs Example: 2,350,000 2,145,455 = 204,545
 - GST/VAT Component Factor for Contingency = (1 Total Tax / Total Cost (inc Tax)) Example: (1 204,545 / 2,350,000) = **0.912959381**





Gross Sale Proceeds

• This is the sum of 'Gross Sales Revenue', as indicated on the Summary sheet.

REVENUE				
	Quantity	SqM	AUD/Quantity	AUD
Gross Sales Revenue	9	980.00	628,300.00	5,654,700
Residential - 1 Bedroom Units	3	200.00	566,500.00	1,699,500
Residential - 2 Bedroom Units	3	350.00	628,300.00	1,884,900
Residential - 3 Bedroom Units	3	430.00	690,100.00	2,070,300
Less Selling Costs	(178,911			
Less Purchasers Costs	-			
NET SALES REVENUE	5,475,789			

Net Sale Proceeds (exc Selling Costs)

• This is the sum of 'Net Sales Revenue', as indicated on the Summary sheet.

	Quantity	SqM	AUD/Quantity	AUD
Gross Sales Revenue	9	980.00	628,300.00	5,654,700
Residential - 1 Bedroom Units	3	200.00	566,500.00	1,699,500
Residential - 2 Bedroom Units	3	350.00	628,300.00	1,884,900
Residential - 3 Bedroom Units	3	430.00	690,100.00	2,070,300
Less Selling Costs			·	(178,911)
Less Purchasers Costs	-			
NET SALES REVENUE	5,475,789			