



# Vector Reports

*Reports for the Estimator and Building Contractor*



# Vector

*Quality Software from* **Snappe**

*Part 2 of 2*



Sample Refurbishment and Extension (SMM7 Order)

		Qty	Unit	Labour Rate	Material Rate	Plant Rate	Sub Lab Rate	Sub Pur Rate	PC Sum Rate	Profit Rate	Prelims Rate	Rate	R Ext p £
<b>E IN SITU CONCRETE / LARGE PRECAST CONCRETE</b>													
<b>E10 Mixing / casting / curing in-situ concrete</b>													
Ready mixed concrete													
Plain in situ concrete 1:3:6 - 40 mm aggregate													
36	foundations	2	m <sup>3</sup>	37.69	68.25	0.00	0.00	0.00	0.00	0.00	0.00	105.94	211.88
Plain in situ concrete 1:2:4 - 20 mm aggregate													
37	beds, thickness not exceeding 150 mm	3	m <sup>3</sup>	52.73	66.15	0.00	0.00	0.00	0.00	0.00	0.00	118.88	356.64
38	filling to hollow walls	3	m <sup>3</sup>	96.28	66.15	0.00	0.00	0.00	0.00	0.00	0.00	162.43	487.29
<b>Subtotal for E10 Mixing / Casting ...</b>													
<b>1,055.81</b>													
<b>E41 Worked finishes/Cutting to in situ concrete</b>													
Worked finishes													
Tamping by mechanical means													
39	level	40	m <sup>2</sup>	0.27	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.31	12.40
<b>Subtotal for E41 Worked ...</b>													
<b>12.40</b>													
<b>Total for in Situ Concrete / Large ...</b>													
<b>1,068.21</b>													

Project listing in SMM7 Order with Rates

Bill of Quantities, Cost and Rate Reports can be printed in different orders to suit project requirements.

Your name and logo



Costing of Clients Schedule

		Qty	Unit	Labour Cost	Material Cost	Plant Cost	Sub Lab Cost	Sub Pur Cost	PC Sum Cost	Profit Cost	Prelims Cost	Rate	R Ext p £
	<b>1.02 CINEMA ROOM WALL continued ...</b>												
	<b>M60 continued ...</b>												
	General surfaces continued ...												
	Three coats of vinyl matt emulsion paint over 300 mm girth												
13	smooth plaster	7	m <sup>2</sup>	60.41	7.21	0.00	0.00	0.00	0.00	0.00	0.00	9.66	67.62
	Knot, prime, stop and paint one undercoat and one coat of gloss finish paint on joinery												
14	isolated surfaces, not exceeding 300 mm girth	27	m	109.08	23.49	0.00	0.00	0.00	0.00	0.00	0.00	4.91	132.57
	Glazed windows, screens and doors												
	Knot, prime, stop and paint two undercoats and one coat of gloss finish paint on joinery in panes, area												
15	0.50 - 1.00 m2	1	m <sup>2</sup>	17.45	1.77	0.00	0.00	0.00	0.00	0.00	0.00	19.22	19.22
	<b>Subtotal for 1.02 Cinema Room ...</b>			<b>553.29</b>	<b>59.47</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>		<b>612.76</b>

Cost Report sorted to fit with client schedule



Example Builders Elemental SMM7 Project

		Qty	Unit	Labour Cost	Material Cost	Plant Cost	Sub Lab Cost	Sub Pur Cost	PC Sum Cost	Profit Cost	Prelims Cost	Rate	R Ext p £
	<b>M SURFACE continued ...</b>												
	<b>M20 Plastered/Rendered/Roughcast coatings continued ...</b>												
	Plastering sundries continued ...												
	Stainless steel beads and trims												
172	angle bead	17.46	m	34.92	26.71	0.00	0.00	0.00	0.00	0.00	0.00	3.53	61.63
173	drip bead	13.40	m	21.44	20.50	0.00	0.00	0.00	0.00	0.00	0.00	3.13	41.94
	<b>Subtotal for M Surface Finishes</b>			<b>3291.69</b>	<b>570.23</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>		<b>3,861.93</b>
	<b>Total for Floor, Wall &amp; Ceiling ...</b>			<b>4502.73</b>	<b>916.38</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>		<b>5,419.12</b>
	<b>M SURFACE FINISHES</b>												
	<b>M60 Painting/Clear finishing</b>												
	General surfaces												
	Three coats of vinyl matt emulsion paint over 300 mm girth												
174	smooth plaster	203.14	m <sup>2</sup>	1462.61	144.23	0.00	0.00	0.00	0.00	0.00	0.00	7.91	1,606.84
	Knot, prime, stop and paint one undercoat and one coat of gloss finish paint on joinery												
175	over 300 mm girth	11.20	m <sup>2</sup>	116.48	10.19	0.00	0.00	0.00	0.00	0.00	0.00	11.31	126.67
176	stairs	10.00	m <sup>2</sup>	150.00	9.10	0.00	0.00	0.00	0.00	0.00	0.00	15.91	159.10
177	isolated surfaces, not exceeding 300 mm girth	71.60	m	243.44	20.76	0.00	0.00	0.00	0.00	0.00	0.00	3.69	264.20

Cost Report broken down by Builders Elements

Elemental Structure can be revised to suit your requirements.



Example Builders Elemental SMM7 Project

	Labour Hours	Labour Cost	Material Cost	Plant Cost	Sub Lab Cost	Sub Pur Cost	PC Sum Cost	Profit Cost	Prelims Cost	R Ext p £
Subtotal for A Preliminaries/General Conditions	400.00	8000.00	100.00	1860.00	0.00	1400.00	0.00	0.00	0.00	11,360.00
Total for Preliminaries	400.00	8000.00	100.00	1860.00						11,360.00
Subtotal for C20 Demolition	18.36	367.19	0.00	863.93						1,231.12
Total for Extension Demolitions	18.36	367.19	0.00	863.93	0.00	0.00	0.00	0.00	0.00	1,231.12
Subtotal for Existing House Removals & Demolitions	93.88	2057.49	40.97	641.43	0.00	0.00	0.00	0.00	0.00	2,739.89
Total for Existing House Removals & Demolitions	93.88	2057.49	40.97	641.43	0.00	0.00	0.00	0.00	0.00	2,739.89
Subtotal for D Groundwork	108.17	2163.02	511.25	1082.10	0.00	0.00	0.00	0.00	0.00	3,756.38
Total for Excavation & Filling	108.17	2163.02	511.25	1082.10	0.00	0.00	0.00	0.00	0.00	3,756.38
Subtotal for E in Situ Concrete/Large Precast Concrete	83.68	2020.80	1204.47	4.03	0.00	0.00	0.00	0.00	0.00	3,229.28
Subtotal for J Waterproofing	12.57	251.35	85.96	0.00	0.00	0.00	0.00	0.00	0.00	337.31
Total for Concrete Work	96.25	2272.15	1290.43	4.03	0.00	0.00	0.00	0.00	0.00	3,566.59
Subtotal for C Existing Site/Buildings/Services	18.97	379.49	97.59	4.61	0.00	0.00	0.00	0.00	0.00	481.69
Subtotal for E in Situ Concrete/Large Precast Concrete	3.26	81.49	101.98	0.00	0.00	0.00	0.00	0.00	0.00	183.46
Subtotal for F Masonry	135.88	4437.49	2453.77	0.00	0.00	0.00	0.00	0.00	0.00	6,891.22
Subtotal for G Structural/Carcassing Metal/Timber	1.25	25.00	125.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00
Subtotal for P Building Fabric Sundries	18.78	375.54	367.40	0.00	0.00	0.00	0.00	0.00	0.00	742.94
Total for Brickwork, Blockwork & Masonry	178.14	5299.01	3145.74	4.61	0.00	0.00	0.00	0.00	0.00	8,449.31
Subtotal for H Cladding/Covering	0.00	0.00	0.00	0.00	0.00	4700.00	0.00	0.00	0.00	4,700.00
Subtotal for L Windows/Doors/Stairs	0.00	0.00	0.00	0.00	0.00	400.00	0.00	0.00	0.00	400.00
Subtotal for R Disposal Systems	8.76	175.14	101.11	0.00	0.00	0.00	0.00	0.00	0.00	276.25
Total for Roofing	8.76	175.14	101.11	0.00	0.00	5100.00	0.00	0.00	0.00	5,376.25
Subtotal for G Structural/Carcassing Metal/Timber	79.37	1587.16	343.33	0.00	0.00	454.86	0.00	0.00	0.00	2,385.35
Subtotal for J Waterproofing	1.32	26.40	11.00	0.00	0.00	0.00	0.00	0.00	0.00	37.40
Subtotal for K Linings/Sheathing/Dry Partitioning	26.37	527.36	732.58	0.00	0.00	0.00	0.00	0.00	0.00	1,259.94

Summary Cost Report of Builders Elements



## Simple Builders Estimate

		Qty	Unit	Labour Cost	Material Cost	Plant Cost	Sub Lab Cost	Sub Pur Cost	PC Sum Cost	Profit Cost	Prelims Cost	Rate	R Ext p £
	<b>MASONRY continued ...</b>												
	<b>Above DPC continued ...</b>												
58	Brickwork to 1st Floor	3	m <sup>2</sup>	171.00	179.52	0.00	0.00	0.00	0.00	44.04	0.00	131.52	394.56
	<b>Subtotal for Masonry</b>			<b>4341.40</b>	<b>4765.14</b>	<b>111.84</b>	<b>0.00</b>	<b>0.00</b>	<b>267.12</b>	<b>1206.53</b>	<b>0.00</b>		<b>10,692.03</b>
	<b>STEEL WORK &amp; CONCRETE LINTELS</b>												
59	columns less than 40 kg/m	0.53	tonne	402.80	472.23	0.00	0.00	0.00	0.00	111.11	0.00	1860.65	986.14
60	columns 40 - 100 kg/m	0.91	tonne	1080.63	909.09	0.00	0.00	0.00	0.00	244.43	0.00	2455.10	2,234.14
61	beams less than 40 kg/m	0.79	tonne	712.98	651.75	0.00	0.00	0.00	0.00	169.06	0.00	1941.50	1,533.79
62	Allowance for Splicing, bolting, welding and stiffner plates to steel work		item	0.00	0.00	0.00	1269.99	0.00	0.00	190.50	0.00	1460.49	1,460.49
63	Apply intumescent paint to steel work for fire protection.	30	m <sup>2</sup>	360.00	559.80	0.00	0.00	0.00	0.00	120.00	0.00	34.66	1,039.80
64	50mm drypacking above horizontal steel members	60	m	180.00	90.00	30.00	0.00	0.00	0.00	36.60	0.00	5.61	336.60
65	Padstones concrete 440 x 215 x 100(PS1)	12	nr	180.00	144.00	0.00	0.00	0.00	0.00	39.60	0.00	30.30	363.60
	<b>Subtotal for Steel Work &amp; ...</b>			<b>2916.41</b>	<b>2826.87</b>	<b>30.00</b>	<b>1269.99</b>	<b>0.00</b>	<b>0.00</b>	<b>911.30</b>	<b>0.00</b>		<b>7,954.56</b>
	<b>STRUCTURAL TIMBER &amp; GENERAL CARPENTRY</b>												
66	Floor Joists 200x50	131	m	982.50	362.87	0.00	0.00	0.00	0.00	153.27	0.00	11.44	1,498.64
67	Joist hangers	27	nr	60.75	48.87	0.00	0.00	0.00	0.00	13.50	0.00	4.56	123.12
68	Cutting joists into beams	13	nr	65.00	0.00	0.00	0.00	0.00	0.00	6.50	0.00	5.50	71.50
69	Timber battens/noggins between joists	262	m	1310.00	246.28	0.00	0.00	0.00	0.00	167.68	0.00	6.58	1,723.96

Cost Report with short builders style descriptions

Short builders style descriptions



	Qty	Unit	Rate	Extn
<b>Bill of Quantities</b>				
<b>C20 Demolition</b>				
a	Demolishing parts of masonry structures Block walls, pulling down with care 100 mm thick			
	34.16	m <sup>2</sup>	4.80	163.97
b	Demolishing parts of timber structures Softwood pitched roof construction ceiling joists, insulation, plasterboard soffits			
	10.80	m <sup>2</sup>	39.00	421.20
<b>EXTENSION DEMOLITION</b>				
<b>C90 Alterations - spot items</b>				
Fittings and fixtures - removal				
Doors and frames				
c	remove and dispose single doors up to 2 m2			
	1.00	nr	10.00	10.00
Windows				
d	remove and dispose up to 1 m2			
	1.00	nr	6.60	6.60
e	remove and dispose up to 2 m2			
	2.00	nr	10.00	20.00
Removing fittings and fixtures				
f	Sink base units, 500 - 1000 mm deep			
	1.00	nr	42.00	42.00
g	600 x 900 mm			
	1.00	nr	43.00	43.00
	1200 x 900 mm			
h	Softwood doors including frame			
	1.00	nr	41.60	41.60
Removing plumbing and engineering installations				
Sanitary fittings, including service and waste pipes				
i	WC suite			
				27.00
j	wash hand basin			
				26.00
k	bath			
				48.00
l	sink unit			
				26.00
Removals				
Floors				
m	existing concrete floor complete			
	9.10	m <sup>2</sup>	22.94	208.75
Foundations				
n	breakout existing concrete foundations by machine and dispose to skip.			
	1.28	m <sup>3</sup>	72.66	93.00
Remove coverings				
Roofs, unrestricted				
o	corrugated sheets			
	10.80	m <sup>2</sup>	5.00	54.00

**Bills of Quantities can be printed out with and without rates. They can be exported to Excel and C.I.T.E files and sent out to subcontractors for pricing.**



Sample Refurbishment and Extension

		Qty	Unit	Rate	R Ext £ p
<b>F MASONRY</b>					
<b>F10 Brick / Block walling</b>					
Precast concrete dense aggregate blocks to BS 6073 in gauged mortar 1:1:6 Walls					
39	100 mm solid	161	m <sup>2</sup>	31.88	5,132.68
A015005001	Building Craftsman	0.80	hour	18.75	15.00
A015005002	Building Labourer	0.40	hour	13.50	5.40
G015005030	100mm Dense Aggregate Blocks, solid	1.05	m2	9.00	9.45
G500005101	Cement, Lime, Sand 1 : 1 : 6	0.01	m3	203.08	2.03
Subtotal for F10 Brick / Block Walling					5,132.68
<b>F30 Accessories / Sundry items for brick / block / stone walling</b>					
Forming cavities					
50 - 100 mm cavities in hollow walls with 200 mm wall-ties at 5 per m2 using stainless steel butterfly ties					
40	Building Craftsman	161	m <sup>2</sup>	3.72	598.92
A015005001	Building Labourer	0.12	hour	18.75	2.25
G035005010	200mm Wall ties, Stainless Steel Butterfly	0.06	hour	13.50	0.81
Expanded polystyrene cavity batts in cavities of hollow walls					0.66
41	50 mm	102	m <sup>2</sup>	12.11	1,235.22
A015005001	Building Craftsman	0.25	hour	18.75	4.69
A015005002	Building Labourer	0.13	hour	13.50	1.76
G045005015	50mm Jablite Cavity Wall Insulation	1.15	m2	4.92	5.66
Closing cavities					
Thermabate cavity closers					
42	100 mm cavity	12	m	21.50	258.00
A015005001	Building Craftsman	0.35	hour	18.75	6.56
G040015030	Thermabate cavity closer, 100mm	1.03	m	14.50	14.94
Damp proof courses bedded in cement mortar					
Pitch polymer					
43	vertical not exceeding 225 mm	4	m <sup>2</sup>	17.23	68.92
A015005001	Building Craftsman	0.45	hour	18.75	8.44
A015005002	Building Labourer	0.23	hour	13.50	3.11
G030010065	225mm DPC, Pitch Polymer	4.73	m	1.20	5.68
44	horizontal not exceeding 225 mm	2	m <sup>2</sup>	12.13	24.26
A015005001	Building Craftsman	0.25	hour	18.75	4.69

**Bill Schedule with Rates Makeup**

Bill Item

Rate Buildup



Code	Description	Unit	Job Qty	Constant	Total Qty	Rate	Total Ext.
M020005005	50 mm Roofing nails	nr			11855.34	0.01	118.55
M020005010	75 mm Galvanised batten nails	nr					0.00
M020010005	25 x 19 mm impregnated softwood roofing battens	m			594	0.20	118.80
M025005010	Glidvale rafter ventilators Type RV451 to suit 450 mm rafters	nr			35.84	1.58	56.63
M025005020	Glidvale soffit ventilators Type SV603	nr			6.4	11.74	75.14
M025005055	Ryton over fascia type ventilator, 40 mm wide, Ref. CFV 880	m			16.8	1.64	27.55
M050005080	Milled sheet lead (BS Code 4) 1.80mm - 540 mm girth	m			2.48	21.51	53.34
M050005090	Milled sheet lead (BS Code 4) 1.80mm - 600 mm girth	m			14.88	23.96	356.52
M055005025	Lead wedges	nr			6.06	0.05	0.30
M055005030	Lead clips	nr			6.06	0.05	0.30
M055005035	Lead cleats	nr			44.44	0.06	2.67
N015005080	38 X 38mm Sawn SW Basic Quality	m			39.18	0.40	15.67
N015010060	25 X 150mm Sawn SW G S Grade	m			39.6	1.83	72.47
N015010085	38 X 38mm Sawn SW G S Grade	m					01
N015010180	50 x 50mm Sawn SW G S Grade	m					75
N015010185	50 X 50mm Sawn SW G S Grade	m					63
N015010210	50 X 100mm Sawn SW G S Grade	m					10
N015010260	50 X 200mm Sawn SW G S Grade	m					85
N015015020	Fink 30 degree pitch trussed rafter, 7 m long	nr			5.05	73.00	368.65
N015015021	Hip truss set	nr			1	152.00	152.00
N015015022	reducer set	nr			1	330.00	330.00
N020005020	25 x 150mm Sawn SW Square Edge Boards	m			44.04	2.66	117.15
N035005040	25 x 175mm SW Torus Skirting	m			23.76	3.61	85.77
N045015040	22mm Flooring Grade Square Edge Chipboard Full Pallet	m2			45.15	2.85	128.68
N065030025	630 x 1200 mm PVCU casement window	nr			1	83.03	83.03
N065030070	1200 x 1500 mm PVCU casement window	nr			2	119.08	238.16

### Material Summary Report

Simple list of Materials needed on the project, can be exported to Excel for obtaining Material Prices from Builders Merchants.

Similar reports are available for Labour, Plant, and Subcontract Resources.



Code	Description	Unit	Job Qty	Constant	Total Qty	Rate	Total Ext.
<b>G015005020</b>	<b>100mm Dense Aggregate Blocks, solid</b>						
62	100 mm				<b>8.47</b>	<b>9.00</b>	<b>76.23</b>
<b>G015005030</b>	<b>100mm Dense Aggregate Blocks, solid</b>						
114	100 mm solid				169.05	<b>9.00</b>	<b>1,521.45</b>
<b>G030010065</b>	<b>225mm DPC, Pitch Polymer</b>						
127	vertical not exceeding 225 mm				18.92		
128	horizontal not exceeding 225 mm				9.46		
129	horizontal exceeding 225 mm				85.14		
<b>G035005010</b>	<b>200mm Wall ties, Stainless Steel Butterfly</b>				<b>113.52</b>	<b>1.20</b>	<b>136.22</b>
118	stainless steel butterfly ties				885.5		
<b>G040010090</b>	<b>Type W Cavity weep ventilator</b>				<b>885.5</b>	<b>0.12</b>	<b>106.26</b>
132	half brick skin of cavity wall				6.3		
<b>G040015030</b>	<b>Thermabate cavity closer, 100mm</b>						
123	100 mm cavity				12.36		
<b>G045005015</b>	<b>50mm Jablite Cavity Wall Insulation</b>				<b>12.36</b>	<b>14.50</b>	<b>179.22</b>
120	50 mm				117.3		
<b>G060005010</b>	<b>229 x 76mm T C Cavity Duct, Horizontal</b>				<b>117.3</b>	<b>4.92</b>	<b>577.12</b>
138	225 x 75 mm horizontal				9.45		
<b>M010015005</b>	<b>265 x 165mm Machine Plain Clay Tiles</b>				<b>9.45</b>	<b>3.32</b>	<b>31.37</b>
201	Roof coverings to 65 mm lap alloy nailed every fourth course including 25 x 19 mm impregnated softwood battens nailed to timber						
203	square cutting						
204	raking cutting				924		
206	double course at eaves				168		

## Material Detail Report

List of materials with the items that use the material with quantities. Similar reports are available for Labour, Plant, and Subcontract Resources.



Code	Description	Unit	Job Qty	Constant	Total Qty	Rate	Total Ext.
318	jointed and fixed with support and union brackets screwed to timber	m	16.00	1.03 <u>Item</u>	<b>Material Audit Report</b> 16.8	1.21	20.33
R005025040	<b>112mm PVC-U Half Round Gutter Bracket</b>	nr		Raw Mat.	16.8	1.21	20.33
318	jointed and fixed with support and union brackets screwed to timber	m	16.00	1.03 <u>Item</u>	16.48 <u>16.48</u>	0.56	9.23
R005025045	<b>112mm PVC-U Half Round Flexi Clip</b>	nr		Raw Mat.	16.48	0.56	9.23
318	jointed and fixed with support and union brackets screwed to timber	m	16.00	0.51 <u>Item</u>	8.16 <u>8.16</u>		
320	angles	nr	4.00	1.03 <u>Item</u>	4.12 <u>4.12</u>		
321	stopped ends	nr	2.00	1.03 <u>Item</u>	2.06 <u>2.06</u>		
322	outlets	nr	2.00	1.03 <u>Item</u>	2.06 <u>2.06</u>		
R005025050	<b>112mm PVC-U Half Round Angle</b>	nr		Raw Mat.	16.4	0.39	6.40
320	angles	nr	4.00	1.03 <u>Item</u>	4.12 <u>4.12</u>		
R005025055	<b>112mm PVC-U Half Round Stopped End</b>	nr		Raw Mat.	4.12	2.30	9.48
321	stopped ends	nr	2.00	1.03 <u>Item</u>	2.06		
R005025060	<b>112mm PVC-U Half Round Outlets</b>	nr		Raw Mat.	2.06	2.08	4.28
322	outlets	nr	2.00	1.03 <u>Item</u>	2.06 <u>2.06</u>		
R010020030	<b>68mm PVC-U RWP</b>	m		Raw Mat.	2.06	2.08	4.28
312	fixed with brackets plugged to walls	m	6.00	1.05 <u>Item</u>	6.3 <u>6.3</u>	2.09	13.17
				Raw Mat.	6.3	2.09	13.17

The Audit report for resources give the calculations used to generate the quantities of the resources being used.



Raw Material Report

Code	Description	Unit	Supplier Price	Disc. %	Subtotal	Labour Code	Labour Net	Plant Code	Plant Net	Total Cost	Pack. Qty	Raw Material Rate	Updated
F040015030	203 x 67 x 1500mm PCC Sill	nr	24.69	0.00	24.69	A010005002	0.70			25.39	1.00	25.39	25/11/2010
F040020	Precast Concrete Padstones												01/06/1900
F040020010	328 x 225 x 150mm PCC Padstone	nr	5.68	0.00	5.68	A010005002	0.50						11/2010
F060005	Precast Concrete Kerbs and Channels												01/06/1900
F060005005	125 x 255mm PCC kerb, straight	m	4.95	0.00	4.95	A010005002	0.50			5.45	1.00	5.45	25/11/2010
G	Brickwork and Blockwork												01/06/1900
G005005	Mortar Ingredients and Admixtures												01/06/1900
G005005010	Hydrated Lime	tonne	290.00	0.00	290.00	A010005002	30.00			320.00	1.00	320.00	25/11/2010
G005005015	Febmix Mortar Admixture	litre	3.80	0.00	3.80					3.80	5.00	0.76	25/11/2010
G010005	Bricks												01/06/1900
G010005010	Common Bricks	nr	330.00	0.00	330.00					330.00	1000.00	0.33	25/11/2010
G010005020	Facing Bricks	nr	430.00	0.00	430.00					430.00	1000.00	0.43	25/11/2010
G015005	Dense Aggregate Blocks												01/06/1900
G015005020	100mm Dense Aggregate Blocks, solid	m2	9.00	0.00	9.00					9.00	1.00	9.00	25/11/2010
G015005030	100mm Dense Aggregate Blocks, solid	m2	9.00	0.00	9.00					9.00	1.00	9.00	25/11/2010
G030010	Damp Proof Courses												01/06/1900
G030010065	225mm DPC, Pitch Polymer	m	23.90	0.00	23.90					23.90	20.00	1.20	25/11/2010
G035005	Wall Ties												01/06/1900
G035005010	200mm Wall ties, Stainless Steel Butterfly	nr	122.90	0.00	122.90					122.90	1000.00	0.12	01/06/1900
G040010	Cavity Trays												01/06/1900
G040010090	Type W Cavity weep ventilator	nr	0.50	0.00	0.50								25/11/2010
G040015	Cavity Closers												01/06/1900
G040015030	Thermabate cavity closer, 100mm	m	14.50	0.00	14.50								25/11/2010
G045005	Cavity Wall Insulation												01/06/1900
G045005015	50mm Jablite Cavity Wall Insulation	m2	4.92	0.00	4.92								25/11/2010
G060005	Terra Cotta Cavity Ducts												01/06/1900
G060005010	229 x 76mm T C Cavity Duct, Horizontal	nr	3.32	0.00	3.32								25/11/2010
M	Roofing												01/06/1900
M010015	Machine Made Clay Plain Tiles												01/06/1900

**Project Raw Material Rate Report**

The Material Rate Report list the materials used on the project and shows how the rate is calculated.

Labour and plant costs can be incorporated for handling and preparing materials for use on site.

Composite Material Report

Code	Description	Unit	Time / Qty	Rate	Cost	Updated
F500005100	1: 2: 4 / 20 Aggregate	m3				
A010005006	Concrete Labourer	hour	1.85	20.00	37.00	19/12/2011
F005005015	20mm Aggregate	m3				25/11/2010
F010005005	Portland Cement	tonne	0.31	194.00	60.14	25/11/2010
F010010005	Sharp sand	m3	0.50	68.00	34.00	25/11/2010
Z500030055	7/5 Concrete Mixer	hour	1.85	2.90	5.37	24/11/2010
					192.41	01/07/1999
F500005101	1: 3: 6 / 40 Aggregate	m3				
A010005006	Concrete Labourer	hour	1.85	20.00	37.00	19/12/2011
F005005005	40mm Aggregate	m3	1.35	65.00	87.75	25/11/2010
F010005005	Portland Cement	tonne	0.21	194.00	40.74	25/11/2010
F010010005	Sharp sand	m3	0.72	68.00	48.96	25/11/2010
Z500030055	7/5 Concrete Mixer	hour	1.85	2.90	5.37	24/11/2010
					219.82	01/07/1999
F500005105	1: 3: 6 / 20 Aggregate	m3				
A010005006	Concrete Labourer	hour	0.89	20.00	17.80	19/12/2011
F005005015	20mm Aggregate	m3	1.23	65.00	79.95	25/11/2010
F010005005	Portland Cement	tonne	0.30	194.00	58.20	25/11/2010
F010010005	Sharp sand	m3	0.69	68.00	46.92	25/11/2010
Z500030055	7/5 Concrete Mixer	hour	0.89	2.90	2.58	24/11/2010
					205.45	01/07/1999
G500005101	Cement, Lime, Sand 1: 1 :6	m3				
A010005006	Concrete Labourer	hour	1.33	20.00	26.60	19/12/2011
F010005005	Portland Cement	tonne	0.24	194.00	46.56	25/11/2010
F010010005	Sharp sand	m3	1.60	68.00	108.80	25/11/2010

Composite Material Report

The Composite Material Reports list the make up of mortar, plaster and similar items.



## Labour Report

Code	Description	Unit	Type	Labour Rate	Updated
A010	Building Operatives				01/07/1999
A010005	General Trades Operatives				1999
A010005002	General Labourer	hour	<b>Labour Rates Report</b> L		2010
A010005006	Concrete Labourer	hour	Labourer	10.00	23/11/2010
A015	Building Operatives - Small Scale work				07/06/1900
A015005	General Trades Operatives				07/06/1900
A015005001	Building Craftsman	hour	Craftsman	18.75	23/11/2010
A015005002	Building Labourer	hour	Labourer	13.50	23/11/2010
A015005006	Scaffolder	hour	Craftsman	18.75	23/11/2010
A015010	Plumbing Operatives				07/06/1900
A015010001	Plumber	hour	Craftsman	22.00	23/11/2010
A015010002	Plumber's mate	hour	Labourer	13.50	23/11/2010



Labour Gang Report

Code	Description	Unit	Type	Labour Time	Labour Rate	Labour Net	Divider	Gang Rate	Updated
A550010005	Reinforced Concrete Gang	hour	Gang						
A010005005	Concrete Craftsman	hour	Craftsman	1.00	13.75	13.75			23/11/2010
A010005006	Concrete Labourer	hour	Labourer	4.00	10.00	40.00			23/11/2010
						53.75	4.00	13.44	01/06/2000
A550010010	Formwork Fix and Strike Gang	hour	Gang						
A010005005	Concrete Craftsman	hour	Craftsman	4.00	13.75	55.00			23/11/2010
A010005006	Concrete Labourer	hour	Labourer	1.00	10.00	10.00			23/11/2010
						65.00	4.00	16.25	01/07/1999
A550010015	Precast Concrete Gang	hour	Gang						
A010005005	Concrete Craftsman	hour	Craftsman	2.00	13.75	27.50			23/11/2010
A010005006	Concrete Labourer	hour	Labourer	1.00	10.00	10.00			23/11/2010
						37.50	2.00	18.75	01/07/1999
A550015005	Brickwork Gang	hour	Gang						
A010005011	Brickwork Craftsman	hour	Craftsman	2.00	18.75	37.50			23/11/2010
A010005012	Brickwork Labourer	hour	Labourer	1.00	10.00	10.00			23/11/2010
						47.50	2.00	23.75	01/07/1999
A550015010	Blockwork Gang	hour	Gang						
A010005015	Blockwork Craftsman	hour	Craftsman	4.00	18.75	75.00			23/11/2010
A010005016	Blockwork Labourer	hour	Labourer	3.00	10.00	30.00			23/11/2010
						105.00	4.00	26.25	29/07/2000
A550050005	Structural Steelwork Gang	hour	Gang						
A010005035	Steelwork Craftsman	hour	Craftsman	4.00	18.75	75.00			23/11/2010
A010005036	Steelwork Labourer	hour	Labourer	1.00	10.00	10.00			23/11/2010
						85.00	4.00	21.25	07/07/2000
A550055005	Metalwork Gang	hour	Gang						

Labour Gangs Report



Plant Report

Code	Description	Unit	Hire Charge p/week	Prod. Hours p/week	Cost p/hour	Labour Code	Labour Net	Fuel Cost p/hour	Plant Rate	Updated
Z500	Mechanical Plant									01/07/1999
Z500010	Cutting Equipment									01/07/1999
Z500010001	Grinder and Cutting Discs	hour	60.00	30	2.00					06/06/2011
Z500015	Excavators									01/07/1999
Z500015001	JCB 3C Excavator	hour	1040.00	40	26.00			0.00	26.00	24/11/2010
Z500015005	Drott B100 Standard	hour	1320.00	40	33.00			2.50	35.50	24/11/2010
Z500015020	16 Tonne Tipper Truck (including driver and fuel)	hour	790.50	39	20.27			0.00	20.27	07/06/2000
Z500015025	JCB 801.4 Mini Excavator 1.40 tonnes	hour	199.00	40	4.98			1.50	6.48	24/11/2010
Z500015030	JCB 803 Mini Excavator 2.90 tonnes	hour	299.00	40	7.48			1.56	9.04	24/11/2010
Z500020	Compaction									01/07/1999
Z500020015	Whacker	hour	45.00	30	1.50			0.25	1.75	24/11/2010
Z500025	Compressors									01/07/1999
Z500025001	Compressor 100cfm with one breaker	hour	72.00	30	2.40			0.25	2.65	24/11/2010
Z500030	Concrete Equipment									01/07/1999
Z500030055	7/5 Concrete Mixer	hour	36.00	40	0.90			2.00	2.90	24/11/2010
Z500035	Supports									01/07/1999
Z500035001	Adjustable Steel Prop 3.00m long	hour	1.00	1	1.00			0.00	1.00	19/12/2011
Z500100	Disposal									01/07/1999
Z500100001	Tipping Charges (per load)	each	100.00	1	100.00			0.00	100.00	04/07/2010
Z500100002	6 m3 Skip	each	180.00	1	180.00			0.00	180.00	09/06/2011
Z500115	Transport									01/07/1999
Z500115010	Site van (including driver and fuel)	week	100.00	1	100.00			0.00	100.00	19/12/2011
Z750	Temporary Accommodation									01/07/1999

Plant Rate Report

Plant rates can include the cost of drivers, and fuel



Subcontract Purchase Report

Code	Description	Unit	Supplier Price	Discount %	Package Qty	Sub. Purchase Rate	Updated
R	Purpose made joinery						19/12/2011
R000000	softwood						19/12/2011
R000000000	winder staircase	item	1240.00	0.00	1.00	1,240.00	19/12/2011
S	Truss/fabrication quotes						19/12/2011
S000000	Truss quote						19/12/2011
S000000000	Truss quote 1 main hip roof	item	336.08	0.00	1.00	336.08	19/12/2011
S000000001	Truss quote 2 mono lean to	item	118.78	0.00	1.00	118.78	19/12/2011

Subcontract Purchase Report

Vector has two separate Subcontract cost groups, complete turnkey items and Subcontract Labour



**Dimensioned Report for Job [Measurement Example]**

<i>Dimensions</i>	<i>Notes</i>	<i>Library</i>	<i>Description</i>	<i>Quantity</i>	<i>Rate</i>	<i>Total</i>
		F10	<b>F10 BRICK/BLOCK WALLING</b>			
		F1006	Facing bricks in gauged mortar (1:1.6); facework and flush pointing as work proceeds			
<b>Direct Dims</b>		F1006003	Walls			
mg	1.00	F100600301	102.5 thick	194	0.00	0.00
	3.10					215.39

**Measurement Reports**

Vector Contractors Edition has the same measuring system as the PQS Edition, see Vector Report Part 1 for more details.

-windows	1.00					-23.04
-doors	1.00					-12.39
gables	1.00					19.50
	1.00					
4*2*.5	0.28					3.47
	3.10					
-5	1.00					-13.50
	2.70					
2	2.50					
	1.00		5.00 verandah			
						<b>194.43</b>

**F30 ACCESSORIES AND SUNDRY ITEMS FOR BRICK, BLOCK AND STONE WALLING**

**F3002 FORMING CAVITIES**

F3002003 Forming cavities in hollow walls

F300200302 50 - 100 mm cavities in hollow walls with 200 mm

wall-ties at 5 per m2 using 0.6 mm stainless steel

pressed ties with insulation retaining clips

<b>Direct Dims</b>	1.00					187.60
mg	2.70					
-windows	1.00					-23.04
	1.00					
-doors	1.00					-12.39
	1.00					
gables	1.00					19.50
	1.00					
						<b>171.67</b>

F300200302C

Expanded polystyrene cavity batts in cavities of hollow walls 50mm thick

168 0.00 0.00