

**Demonstration Project**  
Quantity/Bid Price Report

**Wall**

Quantity	Extended Mat. Cost	Lay-Cost	Amount	Length	Height	Qty	Opn	Adj	Odd Shp
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Classification **BOL**

**ANCHOR BOLTS**

<b>BOLTS8-IN</b>	100 CNT BOXES OF 8" BOLTS	Lay	1,200.0	Each/Day	\$0.400/ Each	Each		Show as Each				
	14" Exterior-Vert Rebar		40	Each	\$16.00	\$18.26	40.000	49 174	4 267	1	Opn	Odd Rect

Classification **BRI**

**BRICKS**

<b>M</b>	Modular Brick	Lay	450.0	Pieces/Day	\$0.320/ Piece	m <sup>2</sup>		72.675	Pieces per m <sup>2</sup>			
	14" Exterior-Vert Rebar		9,852	Pieces	\$3,152.79	\$11,993.66	135.570	49 174	4 267	1	Opn	Odd Rect
<b>MS</b>	Modular Brick Soldier	Lay	300.0	Pieces/Day	\$0.300/ Piece	m <sup>2</sup>		72.675	Pieces per m <sup>2</sup>			
	14" Exterior-Vert Rebar		1,212	Pieces	\$363.69	\$2,213.65	16.681	49 174	4 267	1	Opn	Odd Rect
<b>MW</b>	Modular Pier Brick-White	Lay	400.0	Pieces/Day	\$0.320/ Piece	m <sup>2</sup>		72.675	Pieces per m <sup>2</sup>			
	14" Exterior-Vert Rebar		1,296	Pieces	\$414.82	\$1,775.30	17.837	49 174	4 267	1	Opn	Odd Rect
Class Totals BRICKS			12,361	Pieces	\$3,931.30	\$15,982.61	170.088	Avg. Lay Rate	423.7	Pieces/Day		

Classification **CMU**

**C.M.U.**

<b>CMU SILL</b>	8"Lt Wt CMU-1/2 Bullnose	Lay	130.0	Pieces/Day	\$0.550/ Piece	m <sup>2</sup>		24.219	Pieces per m <sup>2</sup>			
	14" Exterior-Vert Rebar		10	Pieces	\$5.50	\$42.14	0.413	49 174	4 267	1	Opn	Odd Rect
<b>MW08</b>	8" Mediumweight CMU	Lay	170.0	Pieces/Day	\$0.580/ Piece	m <sup>2</sup>		12.109	Pieces per m <sup>2</sup>			
	14" Exterior-Vert Rebar		1,538	Pieces	\$892.04	\$4,955.95	127.009	49 174	4 267	1	Opn	Odd Rect
<b>MW08B</b>	8" Mediumweight CMU-Bull	Lay	135.0	Pieces/Day	\$0.680/ Piece	m <sup>2</sup>		12.109	Pieces per m <sup>2</sup>			
	8" Interior CMU		11	Pieces	\$7.48	\$44.64	0.908	10 058	3 658	1	Opn	Rect
	14" Exterior-Vert Rebar		100	Pieces	\$68.00	\$405.78	8.258	49 174	4 267	1	Opn	Odd Rect
Material [MW08B] Totals			111	Pieces	\$75.48	\$450.41	9.166	Mat. Lay Rate	135.0	Pieces/Day		
<b>MW08BB</b>	8" MW CMU Bond Beam	Lay	120.0	Pieces/Day	\$0.680/ Piece	m <sup>2</sup>		12.109	Pieces per m <sup>2</sup>			
	8" Interior CMU		4	Pieces	\$2.38	\$15.98	0.289	10 058	3 658	1	Opn	Rect
	14" Exterior-Vert Rebar		151	Pieces	\$102.68	\$689.31	12.470	49 174	4 267	1	Opn	Odd Rect
Material [MW08BB] Totals			155	Pieces	\$105.06	\$705.29	12.759	Mat. Lay Rate	120.0	Pieces/Day		
<b>MW08BH</b>	8"Lt Wt CMU-1/2 Bullnose	Lay	130.0	Pieces/Day	\$0.550/ Piece	m <sup>2</sup>		24.219	Pieces per m <sup>2</sup>			
	8" Interior CMU		11	Pieces	\$6.05	\$46.35	0.454	10 058	3 658	1	Opn	Rect
	14" Exterior-Vert Rebar		100	Pieces	\$55.00	\$421.38	4.129	49 174	4 267	1	Opn	Odd Rect
Material [MW08BH] Totals			111	Pieces	\$61.05	\$467.73	4.583	Mat. Lay Rate	130.0	Pieces/Day		
<b>MW08INT</b>	Interior 8" MW CMU	Lay	150.0	Pieces/Day	\$0.580/ Piece	m <sup>2</sup>		12.109	Pieces per m <sup>2</sup>			
	8" Interior CMU		389	Pieces	\$225.62	\$1,420.62	32.124	10 058	3 658	1	Opn	Rect
<b>MW08PIER</b>	8" Mediumweight CMU	Lay	140.0	Pieces/Day	\$0.580/ Piece	m <sup>2</sup>		12.109	Pieces per m <sup>2</sup>			
	14" Exterior-Vert Rebar		324	Pieces	\$187.92	\$1,267.76	26.756	49 174	4 267	1	Opn	Odd Rect
<b>MW08S</b>	8"Lt Wt CMU-Sash Full	Lay	160.0	Pieces/Day	\$0.650/ Piece	m <sup>2</sup>		12.109	Pieces per m <sup>2</sup>			
	14" Exterior-Vert Rebar		120	Pieces	\$78.00	\$410.85	9.910	49 174	4 267	1	Opn	Odd Rect

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<b>MW08SH</b>	8"Lt Wt CMU-Sash Half	Lay 160.0 Pieces/Day	\$0.550/ Piece		m <sup>2</sup>		24.219	Pieces per m <sup>2</sup>			
	14" Exterior-Vert Rebar	120 Pieces	\$66.00	\$410.85	4.955	49 174	4 267	1	Opn		Odd Rect
<b>PIER4CMU</b>	4"CMU-Fill@back of brick	Lay 185.0 Pieces/Day	\$0.360/ Piece		m <sup>2</sup>		12.109	Pieces per m <sup>2</sup>			
	14" Exterior-Vert Rebar	108 Pieces	\$38.88	\$319.79	8.919	49 174	4 267	1	Opn		Odd Rect
Class Totals C.M.U.		2,986 Pieces	\$1,735.55	\$10,451.39	236.593	Avg. Lay Rate	156.5	Pieces/Day			

Classification **CON**

**Control Joints**

		Quantity	Extended Mat. Cost	Lay-Cost	Amount	Length	Height	Qty	Opn	Adj	Odd Shp
<b>CJ</b>	Control Joint Material	Lay 609.6 m/Day	\$4.265/ m		m		Show as m				
	14" Exterior-Vert Rebar	26 m	\$109.20	\$23.01	25.603	49 174	4 267	1	Opn		Odd Rect

Classification **DF**

**Steel Door Frame**

		Quantity	Extended Mat. Cost	Lay-Cost	Amount	Length	Height	Qty	Opn	Adj	Odd Shp
<b>DF3-4X7-4</b>	Door Frame 3'-4"x7'-4"	Lay 8.0 Each/Day	\$90.000/ Each		Each		Show as Each				
	8" Interior CMU	1 Each	\$90.00	\$68.47	1.000	10 058	3 658	1	Opn		Rect
	14" Exterior-Vert Rebar	8 Each	\$720.00	\$547.80	8.000	49 174	4 267	1	Opn		Odd Rect
Material [DF3-4X7-4] Totals		9 Each	\$810.00	\$616.27	9.000	Mat. Lay Rate	8.0	Each/Day			

Classification **DRI**

**Drip Edging**

		Quantity	Extended Mat. Cost	Lay-Cost	Amount	Length	Height	Qty	Opn	Adj	Odd Shp
<b>COPPERDRI</b>	Copper Drip Edge	Lay 609.6 m/Day	\$3.937/ m		m		Show as m				
	14" Exterior-Vert Rebar	41 m	\$161.60	\$36.88	41.046	49 174	4 267	1	Opn		Odd Rect

Classification **FLA**

**Flashing**

		Quantity	Extended Mat. Cost	Lay-Cost	Amount	Length	Height	Qty	Opn	Adj	Odd Shp
<b>IPCO18"</b>	IPCO 18" Flashing	Lay 914.4 m/Day	\$3.675/ m		m		Show as m				
	14" Exterior-Vert Rebar	41 m	\$150.83	\$24.59	41.046	49 174	4 267	1	Opn		Odd Rect

Classification **GRO**

**Grout**

		Quantity	Extended Mat. Cost	Lay-Cost	Amount	Length	Height	Qty	Opn	Adj	Odd Shp
<b>3000PSI</b>	3000 PSI Grout in Cu.Ft.	Lay 5.0 m <sup>3</sup> /Day	\$105.944/ m <sup>3</sup>		m <sup>3</sup>		Show as m <sup>3</sup>				
	8" Interior CMU	0 m <sup>3</sup>	\$3.30	\$3.44	0.031	10 058	3 658	1	Opn		Rect
	14" Exterior-Vert Rebar	4 m <sup>3</sup>	\$404.23	\$421.79	3.816	49 174	4 267	1	Opn		Odd Rect
Material [3000PSI] Totals		4 m <sup>3</sup>	\$407.53	\$425.23	3.847	Mat. Lay Rate	5.0	m <sup>3</sup> /Day			

Classification **INR**

**Rigid Insul.**

		Quantity	Extended Mat. Cost	Lay-Cost	Amount	Length	Height	Qty	Opn	Adj	Odd Shp
<b>BLUE2"</b>	Blue 2" Rigid Insulation	Lay 139.4 m <sup>2</sup> /Day	\$6.351/ m <sup>2</sup>		m <sup>2</sup>		Show as m <sup>2</sup>				
	14" Exterior-Vert Rebar	185 m <sup>2</sup>	\$1,173.97	\$726.66	184.856	49 174	4 267	1	Opn		Odd Rect

Classification **LIL**

**Limestone**

		Quantity	Extended Mat. Cost	Lay-Cost	Amount	Length	Height	Qty	Opn	Adj	Odd Shp
<b>2X5SILLR</b>	2-1/4 x 5 Sills	Lay 67.2 Pieces/Day	\$14.000/ Piece		m		1.270	m per Piece			
	14" Exterior-Vert Rebar	2 Pieces	\$24.64	\$14.35	2.235	49 174	4 267	1	Opn		Odd Rect

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<b>COPING</b>	Limestone Coping - LF	Lay 12.5 Pieces/Day	\$49.400/ Piece		m		1.219	m per Piece			
	14" Exterior-Vert Rebar	39 Pieces	\$1,934.83	\$1,716.43	47.752	49 174	4 267	1	Opn		Odd Rect
<b>PILASTCAP</b>	4"x4"x24" Pilaster Cap	Lay 50.0 Pieces/Day	\$20.000/ Piece		m		1.640	Pieces per m			
	14" Exterior-Vert Rebar	6 Pieces	\$120.00	\$65.74	3.658	49 174	4 267	1	Opn		Odd Rect
Class Totals Limestone		47 Pieces	\$2,079.47	\$1,796.51	53.645	Avg. Lay Rate		14.3 Pieces/Day			

Classification **MOR**

**Mortar (CuFt)**

<b>MORTARDF</b>	Door Frame Mortar	Lay 3.4 m³/Day	\$75.927/ m³		m³		Show as m³				
	8" Interior CMU	0 m³	\$3.82	\$8.12	0.050	10 058	3 658	1	Opn		Rect
	14" Exterior-Vert Rebar	0 m³	\$30.58	\$64.92	0.403	49 174	4 267	1	Opn		Odd Rect
Material [MORTARDF] Totals		0 m³	\$34.40	\$73.04	0.453	Mat. Lay Rate		3.4 m³/Day			
<b>MORTARJ</b>	Fill for Jamb Cell/Mortar	Lay 3.4 m³/Day	\$75.927/ m³		m³		Show as m³				
	8" Interior CMU	0 m³	\$6.05	\$12.85	0.080	10 058	3 658	1	Opn		Rect
	14" Exterior-Vert Rebar	1 m³	\$60.53	\$128.52	0.797	49 174	4 267	1	Opn		Odd Rect
Material [MORTARJ] Totals		1 m³	\$66.58	\$141.37	0.877	Mat. Lay Rate		3.4 m³/Day			
<b>Mortar[A]</b>	Type N Port/Lime 1:1:6 Mix		\$71.28 / m³		m³		Show as m³				
	8" Interior CMU	1 m³	\$45.03	\$0.00	0.632	10 058	3 658	1	Opn		Rect
	14" Exterior-Vert Rebar	12 m³	\$853.54	\$0.00	11.974	49 174	4 267	1	Opn		Odd Rect
Mortar [B] Totals		13 m³	\$898.57	\$0.00	12.606						
<b>Mortar[B]</b>	Type S Port/Lime 1:1/2:4-1/2 Mix		\$75.21 / m³		m³		Show as m³				
	14" Exterior-Vert Rebar	1 m³	\$66.26	\$0.00	0.881	49 174	4 267	1	Opn		Odd Rect
<b>Mortar[M]</b>	Type N White Port/Lime--Silica Sand		\$153.16 / m³		m³		Show as m³				
	14" Exterior-Vert Rebar	0 m³	\$41.96	\$0.00	0.274	49 174	4 267	1	Opn		Odd Rect
Class Totals Mortar (CuFt)			\$1,107.77	\$214.41	15.091						

Classification **REB**

**Rebar**

<b>#4 14'-0"</b>	#4 Vt Rebar14'-0"Long Pcs	Lay 128.6 Pieces/Day	\$4.800/ Piece		m		4.267	m per Piece			
	14" Exterior-Vert Rebar	39 Pieces	\$187.20	\$166.16	166.421	49 174	4 267	1	Opn		Odd Rect
<b>#4 56"BAR</b>	#4 Bond Beam 56" Pcs	Lay 385.7 Pieces/Day	\$1.633/ Piece		m		1.422	m per Piece			
	8" Interior CMU	2 Pieces	\$3.27	\$2.84	2.845	10 058	3 658	1	Opn		Rect
	14" Exterior-Vert Rebar	20 Pieces	\$32.67	\$28.40	28.448	49 174	4 267	1	Opn		Odd Rect
Material [#4 56"BAR] Totals		22 Pieces	\$35.93	\$31.24	31.293	Mat. Lay Rate		385.7 Pieces/Day			
<b>#4BB 20-0</b>	#4 Bond Beam 20'-0" Pcs	Lay 90.0 Pieces/Day	\$4.800/ Piece		m		6.096	m per Piece			
	14" Exterior-Vert Rebar	17 Pieces	\$80.64	\$102.26	102.413	49 174	4 267	1	Opn		Odd Rect
Class Totals Rebar		78 Pieces	\$303.77	\$299.67	300.126	Avg. Lay Rate		142.2 Pieces/Day			

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Classification **SPL** **Splitface CMU**

<b>SF04</b>	4" Splitface	Lay	145.0 Pieces/Day	\$0.920/ Piece	m <sup>2</sup>	12.109	Pieces per m <sup>2</sup>		
14" Exterior-Vert Rebar		258	Pieces	\$237.36	\$974.70	21.306	49 174	4 267	1 Opn Odd Rect

Classification **WEE** **Plastic Weeps**

<b>WEEPPLAS</b>	Plastic Weep Holes	Lay	3,000.0 Each/Day	\$0.110/ Each	Each	Show as Each			
14" Exterior-Vert Rebar		67	Each	\$7.41	\$12.29	67.333	49 174	4 267	1 Opn Odd Rect

Classification **WIR** **Wire**

<b>HDT9GA14"</b>	Hot-Dipp./Truss 9ga--14"	Lay	0.0 m/Day	\$0.787/ m	m	Show as m			
14" Exterior-Vert Rebar		490	m	\$385.89	\$0.00	490.081	49 174	4 267	1 Opn Odd Rect
<b>MGT9GA08"</b>	Mill-Gal./Truss 9ga-- 8"	Lay	0.0 m/Day	\$0.361/ m	m	Show as m			
8" Interior CMU		82	m	\$29.72	\$0.00	82.364	10 058	3 658	1 Opn Rect
Class Totals Wire		572	m	\$415.62	\$0.00	572.445	Avg. Lay Rate	0.0	m/Day

**Crew Section**

ID	Description	Production Masons	Prod-Mason Days	Crew Days	Crew Cost per Day	Extended Labor Cost
1	1-BF,8-B,1-LF,2-L,1-E AND Lull	8.00	57.7	7.211	\$4,277.37	\$30,845.29

**Ratio to Production Masons of:**

Supervisors	Layout	Sawmen	Tender
0.07	0.07	0.07	0.55

**Totals by Labor ID**

ID	Estimated			
	Hours	Base	Fringe	Burden
Brick#21	461.52	\$11,145.74	\$3,082.96	\$5,065.74
BrickForeman#21	57.69	\$1,508.60	\$385.37	\$685.66
Engineer#150	57.69	\$1,436.49	\$380.76	\$652.88
Laborer	118.99	\$2,518.45	\$559.23	\$1,137.49
LaborerForeman	61.30	\$1,378.70	\$288.09	\$619.14
	<u>757.18</u>	<u>\$17,987.97</u>	<u>\$4,696.41</u>	<u>\$8,160.91</u>

**Totals by Equipment ID**

ID	Description	Cost	Days	Cost / Day
6 Cu Ft Mixer	6 Cubic Foot Mortar Mixer	\$36.06	7.21	\$5.00
Lull 1044	Lull 1044	\$721.13	7.21	\$100.00
	Equipment Totals	<u>\$757.18</u>	<u>14.42</u>	

## Demonstration Project

Quantity/Bid Price Report

		Costs & Taxes	Overhead	Profit	OH + Profit	Totals	% of Bid
Material Costs		\$12,647.37					
Misc. Taxable Costs		\$0.00					
Taxable Sub-Total		\$12,647.37					
	Tax 7.750%	\$980.17					
Material + Misc. Taxable Costs + Tax		\$13,627.55	5.00%	5.00%		\$15,024.37	28.9%
Base	58.317%	\$17,987.97					
Fringe	15.226%	\$4,696.41					
Burden	26.458%	\$8,160.91					
Crew Labor Cost		\$30,845.29	5.00%	5.00%		\$34,006.94	65.4%
Subbed Out			5.00%	5.00%			
Cleaning Cost		\$727.75	\$36.39	\$38.21	\$74.59	\$802.35	1.5%
Equipment		\$757.18	\$37.86	\$39.75	\$77.61	\$834.79	1.6%
Mobilization		\$800.00					
Mockup		\$400.00					
Testing Service		\$0.00					
Clean-Up		\$0.00					
Bracing Walls		\$0.00					
Misc. Sub-Total		\$1,200.00	5.00%	5.00%	\$123.00	\$1,323.00	2.5%
<b>Grand Totals</b>			5.00%	5.25%	10.25%	<b>Bid Price</b>	
		\$47,157.78	\$2,357.89	\$2,475.78	\$4,833.67	\$51,991.45	
<b>Average Cost Per m<sup>2</sup></b>				Without Misc. or OH&P	With Misc. and OH&P	Total m <sup>2</sup>	
				\$218.50	\$247.19	210.33	