

Demonstration Project
Quantity/Bid Price Report

Wall

		Quantity	Extended Mat. Cost	Lay-Cost	Amount	Length	Height	Qty	Opn	Adj	Odd Shp
Classification BOL		ANCHOR BOLTS									
BOLTS8-IN	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	161' 4"	14' 0"	1	Opn	Odd Rect
Classification BRI		BRICKS									
M	Modular Brick	Lay 450.0	Pieces/Day	\$0.320 / Piece	SqFt			6.752	Pieces per SqFt		
	14" Exterior-Vert Rebar	9,852	Pieces	\$3,152.79	\$11,993.66	1,459.259	161' 4"	14' 0"	1	Opn	Odd Rect
MS	Modular Brick Soldier	Lay 300.0	Pieces/Day	\$0.300 / Piece	SqFt			6.752	Pieces per SqFt		
	14" Exterior-Vert Rebar	1,212	Pieces	\$363.69	\$2,213.65	179.556	161' 4"	14' 0"	1	Opn	Odd Rect
MW	Modular Pier Brick-White	Lay 400.0	Pieces/Day	\$0.320 / Piece	SqFt			6.752	Pieces per SqFt		
	14" Exterior-Vert Rebar	1,296	Pieces	\$414.82	\$1,775.30	192.000	161' 4"	14' 0"	1	Opn	Odd Rect
Class Totals BRICKS		12,361	Pieces	\$3,931.30	\$15,982.61	1,830.815	Avg. Lay Rate	423.7	Pieces/Day		
Classification CMU		C.M.U.									
CMU SILL	8"Lt Wt CMU-1/2 Bullnose	Lay 130.0	Pieces/Day	\$0.550 / Piece	SqFt			2.250	Pieces per SqFt		
	14" Exterior-Vert Rebar	10	Pieces	\$5.50	\$42.14	4.444	161' 4"	14' 0"	1	Opn	Odd Rect
MW08	8" Mediumweight CMU	Lay 170.0	Pieces/Day	\$0.580 / Piece	SqFt			1.125	Pieces per SqFt		
	14" Exterior-Vert Rebar	1,538	Pieces	\$892.04	\$4,955.95	1,367.111	161' 4"	14' 0"	1	Opn	Odd Rect
MW08B	8" Mediumweight CMU-Bull	Lay 135.0	Pieces/Day	\$0.680 / Piece	SqFt			1.125	Pieces per SqFt		
	8" Interior CMU	11	Pieces	\$7.48	\$44.64	9.778	33' 0"	12' 0"	1	Opn	Rect
	14" Exterior-Vert Rebar	100	Pieces	\$68.00	\$405.78	88.889	161' 4"	14' 0"	1	Opn	Odd Rect
Material [MW08B] Totals		111	Pieces	\$75.48	\$450.41	98.667	Mat. Lay Rate	135.0	Pieces/Day		
MW08BB	8" MW CMU Bond Beam	Lay 120.0	Pieces/Day	\$0.680 / Piece	SqFt			1.125	Pieces per SqFt		
	8" Interior CMU	4	Pieces	\$2.38	\$15.98	3.111	33' 0"	12' 0"	1	Opn	Rect
	14" Exterior-Vert Rebar	151	Pieces	\$102.68	\$689.31	134.222	161' 4"	14' 0"	1	Opn	Odd Rect
Material [MW08BB] Totals		154	Pieces	\$105.06	\$705.29	137.333	Mat. Lay Rate	120.0	Pieces/Day		
MW08BH	8"Lt Wt CMU-1/2 Bullnose	Lay 130.0	Pieces/Day	\$0.550 / Piece	SqFt			2.250	Pieces per SqFt		
	8" Interior CMU	11	Pieces	\$6.05	\$46.35	4.889	33' 0"	12' 0"	1	Opn	Rect
	14" Exterior-Vert Rebar	100	Pieces	\$55.00	\$421.38	44.444	161' 4"	14' 0"	1	Opn	Odd Rect
Material [MW08BH] Totals		111	Pieces	\$61.05	\$467.73	49.333	Mat. Lay Rate	130.0	Pieces/Day		
MW08INT	Interior 8" MW CMU	Lay 150.0	Pieces/Day	\$0.580 / Piece	SqFt			1.125	Pieces per SqFt		
	8" Interior CMU	389	Pieces	\$225.62	\$1,420.62	345.778	33' 0"	12' 0"	1	Opn	Rect
MW08PIER	8" Mediumweight CMU	Lay 140.0	Pieces/Day	\$0.580 / Piece	SqFt			1.125	Pieces per SqFt		
	14" Exterior-Vert Rebar	324	Pieces	\$187.92	\$1,267.76	288.000	161' 4"	14' 0"	1	Opn	Odd Rect
MW08S	8"Lt Wt CMU-Sash Full	Lay 160.0	Pieces/Day	\$0.650 / Piece	SqFt			1.125	Pieces per SqFt		
	14" Exterior-Vert Rebar	120	Pieces	\$78.00	\$410.85	106.667	161' 4"	14' 0"	1	Opn	Odd Rect

Demonstration Project
Quantity/Bid Price Report

Wall

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MW08SH	8"Lt Wt CMU-Sash Half	Lay 160.0	Pieces/Day	\$0.550/ Piece	SqFt		2.250	Pieces per SqFt			
	14" Exterior-Vert Rebar	120	Pieces	\$66.00	\$410.85	53.333	161' 4"	14' 0"	1	Opn	Odd Rect
PIER4CMU	4"CMU-Fill@back of brick	Lay 185.0	Pieces/Day	\$0.360/ Piece	SqFt		1.125	Pieces per SqFt			
	14" Exterior-Vert Rebar	108	Pieces	\$38.88	\$319.79	96.000	161' 4"	14' 0"	1	Opn	Odd Rect
Class Totals C.M.U.		2,985	Pieces	\$1,735.55	\$10,451.39	2,546.667	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
CJ	Control Joint Material	Lay 2,000.0	LinFt/Day	\$1.300/ LinFt	LinFt			Show as LinFt			
	14" Exterior-Vert Rebar	84	LinFt	\$109.20	\$23.01	84.000	161' 4"	14' 0"	1	Opn	Odd Rect

Classification **DF**

Steel Door Frame

		Quantity	Extended Mat. Cost	Lay-Cost	Amount	Length	Height	Qty	Opn	Adj	Odd Shp
DF3-4X7-4	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	33' 0"	12' 0"	1	Opn	Rect
	14" Exterior-Vert Rebar	8	Each	\$720.00	\$547.80	8.000	161' 4"	14' 0"	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
COPPERDRI	Copper Drip Edge	Lay 2,000.0	LinFt/Day	\$1.200/ LinFt	LinFt			Show as LinFt			
	14" Exterior-Vert Rebar	135	LinFt	\$161.60	\$36.88	134.667	161' 4"	14' 0"	1	Opn	Odd Rect

Classification **FLA**

Flashing

		Quantity	Extended Mat. Cost	Lay-Cost	Amount	Length	Height	Qty	Opn	Adj	Odd Shp
IPCO18"	IPCO 18" Flashing	Lay 3,000.0	LinFt/Day	\$1.120/ LinFt	LinFt			Show as LinFt			
	14" Exterior-Vert Rebar	135	LinFt	\$150.83	\$24.59	134.667	161' 4"	14' 0"	1	Opn	Odd Rect

Classification **GRO**

Grout

		Quantity	Extended Mat. Cost	Lay-Cost	Amount	Length	Height	Qty	Opn	Adj	Odd Shp
3000PSI	3000 PSI Grout in Cu.Ft.	Lay 175.0	CbcFt/Day	\$3.000/ CbcFt	CbcFt			Show as CbcFt			
	8" Interior CMU	1	CbcFt	\$3.30	\$3.44	1.099	33' 0"	12' 0"	1	Opn	Rect
	14" Exterior-Vert Rebar	135	CbcFt	\$404.23	\$421.79	134.744	161' 4"	14' 0"	1	Opn	Odd Rect
Material [3000PSI] Totals		136	CbcFt	\$407.53	\$425.23	135.843	Mat. Lay Rate	175.0	CbcFt/Day		

Classification **INR**

Rigid Insul.

		Quantity	Extended Mat. Cost	Lay-Cost	Amount	Length	Height	Qty	Opn	Adj	Odd Shp
BLUE2"	Blue 2" Rigid Insulation	Lay 1,500.0	SqFt/Day	\$0.590/ SqFt	SqFt			Show as SqFt			
	14" Exterior-Vert Rebar	1,990	SqFt	\$1,173.97	\$726.66	1,989.778	161' 4"	14' 0"	1	Opn	Odd Rect

Classification **LIL**

Limestone

		Quantity	Extended Mat. Cost	Lay-Cost	Amount	Length	Height	Qty	Opn	Adj	Odd Shp
2X5SILLR	2-1/4 x 5 Sills	Lay 67.2	Pieces/Day	\$14.000/ Piece	LinFt		4.167	LinFt per Piece			
	14" Exterior-Vert Rebar	2	Pieces	\$24.64	\$14.35	7.333	161' 4"	14' 0"	1	Opn	Odd Rect

Demonstration Project
Quantity/Bid Price Report

Wall

		Quantity	Extended Mat. Cost	Lay-Cost	Amount	Length	Height	Qty	Opn	Adj	Odd Shp
COPING	Limestone Coping - LF	Lay 12.5 Pieces/Day	\$49.400/ Piece		LinFt		4.000	LinFt per Piece			
	14" Exterior-Vert Rebar	39 Pieces	\$1,934.83	\$1,716.43	156.667	161' 4"	14' 0"	1	Opn		Odd Rect
PILASTCAP	4"x4"x24" Pilaster Cap	Lay 50.0 Pieces/Day	\$20.000/ Piece		LinFt		2.000	LinFt per Piece			
	14" Exterior-Vert Rebar	6 Pieces	\$120.00	\$65.74	12.000	161' 4"	14' 0"	1	Opn		Odd Rect
Class Totals Limestone		47 Pieces	\$2,079.47	\$1,796.51	176.000	Avg. Lay Rate	14.3	Pieces/Day			

Classification **MOR**

Mortar (CuFt)

MORTARDF	Door Frame Mortar	Lay 120.0 CbcFt/Day	\$2.150/ CbcFt		CbcFt			Show as CbcFt			
	8" Interior CMU	2 CbcFt	\$3.82	\$8.12	1.778	33' 0"	12' 0"	1	Opn		Rect
	14" Exterior-Vert Rebar	14 CbcFt	\$30.58	\$64.92	14.222	161' 4"	14' 0"	1	Opn		Odd Rect
Material [MORTARDF] Totals		16 CbcFt	\$34.40	\$73.04	16.000	Mat. Lay Rate	120.0	CbcFt/Day			
MORTARJ	Fill for Jamb Cell/Mortar	Lay 120.0 CbcFt/Day	\$2.150/ CbcFt		CbcFt			Show as CbcFt			
	8" Interior CMU	3 CbcFt	\$6.05	\$12.85	2.815	33' 0"	12' 0"	1	Opn		Rect
	14" Exterior-Vert Rebar	28 CbcFt	\$60.53	\$128.52	28.152	161' 4"	14' 0"	1	Opn		Odd Rect
Material [MORTARJ] Totals		31 CbcFt	\$66.58	\$141.37	30.968	Mat. Lay Rate	120.0	CbcFt/Day			
Mortar[A]	Type N Port/Lime 1:1:6 Mix		\$2.02 / CbcFt		CbcFt			Show as CbcFt			
	8" Interior CMU	22 CbcFt	\$45.03	\$0.00	22.309	33' 0"	12' 0"	1	Opn		Rect
	14" Exterior-Vert Rebar	423 CbcFt	\$853.54	\$0.00	422.854	161' 4"	14' 0"	1	Opn		Odd Rect
Mortar [B] Totals		445 CbcFt	\$898.57	\$0.00	445.163						
Mortar[B]	Type S Port/Lime 1:1/2:4-1/2 Mix		\$2.13 / CbcFt		CbcFt			Show as CbcFt			
	14" Exterior-Vert Rebar	31 CbcFt	\$66.26	\$0.00	31.112	161' 4"	14' 0"	1	Opn		Odd Rect
Mortar[M]	Type N White Port/Lime--Silica Sand		\$4.34 / CbcFt		CbcFt			Show as CbcFt			
	14" Exterior-Vert Rebar	10 CbcFt	\$41.96	\$0.00	9.675	161' 4"	14' 0"	1	Opn		Odd Rect
Class Totals Mortar (CuFt)			\$1,107.77	\$214.41	532.918						

Classification **REB**

Rebar

#4 14'-0"	#4 Vt Rebar14'-0"Long Pcs	Lay 128.6 Pieces/Day	\$4.800/ Piece		LinFt		14.000	LinFt per Piece			
	14" Exterior-Vert Rebar	39 Pieces	\$187.20	\$166.16	546.000	161' 4"	14' 0"	1	Opn		Odd Rect
#4 56"BAR	#4 Bond Beam 56" Pcs	Lay 385.7 Pieces/Day	\$1.633/ Piece		LinFt		4.667	LinFt per Piece			
	8" Interior CMU	2 Pieces	\$3.27	\$2.84	9.333	33' 0"	12' 0"	1	Opn		Rect
	14" Exterior-Vert Rebar	20 Pieces	\$32.67	\$28.40	93.333	161' 4"	14' 0"	1	Opn		Odd Rect
Material [#4 56"BAR] Totals		22 Pieces	\$35.93	\$31.24	102.667	Mat. Lay Rate	385.7	Pieces/Day			
#4BB 20-0	#4 Bond Beam 20'-0" Pcs	Lay 90.0 Pieces/Day	\$4.800/ Piece		LinFt		20.000	LinFt per Piece			
	14" Exterior-Vert Rebar	17 Pieces	\$80.64	\$102.26	336.000	161' 4"	14' 0"	1	Opn		Odd Rect
Class Totals Rebar		78 Pieces	\$303.77	\$299.67	984.667	Avg. Lay Rate	142.2	Pieces/Day			

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

SF04	4" Splitface	Lay	145.0 Pieces/Day	\$0.920/ Piece	SqFt	1.125	Pieces per SqFt		
14" Exterior-Vert Rebar		258	Pieces	\$237.36	\$974.70	229.333	161' 4"	14' 0"	1 Opn Odd Rect

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

WEEPPLAS	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	161' 4"	14' 0"	1 Opn Odd Rect

Classification **WIR** **Wire**

HDT9GA14"	Hot-Dipp./Truss 9ga--14"	Lay	0.0 LinFt/Day	\$0.240/ LinFt	LinFt	Show as LinFt			
14" Exterior-Vert Rebar		1,608	LinFt	\$385.89	\$0.00	1,607.877	161' 4"	14' 0"	1 Opn Odd Rect
MGT9GA08"	Mill-Gal./Truss 9ga-- 8"	Lay	0.0 LinFt/Day	\$0.110/ LinFt	LinFt	Show as LinFt			
8" Interior CMU		270	LinFt	\$29.72	\$0.00	270.222	33' 0"	12' 0"	1 Opn Rect
Class Totals Wire		1,878	LinFt	\$415.62	\$0.00	1,878.100	Avg. Lay Rate	0.0 LinFt/Day	

Demonstration Project
Quantity/Bid Price Report

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					
Material + Misc. Taxable Costs + Tax		\$13,627.55					
	Tax 7.750%	\$980.17	5.00%	5.00%			
Material + Misc. Taxable Costs + Tax		\$13,627.55	\$681.38	\$715.45	\$1,396.82	\$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	\$1,542.26	\$1,619.38	\$3,161.64	\$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%			
		\$60.00		\$63.00	\$123.00	\$1,323.00	2.5%
Grand Totals			5.00%	5.25%	10.25%	Bid Price	
		\$47,157.78	\$2,357.89	\$2,475.78	\$4,833.67	\$51,991.45	
Average Cost Per Square Foot				Without Misc. or OH&P	With Misc. and OH&P	Total Square Feet	
				\$20.30	\$22.96	2,264.00	