

### Demonstration Project

Quantity/Bid Price Report - Totals Only

Class	Mat. ID	Material Description	Amount	Units	Quantity	Lay-Rate Units/Day	----- Labor -----		----- Material -----		Man Days			
							Per Unit	Ext. Cost	Per Unit	Stored Ext. Cost				
BOL	BOLTS8-IN	100 CNT BOXES OF 8" BOLTS	40	Ea	40	Each	1,200	\$0.46	\$18	\$0.40	<input type="checkbox"/>	\$16	0.0	
BRI	M	Modular Brick	1,459	SF	9,852	Pieces	450	\$1.22	\$11,994	\$0.32	<input checked="" type="checkbox"/>	\$3,153	21.9	
BRI	MS	Modular Brick Soldier	180	SF	1,212	Pieces	300	\$1.83	\$2,214	\$0.30	<input checked="" type="checkbox"/>	\$364	4.0	
BRI	MW	Modular Pier Brick-White	192	SF	1,296	Pieces	400	\$1.37	\$1,775	\$0.32	<input checked="" type="checkbox"/>	\$415	3.2	
CMU	CMU SILL	8"Lt Wt CMU-1/2 Bullnose	4	SF	10	Pieces	130	\$4.21	\$42	\$0.55	<input checked="" type="checkbox"/>	\$6	0.1	
CMU	MW08	8" Mediumweight CMU	1,367	SF	1,538	Pieces	170	\$3.22	\$4,956	\$0.58	<input checked="" type="checkbox"/>	\$892	9.0	
CMU	MW08B	8" Mediumweight CMU-Bull	99	SF	111	Pieces	135	\$4.06	\$450	\$0.68	<input checked="" type="checkbox"/>	\$75	0.8	
CMU	MW08BB	8" MW CMU Bond Beam	137	SF	154	Pieces	120	\$4.56	\$705	\$0.68	<input checked="" type="checkbox"/>	\$105	1.3	
CMU	MW08BH	8"Lt Wt CMU-1/2 Bullnose	49	SF	111	Pieces	130	\$4.21	\$468	\$0.55	<input checked="" type="checkbox"/>	\$61	0.9	
CMU	MW08INT	Interior 8" MW CMU	346	SF	389	Pieces	150	\$3.65	\$1,421	\$0.58	<input checked="" type="checkbox"/>	\$226	2.6	
CMU	MW08PIER	8" Mediumweight CMU	288	SF	324	Pieces	140	\$3.91	\$1,268	\$0.58	<input checked="" type="checkbox"/>	\$188	2.3	
CMU	MW08S	8"Lt Wt CMU-Sash Full	107	SF	120	Pieces	160	\$3.42	\$411	\$0.65	<input checked="" type="checkbox"/>	\$78	0.8	
CMU	MW08SH	8"Lt Wt CMU-Sash Half	53	SF	120	Pieces	160	\$3.42	\$411	\$0.55	<input checked="" type="checkbox"/>	\$66	0.8	
CMU	PIER4CMU	4"CMU-Fill@back of brick	96	SF	108	Pieces	185	\$2.96	\$320	\$0.36	<input checked="" type="checkbox"/>	\$39	0.6	
CON	CJ	Control Joint Material	84	LF	84	LinFt	2,000	\$0.27	\$23	\$1.30	<input type="checkbox"/>	\$109	0.0	
DF	DF3-4X7-4	Door Frame 3'-4"x7'-4"	9	Ea	9	Each	8	\$68.47	\$616	\$90.00	<input type="checkbox"/>	\$810	1.1	
DRI	COPPERDRI	Copper Drip Edge	135	LF	135	LinFt	2,000	\$0.27	\$37	\$1.20	<input checked="" type="checkbox"/>	\$162	0.1	
FLA	IPCO18"	IPCO 18" Flashing	135	LF	135	LinFt	3,000	\$0.18	\$25	\$1.12	<input checked="" type="checkbox"/>	\$151	0.0	
GRO	3000PSI	3000 PSI Grout in Cu.Ft.	136	CF	136	CbcFt	175	\$3.13	\$425	\$3.00	<input type="checkbox"/>	\$408	0.8	
INR	BLUE2"	Blue 2" Rigid Insulation	1,990	SF	1,990	SqFt	1,500	\$0.37	\$727	\$0.59	<input checked="" type="checkbox"/>	\$1,174	1.3	
LIL	2X5SILLR	2-1/4 x 5 Sills	7	LF	2	Pieces	67	\$8.15	\$14	\$14.00	<input checked="" type="checkbox"/>	\$25	0.0	
LIL	COPING	Limestone Coping - LF	157	LF	39	Pieces	13	\$43.82	\$1,716	\$49.40	<input checked="" type="checkbox"/>	\$1,935	3.1	
LIL	PILASTCAP	4"x4"x24" Pilaster Cap	12	LF	6	Pieces	50	\$10.96	\$66	\$20.00	<input checked="" type="checkbox"/>	\$120	0.1	
MOR	MORTARDF	Door Frame Mortar	16	CF	16	CbcFt	120	\$4.56	\$73	\$2.15	<input type="checkbox"/>	\$34	0.1	
MOR	MORTARJ	Fill for Jamb Cell/Mortar	31	CF	31	CbcFt	120	\$4.56	\$141	\$2.15	<input type="checkbox"/>	\$67	0.3	
MOR	Type N Port/Lime	1:1:6 Mix	445	CF	445	CbcFt	0	\$0.00	\$0	\$2.02	<input type="checkbox"/>	\$899	0.0	
MOR	Type S Port/Lime	1:1/2:4-1/2 Mix	31	CF	31	CbcFt	0	\$0.00	\$0	\$2.13	<input type="checkbox"/>	\$66	0.0	
MOR	Type N White	Port/Lime--Silica Sand	10	CF	10	CbcFt	0	\$0.00	\$0	\$4.34	<input type="checkbox"/>	\$42	0.0	
REB	#4 14'-0"	#4 Vt Rebar14'-0"Long Pcs	546	LF	39	Pieces	129	\$4.26	\$166	\$4.80	<input type="checkbox"/>	\$187	0.3	
REB	#4 56"BAR	#4 Bond Beam 56" Pcs	103	LF	22	Pieces	386	\$1.42	\$31	\$1.63	<input type="checkbox"/>	\$36	0.1	
REB	#4BB 20-0	#4 Bond Beam 20'-0" Pcs	336	LF	17	Pieces	90	\$6.09	\$102	\$4.80	<input type="checkbox"/>	\$81	0.2	
SPL	SF04	4" Splitface	229	SF	258	Pieces	145	\$3.78	\$975	\$0.92	<input type="checkbox"/>	\$237	1.8	
WEE	WEEPPLAS	Plastic Weep Holes	67	Ea	67	Each	3,000	\$0.18	\$12	\$0.11	<input type="checkbox"/>	\$7	0.0	
WIR	HDT9GA14"	Hot-Dipp./Truss 9ga--14"	1,608	LF	1,608	LinFt	0	\$0.00	\$0	\$0.24	<input checked="" type="checkbox"/>	\$386	0.0	
WIR	MG79GA08"	Mill-Gal./Truss 9ga-- 8"	270	LF	270	LinFt	0	\$0.00	\$0	\$0.11	<input checked="" type="checkbox"/>	\$30	0.0	
							Totals:		\$31,602		<input type="checkbox"/>	\$2,999	57.7	
											Non-Stored		\$9,648	
											Stored Only			

**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

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		Costs & Taxes	Overhead	Profit	OH + Profit	Totals	% of Bid
Material Costs (non-stored)		\$2,999.04					
Misc. Taxable Costs		\$0.00					
Taxable Sub-Total		\$2,999.04					
Tax	7.750%	\$232.43					
Material Costs (stored)		\$9,648.34					
Tax	7.750%	\$747.75	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	5.00%	5.00%			
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%	\$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 Square Foot</b>				Without Misc. or OH&P	With Misc. and OH&P	Total Square Feet	
				\$15.71	\$22.96	2,264.00	