

**MATERIAL TAKEOFF AND COST ESTIMATE**

**MASONRY TAKEOFF**



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SR.	DRAWING	DETAIL	CSI NO	DESCRIPTION	QTY.	WASTE	TOTAL QTY.	UNIT	UNIT PRICE	TOTAL PRICE
			<b>01000</b>	<b>DIVISION 01 - GENERAL REQUIREMENTS</b>						
1				General Requirements	1	0%	1	LS	\$0	\$0.0
				<b>Subtotal</b>						
			<b>04000</b>	<b>DIVISION 4 - MASONRY</b>						
			<b>04200</b>	<b>UNIT MASONRY</b>						
2	A121 - A122	A702 S411		4" Thk. CMU wall - <b>Type R1, Z1</b> - #9 Horizontal truss reinforcement every other course - #4 Epoxy coated vertical rebar reinforcement @ 48" o.c - Grout solid reinforced cells w/ type S mortar	1450	5%	1522.5	SF	\$0	\$0.0
3	A121 - A122	A702 S411		6" Thk. CMU wall - <b>Type M1</b> - #9 Horizontal truss reinforcement every other course - #4 Epoxy coated vertical rebar reinforcement @ 48" o.c - Grout solid reinforced cells w/ type S mortar	830	5%	871.5	SF	\$0	\$0.0
4	A122 A123	A702 S411		6" Thk. CMU wall - <b>Type M1, M2</b> - #9 Horizontal truss reinforcement every other course - #5 Epoxy coated vertical rebar reinforcement @ 16" o.c - Grout solid reinforced cells w/ type S mortar	9645	5%	10127.25	SF	\$0	\$0.0
5	A121	A702 S411		1HR. 6" Thk. CMU wall - <b>Type N1</b> - #9 Horizontal truss reinforcement every other course - #4 Epoxy coated vertical rebar reinforcement @ 48" o.c - Grout solid reinforced cells w/ type S mortar	448	5%	470.4	SF	\$0	\$0.0
6	A121	A702 S411		2HR. 6" Thk. CMU wall - <b>Type N3, N6, N7</b> - #9 Horizontal truss reinforcement every other course - #4 Epoxy coated vertical rebar reinforcement @ 48" o.c - Grout solid reinforced cells w/ type S mortar	2895	5%	3039.75	SF	\$0	\$0.0
7	A122 A123	A702 S411		2HR. 6" Thk. CMU wall - <b>Type N3, N6, N7</b> - #9 Horizontal truss reinforcement every other course - #5 Epoxy coated vertical rebar reinforcement @ 16" o.c - Grout solid reinforced cells w/ type S mortar	3415	5%	3585.75	SF	\$0	\$0.0
8	A121 A122 A123	A702 S411		2HR. 6" Thk. CMU wall - <b>Type N3, N6</b> - #9 Horizontal truss reinforcement every other course - #4 Epoxy coated vertical rebar reinforcement @ 8" o.c - Grout solid reinforced cells w/ type S mortar	2430	5%	2551.5	SF	\$0	\$0.0
9	A122 A123	A702 S411		6" Thk. CMU wall - <b>Type Z2</b> - #9 Horizontal truss reinforcement every other course - #5 Epoxy coated vertical rebar reinforcement @ 16" o.c - Grout solid reinforced cells w/ type S mortar	8340	5%	8757	SF	\$0	\$0.0
10	A122 A123	A702 S411		6" Thk. CMU wall - <b>Type O1</b> - #9 Horizontal truss reinforcement every other course - #5 Epoxy coated vertical rebar reinforcement @ 16" o.c - Grout solid reinforced cells w/ type S mortar	250	5%	262.5	SF	\$0	\$0.0
11	A121 A124	A702 S411		6" Thk. Exterior CMU Backup wall - #9 Horizontal truss reinforcement every other course - #5 Epoxy coated vertical rebar reinforcement @ 24" o.c - Grout solid reinforced cells w/ type S mortar	2125	5%	2231.25	SF	\$0	\$0.0
12	A121 - A124			Scaffolding for interior CMU wall construction	31850	5%	33442.5	SF	\$0	\$0.0
13	A121 - A124	A3/S411		L4x4x1/4, 8"L for CMU & metal deck attachment - 1.405 EA	6750	5%	7087.5	LBS	\$0	\$0.0
14	A123	4/S205		L6x4x1/4, 12"L for CMU & metal deck attachment - 85 EA	725	5%	761.25	LBS	\$0	\$0.0
15	A122, A123	9/S205		PL16x3/8, 4"L for CMU & metal deck attachment - EA	2010	5%	2110.5	LBS	\$0	\$0.0
16	A121 - A124	A411, A703		(14"W, 12GA.) Plate	2500	5%	2625	LF	\$0	\$0.0
17	A121 - A124	2/S202		Grip-stray channel anchor @ 16" o.c	420	0%	420	EA	\$0	\$0.0
18	A201-A202	6/A801		<b>Brick Veneer Façade as:</b> - (3-5/8"Thk.) Brick veneer incl. ties - (1-1/2"Thk.) Rigid insulation - Water barrier membrane	1450	5%	1522.5	SF	\$0	\$0.0

			<b>04250</b>	<b>TERRA COTTA</b>						
19	A201 - A205	6/A801		<b>Terracotta Façade as:</b> - (4"Thk.) Terracotta façade panel incl. attachment framing - (6"Thk.) Cold-formed sub-grit framing system - (4"Thk.) Rigid insulation - Breathable weather / Air barrier	12500	5%	13125	SF	\$0	\$0.0
			<b>04270</b>	<b>GLASS UNIT MASONRY</b>						
20	A204	1/A311		(6"Thk.) Glass unit masonry wall	1260	5%	1323	SF	\$0	\$0.0
21	A205	2/A312		(8"Thk.) Glass unit masonry wall	850	5%	892.5	SF	\$0	\$0.0
22	A101	4/A701		(8"Thk.) Ground faced CMU wall	600	5%	630	SF	\$0	\$0.0
			<b>04420</b>	<b>EXTERIOR CUT STONE</b>						
23	A201 - A204	5/A324		<b>Limestone Panel Façade as:</b> - (4"Thk.) Limestone panel incl. support clips - Spray-on breathable vapor retarder - Fill back-up masonry voids and joints - Parge back-up wall using nylon mesh	210	5%	220.5	SF	\$0	\$0.0
24	A516	4,5/A516		<b>Facebrick Façade at Retaining Wall as:</b> - (2-1/4"x3-5/8"x7-5/8") Modular brick - 12 GA SS Veneer anchor at 16" O.C vertically and 18" O.C horizontally - Vapor barrier	1045	5%	1097.25	SF	\$0	\$0.0
25				24 GA SS Sheet flashing wet in sealant	182	5%	191.1	SF	\$0	\$0.0
26				Parged concrete finish	1045	5%	1097.25	SF	\$0	\$0.0
27				(1'9"Wx5-5/8"H) Precast concrete coping	120	5%	126	LF	\$0	\$0.0
			<b>04437</b>	<b>PRECAST CONCRETE U-LINTELS</b>						
28	A101	6/A802		(8"Thk.x16"D) Precast concrete lintel	120	5%	126	LF	\$0	\$0.0
			<b>04510</b>	<b>MASONRY CLEANING</b>						
29	A201 - A204			Pressure wash and clean brick masonry façade	16450	5%	17272.5	SF	\$0	\$0.0
30	A202 - A203			Pressure wash and clean stone masonry façade	6580	5%	6909	SF	\$0	\$0.0
31	A201 - A204			Pressure wash and clean architectural terracotta band - 380 LF	2460	5%	2583	SF	\$0	\$0.0
			<b>04520</b>	<b>MASONRY RESTORATION</b>						
32	A201 - A204	1/A320		Cut (Min 3/4" Deep), clean and repoint stone masonry joints	3850	5%	4042.5	SF	\$0	\$0.0
33	A201 - A204	1/A320		Cut (Min 3/4" Deep), clean and repoint brick masonry joints	3800	5%	3990	SF	\$0	\$0.0
34	A201 - A204	1-2/A320		Cut (Min 1/4" Deep), clean, and repoint/ recaulk stone joints	3520	5%	3696	SF	\$0	\$0.0
			<b>04720</b>	<b>CAST STONE</b>						
35	A105	1/A412		(16"Wx1-1/2"Thk.) Limestone coping incl. flashing	124	5%	130.2	LF	\$0	\$0.0
36	A201 - A202	2/A304		Max. 4-3/4" thk. 2'4"H (Profiled) Cast stone coping	78	5%	81.9	LF	\$0	\$0.0
37	A201 - A202	A805		5-1/2"x5-3/8" Cast stone sill at windows	63	5%	66.15	LF	\$0	\$0.0
38	A201 - A202	A805		5-1/2"x5-3/8" Cast stone header at windows	63	5%	66.15	LF	\$0	\$0.0
					<b>Subtotal</b>					
					<b>TOTAL BASE BID</b>					
<b>Exclusions:</b>					<b>Abbreviations:</b>					
1:					w/ < with ; o.c < on center ; incl. < including ; Reinf. < Reinforced					