

APPENDIX

RS Means Construction Cost Data 2005:

		03110 Structural C.I.P. Forms	Unit	Bare Mat.	Bare Labor	Bare Equip.	Bare Total	Total Incl. O&P	
410	0010	FORMS IN PLACE, COLUMNS							410
	6650	4 use	SFCA	.80	4.35		5.15	7.70	

		03110 Structural C.I.P. Forms	Unit	Bare Mat.	Bare Labor	Bare Equip.	Bare Total	Total Incl. O&P	
420	0010	FORMS IN PLACE, ELEVATED SLABS							420
	2000	Flat slab, drop panels, job-built plywood, to 15' high, 1 use	S.F.	4.44	3.56		8	10.45	

		03110 Structural C.I.P. Forms	Unit	Bare Mat.	Bare Labor	Bare Equip.	Bare Total	Total Incl. O&P	
430	0010	FORMS IN PLACE, FOOTINGS Continuous wall, plywood, 1 use	SFCA	2.31	2.76		5.07	6.85	430

		03110 Structural C.I.P. Forms	Unit	Bare Mat.	Bare Labor	Bare Equip.	Bare Total	Total Incl. O&P	
430	0010	FORMS IN PLACE, FOOTINGS Continuous wall, plywood, 1 use	SFCA	2.31	2.76		5.07	6.85	430
	5000	Spread footings, job-built lumber, 1 use	SFCA	1.66	3.40		5.06	7.15	

		03150 Concrete Accessories	Unit	Bare Mat.	Bare Labor	Bare Equip.	Bare Total	Total Incl. O&P	
600	0010	SHORES Erect and strip, by hand, horizontal members							600
	1500	Reshoring	S.F.	.38	.39		.77	1.02	

		03210 Reinforcing Steel	Unit	Bare Mat.	Bare Labor	Bare Equip.	Bare Total	Total Incl. O&P	
600	0010	REINFORCING IN PLACE A615 Grade 60, incl. access. labor							600
	0400	Elevated slabs, #4 to #7	Ton	850	420		1,270	1,625	

		03210 Reinforcing Steel	Unit	Bare Mat.	Bare Labor	Bare Equip.	Bare Total	Total Incl. O&P	
600	0010	REINFORCING IN PLACE A615 Grade 60, incl. access. labor							600
	0500	Footings, #4 to #7	Ton	760	580		1,340	1,800	

		03210 Reinforcing Steel	Unit	Bare Mat.	Bare Labor	Bare Equip.	Bare Total	Total Incl. O&P	
600	0010	REINFORCING IN PLACE A615 Grade 60, incl. access. labor							600
	0200	Columns, #3 to #7	Ton	800	810		1,610	2,200	

		03310 Structural Concrete	Unit	Bare Mat.	Bare Labor	Bare Equip.	Bare Total	Total Incl. O&P	
220	0010	CONCRETE, READY MIX Normal weight							220
	0400	5000 psi	C.Y.	90			90	99	

		03310 Structural Concrete	Unit	Bare Mat.	Bare Labor	Bare Equip.	Bare Total	Total Incl. O&P	
700	0010	PLACING CONCRETE and vibrating, including labor & equipment							700
	1900	Footings, continuous, shallow, direct chute	C.Y.		11.20	.40	11.60	17.70	
	1950	Pumped	C.Y.		12.25	5	17.25	24.50	

		03310 Structural Concrete	Unit	Bare Mat.	Bare Labor	Bare Equip.	Bare Total	Total Incl. O&P	
240	0010	CONCRETE IN PLACE Including forms (4 uses), reinforcing							240
	4650	Slab on grade, not including finish, 4" thick	C.Y.	104	48.50	.39	152.89	192	

		03310 Structural Concrete	Unit	Bare Mat.	Bare Labor	Bare Equip.	Bare Total	Total Incl. O&P	
700	0010	PLACING CONCRETE and vibrating, including labor & equipment							700
	4300	Slab on grade, 4" thick, direct chute	C.Y.		12.25	.44	12.69	19.35	

		03310 Structural Concrete	Unit	Bare Mat.	Bare Labor	Bare Equip.	Bare Total	Total Incl. O&P	
700	0010	PLACING CONCRETE and vibrating, including labor & equipment							700
	5600	Wheeled concrete dumping, add to placing costs above							
	5610	Walking cart, 50' haul, add	C.Y.		7.55	1.56	9.11	13.50	
	5620	150' haul, add	C.Y.		10.10	2.07	12.17	18	

		03310 Structural Concrete	Unit	Bare Mat.	Bare Labor	Bare Equip.	Bare Total	Total Incl. O&P	
700	0010	PLACING CONCRETE and vibrating, including labor & equipment							700
	1400	Elevated slabs, less than 6" thick, pumped	C.Y.		13.10	5.35	18.45	26	
	1450	With crane and bucket	C.Y.		22	10.10	32.10	44.50	
	1500	6" to 10" thick, pumped	C.Y.		11.50	4.70	16.20	23	
	1550	With crane and bucket	C.Y.		18.90	8.75	27.65	38.50	

		03310 Structural Concrete	Unit	Bare Mat.	Bare Labor	Bare Equip.	Bare Total	Total Incl. O&P	
700	0010	PLACING CONCRETE and vibrating, including labor & equipment							700
	1400	Elevated slabs, less than 6" thick, pumped	C.Y.		13.10	5.35	18.45	26	

		03350 Concrete Finishing	Unit	Bare Mat.	Bare Labor	Bare Equip.	Bare Total	Total Incl. O&P	
300	0010	FINISHING FLOORS Monolithic, screed finish	S.F.		.29		.29	.43	300
	0250	Machine trowel	S.F.		.48		.48	.70	

		04810 Unit Masonry Assemblies	Unit	Bare Mat.	Bare Labor	Bare Equip.	Bare Total	Total Incl. O&P	
186	0010	CONCRETE BLOCK FOUNDATION WALL C90/C145							186
	0350	12" thick	S.F.	2.51	4.97		7.48	10.35	

		05120 Structural Steel	Unit	Bare Mat.	Bare Labor	Bare Equip.	Bare Total	Total Incl. O&P	
680	0010	STRUCTURAL STEEL PROJECTS							680
	0700	Offices, hospitals, etc., steel bearing, 1 to 2 stories	Ton	1,750	291	137	2,178	2,575	
	0800	3 to 6 stories	Ton	1,775	335	105	2,215	2,675	

		05310 Steel Deck	Unit	Bare Mat.	Bare Labor	Bare Equip.	Bare Total	Total Incl. O&P	
300	0010	METAL DECKING Steel decking							300
	5700	3" deep, galv., 22 gauge	S.F.	1.53	.39	.03	1.95	2.40	
	5800	20 gauge	S.F.	1.71	.41	.03	2.15	2.65	
	5900	18 gauge	S.F.	2.10	.43	.03	2.56	3.12	
	6000	16 gauge	S.F.	2.80	.46	.03	3.29	3.93	

RS Means Assemblies Cost Data 2005:

B2010 134 Brick Face Cavity Wall									
	FACE BRICK	BACKUP MASONRY	TOTAL THICKNESS (IN.)	CAVITY INSULATION					
1000	Standard	4"common brick	10	polystyrene		S.F.	6.80	20	26.80
1020				none		S.F.	6.60	19.60	26.20
1040		6"SCR brick	12	polystyrene		S.F.	8.85	17.95	26.80

			DESCRIPTION			UNIT	MAT.	INST.	TOTAL
8200		sliding entrance	5' x 7' door	electric oper.	12'-0" x 7'-6"	Opng.	6,500	1,150	7,650
8250		sliding patio	temp. glass	economy	6'-0" x 7'-0"	Opng.	1,275	213	1,488
8300			temp. glass	economy	12'-0" x 7'-0"	Opng.	2,225	285	2,510
8350				premium	6'-0" x 7'-0"	Opng.	1,925	320	2,245
8400					12'-0" x 7'-0"	Opng.	3,350	430	3,780

B2020 106 Aluminum Windows									
	MATERIAL	TYPE	GLAZING	SIZE	DETAIL				
6400	Aluminum	projecting	std. glass	3'-1" x 3'-2"		Ea.	234	109	343
6450				4'-5" x 5'-3"		Ea.	330	137	467
6500			insul. glass	3'-1" x 3'-2"		Ea.	281	131	412
6550				4'-5" x 5'-3"		Ea.	395	164	559
6600		sliding	std. glass	3' x 2'		Ea.	177	109	286
6650				5' x 3'		Ea.	225	121	346
6700				8' x 4'		Ea.	325	182	507
6750				9' x 5'		Ea.	490	273	763
6800			insul. glass	3' x 2'		Ea.	197	109	306
6850				5' x 3'		Ea.	315	121	436
6900				8' x 4'		Ea.	520	182	702
6950				9' x 5'		Ea.	785	273	1,058

The following pages contain the drawings used for the estimate takeoffs.

