

MATERIAL TAKEOFF AND COST ESTIMATE STATEMENT

PROJECT NAME:

LOCATION:



Sr #	REFERENCE	DESCRIPTION	QUANTITY	WASTE	TOTAL QTY	UNIT	COST/UNIT	MATERIAL TOTAL	UNIT HOURS	TOTAL MANHOURS	UNIT LABOR	TOTAL LABOR	TOTAL COST	REMARKS	TRADE COST
<b>01. GENERAL CONDITIONS</b>															<b>\$87,500</b>
<b>INDIRECT PROJECT COSTS</b>															
1		General Liability Insurance	0.0	0%	0.0	Mo	\$ -	\$ -	0.000	0.00	\$ -	\$ -	\$ -		
2		General Conditions (Backoffice Overhead)	0.0	0%	0.0	Mo	\$ -	\$ -	0.000	0.00	\$ -	\$ -	\$ -		
<b>DIRECT PROJECT COSTS</b>															
3		Bonding Fee (if required)	1.0	0%	1.0	%	\$ -	\$ -	0.000	0.00	\$ -	\$ -	\$ -		
4		Access Control (Pipe Scaffolding or Boom/Scissor Lifts)	0.0	0%	0.0	Mo	\$ -	\$ -	0.000	0.00	\$ -	\$ -	\$ -		
5		Equipment Rental	1.0	0%	1.0	Mo	\$ -	\$ -	0.000	0.00	\$ 5,000.0	\$ 5,000	\$ 5,000		
6		Travel, Tools, Gas	0.0	0%	0.0	Mo	\$ -	\$ -	0.000	0.00	\$ -	\$ -	\$ -		
7		Field Office	0.0	0%	0.0	Mo	\$ -	\$ -	0.000	0.00	\$ -	\$ -	\$ -		
8		Temp. Facilities	1.0	0%	1.0	Mo	\$ -	\$ -	0.000	0.00	\$ 17,500.0	\$ 17,500	\$ 17,500		
9		Temp. Signage and Protection	0.0	0%	0.0	Mo	\$ -	\$ -	0.000	0.00	\$ -	\$ -	\$ -		
10		Temp. Fencing	0.0	0%	0.0	Mo	\$ -	\$ -	0.000	0.00	\$ -	\$ -	\$ -		
11		Field Superintendent/Foreman (Full Time)	1.0	0%	1.0	Mo	\$ -	\$ -	0.000	0.00	\$ 15,000.0	\$ 15,000	\$ 15,000		
12		Project Manager (Part Time)	0.0	0%	0.0	Mo	\$ -	\$ -	0.000	0.00	\$ -	\$ -	\$ -		
13		JB Crane Assembly	1.0	0%	1.0	LS	\$ -	\$ -	0.000	0.00	\$ -	\$ -	\$ -		
<b>03. CONCRETE</b>															<b>\$2,329,850</b>
<b>CONCRETE FOR FOUNDATION</b>															
14		7'-0"x3'-6" Continuous Concrete Pile Footing, 914.45 LF w/ #8 Rebar @ 8" O.C. Each Way Top & Bottom (4) #5 Rebar Dowels	829.8	5%	871.3	CY	\$ 420.00	\$ 365,932	4,000	3485.07	\$ 45.00	\$ 156,828	\$ 522,761		
15		7'-0"x4'-0" Continuous Concrete Pile Footing, 73.91 LF w/ #8 Rebar @ 8" O.C. Each Way Top & Bottom (4) #5 Rebar Dowels	76.6	5%	80.5	CY	\$ 420.00	\$ 33,802	4,000	321.92	\$ 45.00	\$ 14,486	\$ 48,288		
16		WF5.05'-0"x1'-0" Continuous Concrete Footing, 147.32 LF w/ #5 Rebar's @ 12" O.C. At Top & Bottom Each Way	27.3	5%	28.6	CY	\$ 420.00	\$ 12,031	4,000	114.58	\$ 45.00	\$ 5,156	\$ 17,187		
17		WF9.09'-0"x1'-0" Continuous Concrete Footing, 19.15 LF w/ #5 Rebar's @ 8" O.C. At Top & Bottom Each Way	6.4	5%	6.7	CY	\$ 420.00	\$ 2,815	4,000	26.81	\$ 45.00	\$ 1,206	\$ 4,022		
<b>PILE</b>															
18		12" x 12" Precast Concrete Pile	484.0	0%	484.0	EA									
19		12" x 12" Precast Concrete Test Pile	1.0	0%	1.0	EA									
<b>CONCRETE FOR PADESTALS</b>															
20		3'-0" x 3'-0" x 2'-0" Second Stage Concrete Pour	22.0	5%	23.1	CY	\$ 420.00	\$ 9,702	4,000	92.40	\$ 45.00	\$ 4,158	\$ 13,860		
<b>PILE CAP</b>															
21		PC-3: 6'-7" Wide x 5'-11" Long x 3'-3" Deep Reinforced Concrete Pipe Cap w/ #8 Rebar @ 8" O.C. Top & Bottom 3-Ways	8.0	5%	8.4	CY	\$ 420.00	\$ 3,546	4,000	33.77	\$ 45.00	\$ 1,520	\$ 5,066		
22		PC-4: 5'-6" Wide x 5'-6" Long x 3'-3" Deep Reinforced Concrete Pipe Cap w/ #8 Rebar @ 9" O.C. Top & Bottom Each Ways	65.5	5%	68.8	CY	\$ 420.00	\$ 28,904	4,000	275.28	\$ 45.00	\$ 12,387	\$ 41,291		
23		PC-6 (a): 5'-6" Wide x 8'-6" Long x 4'-2" Deep Reinforced Concrete Pipe Cap w/ #8 Rebar @ 6" O.C. Top & Bottom Each Ways	79.4	5%	83.4	CY	\$ 420.00	\$ 35,026	4,000	333.58	\$ 45.00	\$ 15,011	\$ 50,037		
24		PC-6 (b): 5'-6" Wide x 8'-6" Long x 4'-6" Deep Reinforced Concrete Pipe Cap w/ #8 Rebar @ 6" O.C. Top & Bottom Each Ways	31.2	5%	32.7	CY	\$ 420.00	\$ 13,745	4,000	130.90	\$ 45.00	\$ 5,891	\$ 19,635		
<b>RING CONCRETE BEAM</b>															
25		12"x48" Reinforced Concrete Ring Beam w/ (2) #4 Rebar Cont. At Top w/ (3) #6 Rebar Cont. At Bottom w/ #4 Strirups @ 6" O.C. w/ (5) #4 Skin Rebar Cont. Each Side	34.9	5%	36.7	CY	\$ 420.00	\$ 15,399	4,000	146.66	\$ 45.00	\$ 6,600	\$ 21,999		
<b>CONCRETE FOR WALLS</b>															
26		12" Thick x 5'-0" High Concrete Wall w/ #5 Rebar's @ 12" o.c. Each Way, Each Face	11.6	5%	12.2	CY	\$ 420.00	\$ 5,125	4,000	48.81	\$ 45.00	\$ 2,196	\$ 7,321		
<b>CONCRETE FOR CURB</b>															
27		6-3/4" Thick x 1'-3" High Concrete Curb w/ #4 Rebar @ 12" O.C. Each Way	2.7	5%	2.8	CY	\$ 420.00	\$ 1,173	4,000	11.17	\$ 45.00	\$ 503	\$ 1,675		
28		8" Thick x 1'-3" High Concrete Curb w/ #4 Rebar @ 12" O.C. Each Way	4.2	5%	4.4	CY	\$ 420.00	\$ 1,869	4,000	17.80	\$ 45.00	\$ 801	\$ 2,669		
29		6" Concrete Curb w/ (1) #4 Rebar Cont.	0.2	5%	0.2	CY	\$ 420.00	\$ 69	4,000	0.66	\$ 45.00	\$ 30	\$ 99		
<b>CONCRETE FOR STAIR</b>															
30		2" Thick Light Weight Concrete For Over Metal Stair Tread	3.6	5%	3.7	CY	\$ 420.00	\$ 1,566	4,000	14.91	\$ 45.00	\$ 671	\$ 2,237		
<b>CONCRETE FOR SLAB</b>															
31		6" Thick Concrete Slab On Grade w/ #5 Rebar @ 12" Each Way	675.8	5%	709.5	CY	\$ 420.00	\$ 298,007	4,000	2838.16	\$ 45.00	\$ 127,717	\$ 425,725		
32		3'-6" Thick Reinforced Concrete Slab For Elevator Pit w/ #8 Rebar @ 7" O.C. Top & Bottom Each Way	60.1	5%	63.2	CY	\$ 420.00	\$ 26,525	4,000	252.62	\$ 45.00	\$ 11,368	\$ 37,893		
33		9" Thick Reinforced Concrete Slab For Elevator Pit w/ #8 Rebar @ 7" O.C. Bottom Each Way	0.2	5%	0.2	CY	\$ 420.00	\$ 98	4,000	0.93	\$ 45.00	\$ 42	\$ 140		
34		3-1/4" Thick Light Weight Concrete Floor Slab Over Metal Deck w/ (5) #6 Rebar Cont. @ 2" O.C. w/ #4 Rebar x 4'-0" Bent @ 24" O.C.	510.0	5%	535.5	CY	\$ 420.00	\$ 224,894	4,000	2141.85	\$ 45.00	\$ 96,383	\$ 321,277		
35		3-1/4" Thick Light Weight Concrete Roof Slab Over Metal Deck w/ (5) #6 Rebar Cont. @ 2" O.C. w/ #4 Rebar x 4'-0" Bent @ 24" O.C.	523.8	5%	549.9	CY	\$ 420.00	\$ 230,978	4,000	2199.79	\$ 45.00	\$ 98,991	\$ 329,968		
36		4" Thick Concrete Slab On Geofoam w/ #4 Rebar @ 12" O.C. Top & Bottom Each Way	22.1	5%	23.2	CY	\$ 420.00	\$ 9,729	4,000	92.66	\$ 45.00	\$ 4,170	\$ 13,899		
37		2-1/2" Thick Light Weight Concrete Roof Slab Over Metal Deck w/ #4 @ 12" O.C. Each Way	6.6	5%	6.9	CY	\$ 420.00	\$ 2,899	4,000	27.61	\$ 45.00	\$ 1,242	\$ 4,142		
38		6" Thick Concrete Pad For Equipment's w/ #5 Rebar @ 12" O.C. Each Way At Top	28.8	5%	30.3	CY	\$ 420.00	\$ 12,707	4,000	121.02	\$ 45.00	\$ 5,446	\$ 18,153		
39		24" Thick Concrete Pad For Generator/Chiller w/ #6 Rebar @ 10" O.C. Each Way At Top & Bottom	429.5	5%	451.0	CY	\$ 420.00	\$ 189,401	4,000	1803.82	\$ 45.00	\$ 81,172	\$ 270,573		
40		12" Thick Concrete Pad For Equipment w/ #5 Rebar @ 12" O.C. Each Way At Top & Bottom	29.3	5%	30.8	CY	\$ 420.00	\$ 12,936	4,000	123.20	\$ 45.00	\$ 5,544	\$ 18,480		
41		10 MIL Vapor Barrier	36250.0	5%	38062.5	SF	\$ 0.45	\$ 17,128	0.022	837.38	\$ 45.00	\$ 37,682	\$ 54,810		
42		6" Capillary Water Barrier	36250.0	5%	38062.5	SF	\$ 0.45	\$ 17,128	0.022	837.38	\$ 45.00	\$ 37,682	\$ 54,810		
43		Assume 6" Compacted Structural Fill	671.3	5%	704.9	SF	\$ 2.20	\$ 1,551	0.045	31.72	\$ 45.00	\$ 1,427	\$ 2,978		
44		Control Joint	4905.0	5%	4730.3	LF	\$ 2.00	\$ 9,461	0.035	165.56	\$ 45.00	\$ 7,450	\$ 16,911		
45		Isolation Joint	385.0	5%	404.3	LF	\$ 2.00	\$ 809	0.035	14.15	\$ 45.00	\$ 637	\$ 1,445		
<b>32. EXTERIOR IMPROVEMENTS</b>															<b>\$608,767</b>
<b>CONCRETE PAVEMENT/SIDEWALK</b>															
46		4" Thick Concrete Sidewalk (3000 psi) w/ 5"x5'-W1-4XW1.4 Welded Wire Fabric	78772.0	5%	82710.6	SF	\$ 5.15	\$ 425,960	0.022	1819.63	\$ 50.00	\$ 90,982	\$ 516,941		
47		Control Joints	15754.4	5%	16542.1	LF	\$ -	\$ -	0.012	198.51	\$ 50.00	\$ 9,925	\$ 9,925		
48		4" Thick Decorative Stamped Concrete (3000 psi) w/ 5"x5'-W1-4XW1.4 Welded Wire Fabric <i>Note: Thickness and Reinforcement is assumed</i>	5700.0	5%	5985.0	SF	\$ 5.70	\$ 34,115	0.022	131.67	\$ 50.00	\$ 6,584	\$ 40,698		
49		Detectable Warning Surface	88.0	5%	92.4	SF	\$ 28.15	\$ 2,601	0.016	1.48	\$ 50.00	\$ 74	\$ 2,675		
<b>CONCRETE CURBS, FOOTINGS</b>															
50		18"x8" Type 'D' Concrete Curb	951.9	5%	999.5	LF	\$ 11.91	\$ 11,903	0.120	119.93	\$ 50.00	\$ 5,997	\$ 17,900		
51		Modified 12" Type 'D' Concrete Curb	139.2	5%	146.1	LF	\$ 17.78	\$ 2,598	0.135	19.72	\$ 50.00	\$ 986	\$ 3,584		
52		12"x10" Header Curb	694.9	5%	729.6	LF	\$ 9.84	\$ 7,180	0.135	98.50	\$ 50.00	\$ 4,925	\$ 12,104		
53		Curb Transition	18.1	5%	19.0	LF	\$ 13.20	\$ 251	0.066	1.26	\$ 50.00	\$ 63	\$ 314		
54		Concrete Wheel Stop, 6'0" Long	20.0	5%	21.0	EA	\$ 85.00	\$ 1,785	1.000	21.00	\$ 50.00	\$ 1,050	\$ 2,835		
55		1'6" Dia. X 3'0" Deep Sign Footing (14 EA)	2.7	5%	2.9	CY	\$ 420.00	\$ 1,212	4,000	11.55	\$ 50.00	\$ 577	\$ 1,789		
<b>NOTES FOR CLIENTS</b>															
THIS EXCEL STATEMENT IS EDITABLE AND CAN BE MODIFIED AS NEEDED.															
<b>SUBTOTAL</b>												<b>\$2,975,617</b>			
<b>GENERAL CONDITIONS</b>															
<b>OVERHEAD</b>												5%	<b>\$ 149,780.86</b>		
<b>PROFIT</b>												15%	<b>\$ 446,342.67</b>		
<b>INSURANCE</b>												0%	<b>\$ -</b>		
<b>CONTINGENCY</b>												2%	<b>\$ 59,512.84</b>		
<b>NET TOTAL</b>												<b>\$ 3,980,289</b>			