



# MSMM

## ENGINEERING, LLC

Office Reconfiguration				ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST	
Item	Description of Item	Unit	Estimated Quantity	Unit Price	Amount
				(\$)	(\$)
1	Mobilization and Demobilization	LS	1	\$50,000.00	\$50,000.00
2	General Conditions	LS	1	\$37,800.00	\$37,800.00
3	Permitting	LS	1	\$6,250.00	\$6,250.00
4	Demolition (Dumpster, Labor)	LS	1	\$56,250.00	\$56,250.00
5	Asbestos Abatement	LS	1	\$112,500.00	\$112,500.00
6	Supervision	LS	1	\$18,750.00	\$18,750.00
7	Safety	LS	1	\$1,250.00	\$1,250.00
8	Cleaning	LS	1	\$7,500.00	\$7,500.00
9	Storage Area	LS	1	\$35,000.00	\$35,000.00
10	Doors & Frames	EA	10	\$1,632.31	\$16,323.13
11	Walls (Metal Stud w/ Gypsum)	SF	1530	\$15.00	\$22,950.00
12	Paints and Coating	SF	24160	\$18.75	\$453,000.00
13	Flooring - Carpet Squares	SY	1172	\$37.50	\$43,941.96
14	Drop Ceiling	SY	1172	\$45.00	\$52,730.35
	MECHANICAL				
15	HVAC Diffuser Relocation	EA	32	\$1,787.50	\$57,200.00
16	Thermostat	EA	10	\$375.00	\$3,750.00
	FURNITURE				
17	KV - CEO	LS	1	\$13,775.15	\$13,775.15
18	KV - Typical 1	LS	1	\$10,225.35	\$10,225.35
19	KV - Typical 2	LS	1	\$58,544.28	\$58,544.28
20	KV - Typical 3	LS	1	\$24,849.76	\$24,849.76
21	KV - Typical 4	LS	1	\$10,744.62	\$10,744.62
22	KV - Workstations	LS	1	\$159,068.17	\$159,068.17
25	KV - Large Break Room	LS	1	\$4,822.97	\$4,822.97
26	KV - Small Break Room	LS	1	\$2,288.13	\$2,288.13
27	KV - Phone/Video Room	LS	1	\$26,588.71	\$26,588.71
28	KV - Large Conference	LS	1	\$81,015.19	\$81,015.19
29	KV - Small Conference	LS	1	\$17,741.92	\$17,741.92
30	KV - Installation	LS	1	\$80,000.00	\$80,000.00
31	ADA Compliance Restrooms	EA	2	\$32,500.00	\$65,000.00
32	Kitchenette	EA	3	\$4,160.00	\$12,480.00
	ELECTRICAL				
33	Mobilization & Permits	LS	1	\$6,250.00	\$6,250.00
34	Demo	LS	1	\$15,000.00	\$15,000.00
35	Backboards	LS	1	\$312.50	\$312.50
36	Data Rack & Patch Panels	LS	1	\$1,500.00	\$1,500.00
37	MISC wm, BOXES AND SUPPORT	LS	1	\$25,000.00	\$25,000.00
38	Fire Alarm	SF	16000	\$5.00	\$80,000.00
39	#1/0 Feeder	LF	150	\$50.63	\$7,593.75
40	1/2" EMT 7#12 Branch Circuit	LF	2000	\$13.75	\$27,500.00
41	#12 MC Cable	LF	7500	\$6.88	\$51,562.50
42	CAT 6	LF	18000	\$2.50	\$45,000.00
43	COAX	LF	300	\$3.13	\$937.50
44	DATA 1" EMT Conduits	LF	600	\$11.25	\$6,750.00
45	3/4" EMT for Camera	LF	300	\$10.00	\$3,000.00
46	CAT 6 for Camera	LF	1600	\$1.88	\$3,000.00

47	225A Panel	EA	2	\$4,625.00	\$9,250.00
48	New Breaker	EA	2	\$3,125.00	\$6,250.00
49	Floor Boxes	EA	2	\$1,562.50	\$3,125.00
50	Data Outlet Box	EA	60	\$50.00	\$3,000.00
51	RJ45	EA	120	\$18.75	\$2,250.00
52	Terminations	EA	240	\$81.25	\$19,500.00
53	Receptacle	EA	40	\$75.00	\$3,000.00
54	GFI	EA	10	\$112.50	\$1,125.00
55	Furniture Connections	EA	9	\$125.00	\$1,125.00
56	LED 2*4	EA	200	\$300.00	\$60,000.00
57	Toggle Switch	EA	15	\$75.00	\$1,125.00
58	Line Voltage OCC Sensor	EA	4	\$268.75	\$1,075.00
59	Access Control Door	EA	5	\$1,500.00	\$7,500.00
60	Camera	EA	8	\$2,000.00	\$16,000.00
Subtotal Base Bid Items					\$1,950,070.92
Office Reconfiguration Alternate 1 - Exposed Ceiling			ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST		
Item	Description of Item	Unit	Estimated Quantity	Unit Price (\$)	Amount (\$)
	Raise Existing Walls 1.5'	LF	713	\$50.00	\$35,650.00
	Walls (Metal Stud w/ Gypsum)	SF	4716	\$20.00	\$94,320.00
	Walls (Metal Stud w/ Gypsum) - Removed	SF	-1530	\$15.00	-\$22,950.00
	Wire Hangers	LS	1	\$20,386.56	\$20,386.56
	Lighting Hangers	EA	200	\$50.00	\$10,000.00
	Additional Demo	LS	1	\$20,000.00	\$20,000.00
	Painted Transitional Trim	LF	2991	\$6.00	\$17,946.60
	Painted Exposed Ceiling	SF	1172	\$20.00	\$23,435.71
	Drop Ceiling - Removed	SF	-1172	\$45.00	-\$52,730.35
	Mechanical Updates	LS	1	\$100,000.00	\$100,000.00
	Mechanical Diffusers - Removed	EA	-32	\$1,787.50	-\$57,200.00
	Unknown Hazardous Material	LS	1	\$75,000.00	\$75,000.00
Subtotal Alternate 1 Items					\$263,858.52
Office Reconfiguration Alternate 2 - Fire Alarm First Floor			ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST		
Item	Description of Item	Unit	Estimated Quantity	Unit Price (\$)	Amount (\$)
	Fire Alarm 1st Floor	LS	1	\$100,000.00	\$100,000.00
Subtotal Alternate 2 Items					\$100,000.00
Design (10%)					\$231,392.94
Construction Admin. (5%)					\$115,696.47
Contingency (15%)					\$347,089.42
Escalation (7%)					\$161,975.06
Total Cost Estimate					\$3,170,083.34