

Essex Public Safety Building Project
Additional Funding Necessary to Complete Base Scope
9/10/2019

	Budget at SD	Budget at 60% CD	Change from SD to 60% CD
CONSTRUCTION COST	\$ 15,048,539	\$ 13,465,028	\$ (1,583,511)
Construction of new building, demolition and restoration at existing site and demo/disposal of barn (60% CD value is the average of the two estimates)			
ARCHITECTURE & ENGINEERING	\$ 644,402	\$ 609,002	\$ (35,400)
Basic, Additional and Reimbursable Services			
ADMINISTRATION	\$ 502,826	\$ 512,826	\$ 10,000
OPM Basic Services, Additional and Reimbursable Services, Advertising, Printing, Permits and Owner's Insurance			
MISCELLANEOUS SOFT COSTS	\$ 141,610	\$ 158,000	\$ 16,390
Hazmat Monitoring & Testing, Commissioning, Material Testing and Inspection, Moving Costs and Utility Company Backcharges			
Re-use of Historic Barn Elements	\$ -	\$ -	\$ -
Careful Dismantling and Incorporation of Selected Elements in New Building (Cost was anticipated to be offset by CPA funding at SD Phase and has since been removed from the project scope as CPA funding would not be sufficient to cover the currently anticipated cost of \$200k+/-)			
FURNISHINGS & EQUIPMENT	\$ 300,000	\$ 400,000	\$ 100,000
Furnishings, Equipment and Technology			
CONTINGENCY	\$ 897,418	\$ 802,407	\$ (95,011)
Construction and Owner's Contingency (6% of Construction Cost)			
TOTAL BASE BUDGET	\$ 17,534,795	\$ 15,947,263	\$ (1,587,532)
MAY 2019 APPROPRIATION		\$ (497,105)	
ADDITIONAL FUNDING NEEDED		\$ 15,450,158	

	PM&C (OPM)		Miyakoda Consulting (Architect)		Variance		DD	Variance
	GFA	24,505	GFA	24,505	GFA	-	Estimate	to DD
	Total Cost	Cost/SF	Total Cost	Cost/SF	Total Cost	Cost/Sf	Total Cost	Total Cost
BUILDING COSTS								
DIV. 3 CONCRETE	\$ 1,041,460	\$ 42.50	\$ 1,029,313	\$ 42.00	\$ 12,147	\$ 0.50	\$ 794,557	\$ 234,756
DIV. 4 MASONRY	\$ 428,567	\$ 17.49	\$ 418,570	\$ 17.08	\$ 9,997	\$ 0.41	\$ 368,401	\$ 50,169
DIV. 5 METALS	\$ 889,305	\$ 36.29	\$ 889,566	\$ 36.30	\$ (261)	\$ (0.01)	\$ 828,098	\$ 61,468
DIV. 6 WOODS & PLASTICS	\$ 182,023	\$ 7.43	\$ 191,403	\$ 7.81	\$ (9,380)	\$ (0.38)	\$ 177,583	\$ 13,820
DIV. 7 THERMAL & MOISTURE PROTECTION	\$ 935,680	\$ 38.18	\$ 929,477	\$ 37.93	\$ 6,203	\$ 0.25	\$ 926,723	\$ 2,754
DIV. 8 DOORS & WINDOWS	\$ 464,100	\$ 18.94	\$ 465,093	\$ 18.98	\$ (993)	\$ (0.04)	\$ 519,026	\$ (53,933)
DIV. 9 FINISHES	\$ 1,042,371	\$ 42.54	\$ 1,028,473	\$ 41.97	\$ 13,898	\$ 0.57	\$ 1,006,280	\$ 22,193
DIV. 10 SPECIALTIES	\$ 287,993	\$ 11.75	\$ 284,070	\$ 11.59	\$ 3,923	\$ 0.16	\$ 315,670	\$ (31,600)
DIV. 11 EQUIPMENT	\$ 101,000	\$ 4.12	\$ 87,000	\$ 3.55	\$ 14,000	\$ 0.57	\$ 263,000	\$ (176,000)
DIV. 12 FURNISHINGS	\$ 119,215	\$ 4.86	\$ 116,863	\$ 4.77	\$ 2,352	\$ 0.10	\$ 97,569	\$ 19,294
DIV. 14 CONVEYING SYSTEMS	\$ 127,500	\$ 5.20	\$ 127,500	\$ 5.20	\$ -	\$ -	\$ 138,000	\$ (10,500)
DIV. 21 FIRE SUPPRESSION	\$ 158,460	\$ 6.47	\$ 164,595	\$ 6.72	\$ (6,135)	\$ (0.25)	\$ 168,382	\$ (3,787)
DIV. 22 PLUMBING	\$ 546,570	\$ 22.30	\$ 552,008	\$ 22.53	\$ (5,438)	\$ (0.22)	\$ 523,972	\$ 28,036
DIV. 23 HVAC	\$ 1,436,467	\$ 58.62	\$ 1,423,565	\$ 58.09	\$ 12,902	\$ 0.53	\$ 1,496,640	\$ (73,075)
DIV. 26 ELECTRICAL	\$ 1,234,440	\$ 50.38	\$ 1,261,868	\$ 51.49	\$ (27,428)	\$ (1.12)	\$ 1,265,694	\$ (3,826)
DIV. 31 EARTHWORK	\$303,539	\$ 12.39	\$ 309,194	\$ 12.62	\$ (5,655)	\$ (0.23)	\$ 273,921	\$ 35,273
SUBTOTAL BUILDING COSTS	\$ 9,298,690	\$ 379.46	\$ 9,278,561	\$ 378.64	\$ 20,129	\$ 0.82	\$ 9,163,516	\$ 115,045

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60% CD Cost Estimate Summary

9/10/2019

	PM&C (OPM)		Miyakoda Consulting (Architect)		Variance		DD	Variance
	GFA	24,505	GFA	24,505	GFA	-	Estimate	to DD
	Total Cost	Cost/SF	Total Cost	Cost/SF	Total Cost	Cost/Sf	Total Cost	Total Cost
SITWORK								
DIV. 02 EXISTING CONDITIONS	\$ -		\$ 45,719		\$ (45,719)		\$ 44,819	\$ 900
DIV. 31 EARTHWORK	\$ 395,362		\$ 354,540		\$ 40,822		\$ 592,381	\$ (237,841)
DIV. 32 EXTERIOR IMPROVEMENTS	\$ 805,714		\$ 811,353		\$ (5,639)		\$ 572,971	\$ 238,382
DIV. 33 UTILITIES	\$ 524,180		\$ 508,738		\$ 15,442		\$ 572,162	\$ (63,424)
DIV. 34 TRAFFIC CONTROL	\$ 150,000		\$ 150,000		\$ -		\$ 150,000	\$ -
SUBTOTAL SITWORK	\$ 1,875,256		\$ 1,870,350		\$ 4,906		\$ 1,932,333	\$ (61,983)
DEMO EXISTING BARN/HOUSE	\$ 30,657.00		\$ 30,000		\$ 657		\$ 30,000	
HAZMAT REMOVAL ALLOWANCE	\$ 26,500.00		\$ 26,500.00		\$ -		\$ 10,000	
SUB-TOTAL DIRECT (TRADE) COST	\$ 11,231,103	\$ 458.32	\$ 11,205,411	\$ 457.27	\$ 25,692	\$ 1.05	\$ 11,135,849	\$ 69,562
DESIGN AND PRICING CONTINGENCY	3.0% \$ 336,933		3.0% \$ 336,162		\$ 771		\$ 556,792	
SUB-TOTAL	\$ 11,568,036		\$ 11,541,573		\$ 26,463		\$ 11,692,641	
GENERAL CONDITIONS / REQUIREMENTS	7.50% \$882,344		7.50% \$ 881,199		\$ 1,145		\$ 892,733	
BONDS	1.00% \$117,646		0.80% \$ 100,376		\$ 17,270		\$ 88,979	
INSURANCE	1.25% \$147,057		1.00% \$ 124,228		\$ 22,829		\$ 125,854	
PERMIT	Waived		Waived		Waived		Waived	
OVERHEAD AND FEE	3.00% \$ 387,349 \$ -		3.00% \$ 379,421		\$ 7,928		\$ 320,005	
SUB-TOTAL	\$ 13,102,432		\$ 13,026,797		\$ 75,635		\$ 13,120,212	
ESCALATION	1.75% \$ 196,544		1.92% \$ 250,115		\$ (53,571)		\$ 437,340	
TOTAL OF ALL CONSTRUCTION	\$ 13,298,976	\$ 542.70	\$ 13,276,912	\$ 541.80	\$ 22,064	\$ 0.90	\$ 13,557,552	\$ (280,640)
Demo existing public safety building (Inc. Haz Mat)	\$ 145,447		\$ 121,600		\$ 23,847		\$ 67,000	
Regrade and provide lawn at existing public safety building	\$ 47,121		\$ 40,000		\$ 7,121		\$ 40,000	
TOTAL W/EXISTING PUBLIC SAFETY SCOPE	\$ 13,491,544	\$ 550.56	\$ 13,438,512		\$ 53,032		\$ 13,664,552	\$ (226,040)