

MSBA REPAIR PROJECTS COST DATA

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DISTRICT	Ashland		Attleboro		Attleboro	
SCHOOL	Mindess ES		Attleboro HS (Green Repair)		Hill-Roberts ES (Green Repair)	
TOTAL BUILDING SF	96,233		428,700		76,630	
SCOPE	Roof sf:	96,233	Window sf:	6,400	Roof sf:	44,000
	Cost	% Sub Total Construction	Cost	% Sub Total Construction	Cost	% Sub Total Construction
Administration						
Total Administration	\$51,500		\$0		\$0	
Owner's Project Manager						
	Heery International		Skanska USA Building		Skanska USA Building	
Feasibility Study/ Schematic Design			\$3,750	0.92%	\$3,750	0.50%
Design Development	inc in CD					
Construction Contract Documents	\$32,500	1.23%	\$21,525	5.31%	\$21,525	2.85%
Bidding	\$4,500	0.17%				
Construction Contract Administration	\$50,000	1.89%	\$27,420	6.76%	\$27,420	3.64%
Closeout	\$5,000	0.19%				
Reimbursable Services						
Other Project Manager Costs						
Total OPM Fee	\$92,000	3.47%	\$52,695	12.99%	\$52,695	6.99%
Architecture and Engineering						
	Gale Associates		Russo Barr		Russo Barr	
Basic Services						
Feasibility Study	inc in sd					
Schematic Design	\$39,710	1.50%	\$14,000	3.45%	\$24,400	3.24%
Design Development	inc in CD					
Construction Contract Documents	\$35,810	1.35%	\$5,225	1.29%	\$10,800	1.43%
Bidding	\$6,500	0.25%	\$4,000	0.99%	\$5,000	0.66%
Construction Contract Administration	\$39,250	1.48%	\$8,000	1.97%	\$14,000	1.86%
Closeout		0.00%				
Other Basic Services						
Subtotal A/E Basic Services	\$121,270	4.58%	\$31,225	7.70%	\$54,200	7.19%
Extra and Reimbursable Services						
Construction testing			\$1,000		\$2,000	
Printing			\$3,000		\$3,000	
Hazardous Material			\$1,000		\$2,000	
Geotechnical						
Other	\$14,000					
Subtotal A/E Extra Services	\$14,000		\$5,000		\$7,000	
Total A/E Fee	\$135,270	5.11%	\$36,225	8.93%	\$61,200	8.12%
Construction						
Construction Trades						
SHELL						
Superstructure						
Exterior Closure			\$405,550			
Roofing	\$2,647,850				\$704,000	
INTERIORS						
Interior Construction						
Staircases						
Interior Finishes					\$50,000	
SERVICES						
Plumbing						
HVAC						
Fire Protection						
Electrical						
SPECIAL CONSTRUCTION & DEMOLITION						
Existing Building Demolition						
In-Bldg Hazardous Material Abatement						
Asbestos Cont'g Floor Mat'l Abatement						
Other Hazardous Material Abatement						
BUILDING SITE WORK						
Subtotal Construction Trades	\$2,647,850		\$405,550		\$754,000	
Other Construction Costs		% construction trades		% construction trades		% construction trades
Insurance						
Sub-Contractor Bonds						
Contingencies (Design and Pricing)						
General Conditions						
Overhead & Profit						
Escalation to Mid-Point of Construction						
Subtotal Other Construction Costs	\$0		\$0		\$0	
Alternates						
Subtotal Construction Costs	\$2,647,850		\$405,550		\$754,000	
Construction Contingency	\$184,750	6.98%	\$0	0.00%	\$0	0.00%
Total Construction Costs	\$2,832,600		\$405,550		\$754,000	
Miscellaneous Project Costs						
Subtotal Misc Project Costs	\$0		\$0		\$0	
Subtotal Total Project Budget	\$3,111,370		\$494,470		\$867,895	
Owner's Contingency	\$0	0.00%	\$4,858	0.97%	\$12,105	1.38%
Total Project Budget	\$3,111,370		\$499,328		\$880,000	

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DISTRICT	Attleboro		Attleboro		Braintree	
SCHOOL	Hyman-Fine ES (Green Repair)		Studley ES (Green Repair)		Braintree HS (Green Repair)	
TOTAL BUILDING SF	76,630		71,000		380,847	
SCOPE	Roof sf:	44,000	Roof sf:	70,000	Roof sf:	35,000
	Cost	% Sub Total Construction	Cost	% Sub Total Construction	Cost	% Sub Total Construction
Administration						
Total Administration	\$0		\$0		\$0	
Owner's Project Manager						
	Skanska USA Building		Skanska USA Building		RF Walsh Collaborative Partners	
Feasibility Study/ Schematic Design	\$3,750	0.50%	\$3,750	0.39%	\$3,000	0.75%
Design Development						
Construction Contract Documents	\$21,525	2.85%	\$21,525	2.27%	\$6,000	1.50%
Bidding					\$600	0.15%
Construction Contract Administration	\$27,420	3.64%	\$27,420	2.89%	\$9,000	2.25%
Closeout					\$600	0.15%
Reimbursable Services						
Other Project Manager Costs						
Total OPM Fee	\$52,695	6.99%	\$52,695	5.55%	\$19,200	4.80%
Architecture and Engineering						
	Russo Barr		Russo Barr		Habeb & Associates	
Basic Services						
Feasibility Study						
Schematic Design	\$24,400	3.24%	\$59,500	6.26%	\$8,000	2.00%
Design Development						
Construction Contract Documents	\$10,800	1.43%	\$31,825	3.35%	\$16,000	4.00%
Bidding	\$5,000	0.66%	\$8,000	0.84%	\$1,500	0.37%
Construction Contract Administration	\$14,000	1.86%	\$33,000	3.47%	\$11,500	2.87%
Closeout					\$1,500	0.37%
Other Basic Services						
Subtotal A/E Basic Services	\$54,200	7.19%	\$132,325	13.93%	\$38,500	9.62%
Extra and Reimbursable Services						
Construction testing	\$2,000		\$3,000		\$0	
Printing	\$3,000		\$6,000		\$500	
Hazardous Material	\$2,000		\$2,000		\$3,900	
Geotechnical						
Other						
Subtotal A/E Extra Services	\$7,000		\$11,000		\$4,400	
Total A/E Fee	\$61,200	8.12%	\$143,325	15.09%	\$42,900	10.72%
Construction						
Construction Trades						
SHELL						
Superstructure						
Exterior Closure						
Roofing	\$704,000		\$900,000		\$304,245	
INTERIORS						
Interior Construction						
Staircases						
Interior Finishes	\$50,000		\$50,000			
SERVICES						
Plumbing						
HVAC						
Fire Protection						
Electrical						
SPECIAL CONSTRUCTION & DEMOLITION						
Existing Building Demolition						
In-Bldg Hazardous Material Abatement						
Asbestos Cont'g Floor Mat'l Abatement						
Other Hazardous Material Abatement						
BUILDING SITE WORK						
Subtotal Construction Trades	\$754,000		\$950,000		\$304,245	
Other Construction Costs		% construction trades		% construction trades		% construction trades
Insurance					\$2,990	0.98%
Sub-Contractor Bonds					\$4,322	1.42%
Contingencies (Design and Pricing)					\$15,212	5.00%
General Conditions					\$31,946	10.50%
Overhead & Profit					\$8,785	2.89%
Escalation to Mid-Point of Construction						
Subtotal Other Construction Costs	\$0		\$0		\$63,255	
Alternates					\$32,550	
Subtotal Construction Costs	\$754,000		\$950,000		\$400,050	
Construction Contingency	\$0	0.00%	\$0	0.00%	\$9,900	2.47%
Total Construction Costs	\$754,000		\$950,000		\$409,950	
Miscellaneous Project Costs						
Subtotal Misc Project Costs	\$0		\$0		\$1,600	
Subtotal Total Project Budget	\$867,895		\$1,146,020		\$473,650	
Owner's Contingency	\$12,105	1.38%	\$41,480	3.49%	\$8,900	1.84%
Total Project Budget	\$880,000		\$1,187,500		\$482,550	

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DISTRICT	Braintree		Braintree		Braintree	
SCHOOL	East MS (Green Repair)		Highland ES (Green Repair)		Hollis ES (Green Repair)	
TOTAL BUILDING SF	106,761		42,806		53,698	
SCOPE	Windows sf:	20,960	Windows sf:	1,735	Windows sf:	6,637
	Cost	% Sub Total Construction	Cost	% Sub Total Construction	Cost	% Sub Total Construction
Administration						
Total Administration	\$0		\$0		\$0	
Owner's Project Manager	RF Walsh Collaborative Partners		RF Walsh Collaborative Partners		RF Walsh Collaborative Partners	
Feasibility Study/ Schematic Design	\$3,000	0.18%	\$3,000	2.53%	\$3,000	0.69%
Design Development						
Construction Contract Documents	\$6,000	0.37%	\$6,000	5.07%	\$6,000	1.39%
Bidding	\$1,000	0.06%	\$1,200	1.01%	\$2,000	0.46%
Construction Contract Administration	\$35,000	2.13%	\$11,200	9.46%	\$26,000	6.01%
Closeout	\$1,000	0.06%	\$1,200	1.01%	\$2,000	0.46%
Reimbursable Services						
Other Project Manager Costs						
Total OPM Fee	\$46,000	2.80%	\$22,600	19.09%	\$39,000	9.02%
Architecture and Engineering	Habeb & Associates		Habeb & Associates		Habeb & Associates	
Basic Services						
Feasibility Study						
Schematic Design	\$8,000	0.49%	\$8,000	6.76%	\$8,000	1.85%
Design Development						
Construction Contract Documents	\$95,800	5.83%	\$8,000	6.76%	\$23,600	5.46%
Bidding	\$3,000	0.18%	\$1,100	0.93%	\$2,000	0.46%
Construction Contract Administration	\$15,000	0.91%	\$4,500	3.80%	\$10,000	2.31%
Closeout	\$3,000	0.18%	\$1,100	0.93%	\$1,800	0.42%
Other Basic Services						
Subtotal A/E Basic Services	\$124,800	7.60%	\$22,700	19.17%	\$45,400	10.50%
Extra and Reimbursable Services						
Construction testing						
Printing	\$800		\$500		\$500	
Hazardous Material	\$5,600		\$2,800		\$2,800	
Geotechnical						
Other						
Subtotal A/E Extra Services	\$6,400		\$3,300		\$3,300	
Total A/E Fee	\$131,200	7.99%	\$26,000	21.96%	\$48,700	11.26%
Construction						
Construction Trades						
SHELL						
Superstructure						
Exterior Closure	\$1,098,500		\$96,282		\$351,663	
Roofing						
INTERIORS						
Interior Construction						
Staircases						
Interior Finishes						
SERVICES						
Plumbing						
HVAC						
Fire Protection						
Electrical						
SPECIAL CONSTRUCTION & DEMOLITION						
Existing Building Demolition						
In-Bldg Hazardous Material Abatement						
Asbestos Cont'g Floor Mat'l Abatement						
Other Hazardous Material Abatement						
BUILDING SITE WORK						
Subtotal Construction Trades	\$1,098,500		\$96,282		\$351,663	
Other Construction Costs		% construction trades		% construction trades		% construction trades
Insurance	\$11,083	1.01%	\$963	1.00%	\$3,518	1.00%
Sub-Contractor Bonds	\$16,024	1.46%	\$1,393	1.45%	\$5,087	1.45%
Contingencies (Design and Pricing)	\$54,925	5.00%	\$4,814	5.00%	\$17,583	5.00%
General Conditions	\$149,300	13.59%	\$12,132	12.60%	\$44,310	12.60%
Overhead & Profit	\$32,568	2.96%	\$2,831	2.94%	\$10,339	2.94%
Escalation to Mid-Point of Construction						
Subtotal Other Construction Costs	\$263,900		\$22,133		\$80,837	
Alternates	\$279,760					
Subtotal Construction Costs	\$1,642,160		\$118,415		\$432,500	
Construction Contingency	\$40,872	2.49%	\$11,841	10.00%	\$43,250	10.00%
Total Construction Costs	\$1,683,032		\$130,256		\$475,750	
Miscellaneous Project Costs						
Subtotal Misc Project Costs	\$5,000		\$0		\$8,000	
Subtotal Total Project Budget	\$1,865,232		\$178,856		\$571,450	
Owner's Contingency	\$14,528	0.77%	\$21,144	10.57%	\$88,550	13.42%
Total Project Budget	\$1,879,760		\$200,000		\$660,000	

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DISTRICT	Braintree		Duxbury		Fitchburg	
SCHOOL	Morrison ES (Green Repair)		Chandler ES		Goodrich School (Green Repair)	
TOTAL BUILDING SF	52,000		210,000		14,400	
SCOPE	Windows sf:	3,514	Roof sf:	76,000	Boiler	
	Cost	% Sub Total Construction	Cost	% Sub Total Construction	Cost	% Sub Total Construction
Administration						
Total Administration	\$0		\$0		\$2,000	
Owner's Project Manager						
	RF Walsh Collaborative Partners		NA		Compass Project Management	
Feasibility Study/ Schematic Design	\$3,000	1.25%				
Design Development						
Construction Contract Documents	\$6,000	2.50%			\$3,183	0.90%
Bidding	\$1,600	0.67%				
Construction Contract Administration	\$21,000	8.76%			\$6,442	1.83%
Closeout	\$1,600	0.67%			\$800	0.23%
Reimbursable Services					\$150	0.04%
Other Project Manager Costs						
Total OPM Fee	\$33,200	13.84%	\$0	0.00%	\$10,575	3.00%
Architecture and Engineering						
	Habeb & Associates		Gale Associates		BLW Engineers	
Basic Services						
Feasibility Study			\$15,966	1.29%		
Schematic Design	\$8,000	3.34%	inc in FS			
Design Development			\$22,210	1.80%		
Construction Contract Documents	\$12,100	5.05%	inc in DD		\$16,000	4.54%
Bidding	\$2,000	0.83%	inc in DD		\$600	0.17%
Construction Contract Administration	\$10,000	4.17%	\$53,201	4.31%	\$6,000	1.70%
Closeout	\$2,000	0.83%				
Other Basic Services						
Subtotal A/E Basic Services	\$34,100	14.22%	\$91,377	7.41%	\$22,600	6.42%
Extra and Reimbursable Services						
Construction testing					\$500	
Printing	\$500				\$1,500	
Hazardous Material	\$2,800				\$3,600	
Geotechnical					\$5,000	
Other					\$175	
Subtotal A/E Extra Services	\$3,300		\$0		\$10,775	
Total A/E Fee	\$37,400	15.59%	\$91,377	7.41%	\$33,375	9.48%
Construction						
Construction Trades						
SHELL						
Superstructure						
Exterior Closure	\$198,551		\$1,233,120			
Roofing						
INTERIORS						
Interior Construction						
Staircases						
Interior Finishes						
SERVICES						
Plumbing					\$29,500	
HVAC					\$165,500	
Fire Protection						
Electrical					\$10,250	
SPECIAL CONSTRUCTION & DEMOLITION						
Existing Building Demolition					\$16,000	
In-Bldg Hazardous Material Abatement					\$15,000	
Asbestos Cont'g Floor Mat'l Abatement						
Other Hazardous Material Abatement					\$15,000	
BUILDING SITE WORK					\$15,000	
Subtotal Construction Trades	\$198,551		\$1,233,120		\$266,250	
Other Construction Costs						
Insurance	\$1,951	0.98%				
Sub-Contractor Bonds	\$2,821	1.42%				
Contingencies (Design and Pricing)	\$9,928	5.00%			\$45,928	17.25%
General Conditions	\$20,848	10.50%				
Overhead & Profit	\$5,733	2.89%			\$39,938	15.00%
Escalation to Mid-Point of Construction					\$0	
Subtotal Other Construction Costs	\$41,281		\$0		\$85,866	
Alternates			\$74,880			
Subtotal Construction Costs	\$239,832		\$1,233,120		\$352,116	
Construction Contingency	\$23,983	10.00%	\$130,834	10.61%	\$24,648	7.00%
Total Construction Costs	\$263,815		\$1,438,834		\$376,764	
Miscellaneous Project Costs						
Subtotal Misc Project Costs	\$8,000		\$0		\$0	
Subtotal Total Project Budget	\$342,415		\$1,530,211		\$422,714	
Owner's Contingency	\$97,586	22.18%	\$0	0.00%	\$0	0.00%
Total Project Budget	\$440,001		\$1,530,211		\$422,714	

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DISTRICT	Fitchburg		Fitchburg		Fitchburg	
SCHOOL	Memorial IS (Green Repair)		Reingold ES (Green Repair)		South Street ES (Green Repair)	
TOTAL BUILDING SF	126,800		75,900		202,600	
SCOPE	Boiler		Boiler		Boiler	
	Cost	% Sub Total Construction	Cost	% Sub Total Construction	Cost	% Sub Total Construction
Administration						
Total Administration	\$4,000		\$1,000		\$1,000	
Owner's Project Manager	Compass Project Management		Compass Project Management		Compass Project Management	
Feasibility Study/ Schematic Design						
Design Development						
Construction Contract Documents	\$8,512	0.86%	\$5,200	0.87%	\$5,200	0.87%
Bidding						
Construction Contract Administration	\$17,821	1.80%	\$10,940	1.82%	\$10,940	1.83%
Closeout	\$2,242	0.23%	\$1,360	0.23%	\$1,360	0.23%
Reimbursable Services	\$350	0.04%	\$250	0.04%	\$250	0.04%
Other Project Manager Costs						
Total OPM Fee	\$28,925	2.93%	\$17,750	2.95%	\$17,750	2.97%
Architecture and Engineering	BLW Engineers		BLW Engineers		BLW Engineers	
Basic Services						
Feasibility Study						
Schematic Design	\$0					
Design Development						
Construction Contract Documents	\$49,000	4.96%	\$31,200	5.19%	\$31,200	5.22%
Bidding	\$1,400	0.14%	\$600	0.10%	\$600	0.10%
Construction Contract Administration	\$9,000	0.91%	\$7,600	1.27%	\$7,600	1.27%
Closeout						
Other Basic Services						
Subtotal A/E Basic Services	\$59,400	6.01%	\$39,400	6.56%	\$39,400	6.59%
Extra and Reimbursable Services						
Construction testing	\$500		\$500		\$500	
Printing	\$3,500		\$2,500		\$2,500	
Hazardous Material	\$9,000		\$6,000		\$6,000	
Geotechnical	\$15,000					
Other	\$500		\$400		\$400	
Subtotal A/E Extra Services	\$28,500		\$9,400		\$9,400	
Total A/E Fee	\$87,900	8.90%	\$48,800	8.12%	\$48,800	8.16%
Construction						
Construction Trades						
SHELL						
Superstructure						
Exterior Closure						
Roofing						
INTERIORS						
Interior Construction						
Staircases						
Interior Finishes						
SERVICES						
Plumbing	\$45,000		\$37,500		\$53,500	
HVAC	\$558,250		\$348,250		\$300,000	
Fire Protection						
Electrical	\$13,500		\$13,500		\$13,500	
SPECIAL CONSTRUCTION & DEMOLITION						
Existing Building Demolition	\$30,000		\$30,000		\$27,500	
In-Bldg Hazardous Material Abatement	\$40,000		\$25,000		\$25,000	
Asbestos Cont'g Floor Mat'l Abatement						
Other Hazardous Material Abatement	\$30,000				\$15,000	
BUILDING SITE WORK	\$30,000				\$17,500	
Subtotal Construction Trades	\$746,750		\$454,250		\$452,000	
Other Construction Costs		% construction trades		% construction trades		% construction trades
Insurance						
Sub-Contractor Bonds						
Contingencies (Design and Pricing)	\$128,814	17.25%	\$78,358	17.25%	\$77,970	17.25%
General Conditions						
Overhead & Profit	\$112,013	15.00%	\$68,138	15.00%	\$67,800	15.00%
Escalation to Mid-Point of Construction						
Subtotal Other Construction Costs	\$240,827		\$146,496		\$145,770	
Alternates						
Subtotal Construction Costs	\$987,577		\$600,746		\$597,770	
Construction Contingency	\$69,130	7.00%	\$30,037	5.00%	\$35,866	6.00%
Total Construction Costs	\$1,056,707		\$630,783		\$633,636	
Miscellaneous Project Costs						
Subtotal Misc Project Costs	\$0		\$0		\$0	
Subtotal Total Project Budget	\$1,177,532		\$698,333		\$701,186	
Owner's Contingency	\$0	0.00%	\$0	0.00%	\$0	0.00%
Total Project Budget	\$1,177,532		\$698,333		\$701,186	

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DISTRICT	Florida		Marshfield		Mount Greylock Regional	
SCHOOL	Abbot Memorial ES		Governor Winslow ES		Middle & High School Buildings	
TOTAL BUILDING SF	23,241		66,000		180,000	
SCOPE	Drainage Repair		HVAC & Window Repair		Building Heating System Repair	
	Cost	% Sub Total Construction	Cost	% Sub Total Construction	Cost	% Sub Total Construction
Administration						
Total Administration	\$1,263		\$15,100		\$7,800	
Owner's Project Manager						
	Vertex Construction Services			N/A		
Feasibility Study/ Schematic Design			\$27,180	1.45%	\$0	
Design Development			\$7,000	0.37%	\$0	
Construction Contract Documents			\$7,600	0.41%	\$0	
Bidding			\$1,820	0.10%	\$0	
Construction Contract Administration			\$45,000	2.41%	\$0	
Closeout			\$5,000	0.27%	\$0	
Reimbursable Services					\$0	
Other Project Manager Costs					\$0	
Total OPM Fee	\$0	0.00%	\$93,600	5.01%	\$0	0.00%
Architecture and Engineering						
	Knight, Bagge & Anderson			Hesnor Engineering / Barry Architects		
Basic Services						
Feasibility Study	\$28,893	5.26%	\$18,000	0.96%	\$17,016	1.94%
Schematic Design		0.00%	\$12,000	0.64%	\$8,500	0.97%
Design Development	\$1,100	0.20%	\$54,000	2.89%	\$0	0.00%
Construction Contract Documents	\$22,475	4.09%	\$99,000	5.30%	\$34,500	3.93%
Bidding	\$2,850	0.52%	\$15,000	0.80%	\$4,500	0.51%
Construction Contract Administration	\$15,450	2.81%	\$40,000	2.14%	\$6,000	0.68%
Closeout		0.00%	\$8,000	0.43%	\$2,050	0.23%
Other Basic Services	\$0	0.00%	\$0		\$0	0.00%
Subtotal A/E Basic Services	\$70,768	12.88%	\$246,000	13.16%	\$72,566	8.27%
Extra and Reimbursable Services						
Construction testing						
Printing	\$263		\$5,000		\$500	
Hazardous Material						
Geotechnical						
Other			\$30,000			
Subtotal A/E Extra Services	\$263		\$35,000		\$500	
Total A/E Fee	\$71,031	12.93%	\$281,000	15.04%	\$73,066	8.33%
Construction						
Construction Trades						
SHELL						
Superstructure					\$0	
Exterior Closure			\$396,707		\$0	
Roofing					\$0	
INTERIORS						
Interior Construction						
Staircases					\$0	
Interior Finishes			\$9,000		\$0	
SERVICES						
Plumbing					\$2,500	
HVAC			\$999,446		\$474,985	
Fire Protection						
Electrical			\$49,950		\$164,271	
SPECIAL CONSTRUCTION & DEMOLITION						
Existing Building Demolition			\$27,180			
In-Bldg Hazardous Material Abatement			\$71,720		\$9,500	
Asbestos Cont'g Floor Mat'l Abatement						
Other Hazardous Material Abatement						
BUILDING SITE WORK	\$495,339					
Subtotal Construction Trades	\$495,339		\$1,554,003		\$651,256	
Other Construction Costs		% construction trades		% construction trades		% construction trades
Insurance	\$9,158	1.85%	\$19,425	1.25%	\$1,863	0.29%
Sub-Contractor Bonds			\$15,540	1.00%	\$2,540	0.39%
Contingencies (Design and Pricing)	\$0				\$114,227	17.54%
General Conditions	\$21,378	4.32%	\$155,400	10.00%		
Overhead & Profit	\$23,588	4.76%	\$77,700	5.00%	\$97,688	15.00%
Escalation to Mid-Point of Construction			\$46,620	3.00%	\$9,769	1.50%
Subtotal Other Construction Costs	\$54,124		\$314,685		\$226,087	
Alternates						
Subtotal Construction Costs	\$549,463		\$1,868,688		\$877,343	
Construction Contingency	\$25,000	4.55%	\$0	0.00%	\$87,734	10.00%
Total Construction Costs	\$574,463		\$1,868,688		\$965,077	
Miscellaneous Project Costs						
Subtotal Misc Project Costs	\$0		\$0		\$0	
Subtotal Total Project Budget	\$646,757		\$2,258,388		\$1,045,943	
Owner's Contingency	\$25,000	3.72%	\$141,612	5.90%	\$4,043	0.39%
Total Project Budget	\$671,757		\$2,400,000		\$1,049,986	

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DISTRICT	North Attleboro		Quabbin		Randolph	
SCHOOL	Martin ES		Quabbin Regional MS/HS		Young ES	
TOTAL BUILDING SF	79,886		124,425		53,000	
SCOPE	Roof	79,886	Atrium & Bldg Envelope Modifications		Roof sf:	53,000
	Cost	% Sub Total Construction	Cost	% Sub Total Construction	Cost	% Sub Total Construction
Administration						
Total Administration	\$0		\$0		\$0	
Owner's Project Manager						
	N/A		Vertex Construction Services		N/A	
Feasibility Study/ Schematic Design			\$15,000	0.48%		
Design Development						
Construction Contract Documents			\$10,000	0.32%		
Bidding			\$8,000	0.26%		
Construction Contract Administration			\$90,000	2.90%		
Closeout			\$10,000	0.32%		
Reimbursable Services						
Other Project Manager Costs						
Total OPM Fee	\$0	0.00%	\$133,000	4.29%	\$0	0.00%
Architecture and Engineering						
Basic Services						
Feasibility Study	\$12,170				\$17,100	
Schematic Design			\$60,200	1.94%		
Design Development						
Construction Contract Documents	\$30,910		\$137,600	4.44%	\$28,500	
Bidding			\$25,800	0.83%		
Construction Contract Administration	\$17,920		\$86,000	2.77%	\$11,400	
Closeout			\$34,400	1.11%		
Other Basic Services						
Subtotal A/E Basic Services	\$61,000	8.88%	\$344,000	11.09%	\$57,000	11.61%
Extra and Reimbursable Services						
Construction testing						
Printing						
Hazardous Material						
Geotechnical						
Other	\$3,000				\$1,136	
Subtotal A/E Extra Services	\$3,000		\$0		\$1,136	
Total A/E Fee	\$64,000	9.31%	\$344,000	11.09%	\$58,136	11.84%
Construction						
Construction Trades						
SHELL						
Superstructure						
Exterior Closure	\$92,103		\$1,298,396		\$44,900	
Roofing	\$459,554		\$1,539,499		\$382,900	
INTERIORS						
Interior Construction						
Staircases						
Interior Finishes						
SERVICES						
Plumbing	\$19,600					
HVAC			\$141,450			
Fire Protection			\$77,050			
Electrical			\$45,770			
SPECIAL CONSTRUCTION & DEMOLITION						
Existing Building Demolition						
In-Bldg Hazardous Material Abatement						
Asbestos Cont'g Floor Mat'l Abatement						
Other Hazardous Material Abatement	\$1,500					
BUILDING SITE WORK						
Subtotal Construction Trades	\$572,757		\$3,102,165		\$427,800	
Other Construction Costs						
Insurance		incl.		% construction trades		% construction trades
Sub-Contractor Bonds	\$11,455					
Contingencies (Design and Pricing)	\$17,183	2.00%				
General Conditions	\$57,276	3.00%				
Overhead & Profit	\$28,638	10.00%			\$63,200	14.77%
Escalation to Mid-Point of Construction		5.00%				
Subtotal Other Construction Costs	\$114,552		\$0		\$63,200	
Alternates						
Subtotal Construction Costs	\$687,309		\$3,102,165		\$491,000	
Construction Contingency	\$34,635	5.04%	\$248,173	8.00%	\$0	0.00%
Total Construction Costs	\$721,944		\$3,350,338		\$491,000	
Miscellaneous Project Costs						
Subtotal Misc Project Costs	\$0		\$0		\$0	
Subtotal Total Project Budget	\$785,944		\$3,827,338		\$549,136	
Owner's Contingency	\$0	0.00%	\$93,065	2.37%	\$0	0.00%
Total Project Budget	\$785,944		\$3,920,403		\$549,136	

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DISTRICT	Rockport		Scituate		South Shore RVTSD	
SCHOOL	Rockport ES		Wampatuck ES (Phase II)		South Shore RVTHS	
TOTAL BUILDING SF	65,300				125,000	
SCOPE	Roof sf:	53,675	Boiler, Electrical, HVAC & Plumbing		Roof sf:	87,389
		% Sub Total Construction		% Sub Total Construction	Window sf:	8,465
	Cost		Cost		Cost	% Sub Total Construction
Administration						
Total Administration	\$0		\$24,400		\$0	
Owner's Project Manager						
	N/A		Bargmann, Hendrie & Archtype		Lincoln Consultants	
Feasibility Study/ Schematic Design			\$13,500	0.80%	\$18,000	0.68%
Design Development					\$5,840	0.22%
Construction Contract Documents			\$48,000	2.86%	\$6,260	0.24%
Bidding			\$11,000	0.66%	\$8,340	0.32%
Construction Contract Administration			\$101,010	6.01%	\$66,480	2.52%
Closeout			\$1,500	0.09%	\$7,640	0.29%
Reimbursable Services			\$5,750	0.34%		
Other Project Manager Costs						
Total OPM Fee	\$0	0.00%	\$180,760	10.76%	\$112,560	4.26%
Architecture and Engineering						
	Russo Barr		Knight, Bagge & Anderson		Gale Associates	
Basic Services						
Feasibility Study					\$36,450	1.38%
Schematic Design	\$19,000	3.02%	\$39,700	2.36%	\$47,000	1.78%
Design Development						0.00%
Construction Contract Documents	\$25,000	3.97%	\$74,888	4.46%	\$4,900	0.19%
Bidding	\$3,000	0.48%	\$10,000	0.60%	\$37,600	1.42%
Construction Contract Administration	\$10,000	1.59%	\$55,866	3.33%		
Closeout		0.00%	\$6,166	0.37%		
Other Basic Services						
Subtotal A/E Basic Services	\$57,000	9.06%	\$186,620	11.11%	\$125,950	4.77%
Extra and Reimbursable Services						
Construction testing			\$5,000			
Printing	\$1,500		\$3,000		\$7,920	
Hazardous Material			\$5,000			
Geotechnical						
Other			\$1,000		\$26,900	
Subtotal A/E Extra Services	\$1,500		\$14,000		\$34,820	
Total A/E Fee	\$58,500	9.30%	\$200,620	11.95%	\$160,770	6.08%
Construction						
Construction Trades						
SHELL					\$141,750	
Superstructure					\$723,000	
Exterior Closure			\$104,436			
Roofing	\$629,000		\$4,100		\$1,118,000	
INTERIORS						
Interior Construction					\$3,000	
Staircases			\$2,250			
Interior Finishes			\$45,800			
SERVICES						
Plumbing			\$51,450		\$7,800	
HVAC			\$776,670		\$56,240	
Fire Protection						
Electrical			\$286,893		\$18,680	
SPECIAL CONSTRUCTION & DEMOLITION						
Existing Building Demolition					\$52,475	
In-Bldg Hazardous Material Abatement			\$29,786		\$46,525	
Asbestos Cont'g Floor Mat'l Abatement			\$15,168			
Other Hazardous Material Abatement			\$500			
BUILDING SITE WORK						
Subtotal Construction Trades	\$629,000		\$1,317,053		\$2,167,470	
Other Construction Costs						
Insurance		% construction trades	\$9,849	0.75%		% construction trades
Sub-Contractor Bonds			\$43,085	3.27%	\$21,700	1.00%
Contingencies (Design and Pricing)			\$145,150	11.02%		
General Conditions			\$90,498	6.87%	\$108,400	5.00%
Overhead & Profit			\$60,276	4.58%	\$344,800	15.91%
Escalation to Mid-Point of Construction			\$13,395	1.02%		
Subtotal Other Construction Costs	\$0		\$362,253		\$474,900	
Alternates						
					\$111,063	
Subtotal Construction Costs	\$629,000		\$1,679,306		\$2,642,370	
Construction Contingency	\$0	0.00%	\$83,516	4.97%	\$264,300	10.00%
Total Construction Costs	\$629,000		\$1,762,822		\$3,017,733	
Miscellaneous Project Costs						
Subtotal Misc Project Costs	\$0		\$2,000		\$0	
Subtotal Total Project Budget	\$687,500		\$2,170,602		\$3,291,063	
Owner's Contingency	\$0	0.00%	\$309,798	12.49%	\$79,271	2.35%
Total Project Budget	\$687,500		\$2,480,400		\$3,370,334	

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DISTRICT	Tri-County RVTSD		Wakefield		Winchendon	
SCHOOL	Tri-County RVTHS (Green Repair)		Wakefield Memorial HS		Toy Town ES (Green Repair)	
TOTAL BUILDING SF	285,000		229,340		116,000	
SCOPE	Boilers and Chillers		Renovation		Boiler	
	Cost	% Sub Total Construction	Cost	% Sub Total Construction	Cost	% Sub Total Construction
Administration						
Total Administration	\$0		\$0		\$7,500	
Owner's Project Manager						
	Knight, Bagge & Anderson			NETCO		
Feasibility Study/ Schematic Design	\$1,950	0.34%				
Design Development	\$5,000	0.86%				
Construction Contract Documents	\$1,200	0.21%			\$5,000	1.33%
Bidding	\$19,350	3.34%			\$2,500	0.66%
Construction Contract Administration	\$500	0.09%			\$30,000	7.95%
Closeout	\$0	0.00%			\$5,000	1.33%
Reimbursable Services	\$0	0.00%				
Other Project Manager Costs	\$0	0.00%			\$6,000	1.59%
Total OPM Fee	\$28,000	4.84%	\$0	0.00%	\$48,500	12.86%
Architecture and Engineering						
	RDK Engineers			Hesnor Engineering		
Basic Services						
Feasibility Study	\$0	0.00%	\$27,354			
Schematic Design	\$10,000	1.73%				
Design Development	\$0	0.00%				
Construction Contract Documents	\$18,000	3.11%			\$40,000	10.60%
Bidding	\$1,000	0.17%	\$64,156		\$2,500	0.66%
Construction Contract Administration	\$10,500	1.81%			\$5,000	1.33%
Closeout	\$500	0.09%			\$2,500	0.66%
Other Basic Services	\$0	0.00%			\$5,250	1.39%
Subtotal A/E Basic Services	\$40,000	6.91%	\$91,510	12.66%	\$55,250	14.65%
Extra and Reimbursable Services						
Construction testing	\$3,000					
Printing	\$5,000				\$3,500	
Hazardous Material	\$5,000		\$1,100			
Geotechnical						
Other						
Subtotal A/E Extra Services	\$13,000		\$1,100		\$3,500	
Total A/E Fee	\$53,000	9.16%	\$92,610	12.81%	\$58,750	15.57%
Construction						
Construction Trades						
SHELL						
Superstructure	\$0					
Exterior Closure	\$2,500					
Roofing	\$2,000					
INTERIORS						
Interior Construction	\$2,500		\$536,149			
Staircases						
Interior Finishes						
SERVICES						
Plumbing	\$62,600				\$20,000	
HVAC	\$344,752				\$329,750	
Fire Protection			\$100,091		\$20,000	
Electrical	\$39,090		\$85,200			
SPECIAL CONSTRUCTION & DEMOLITION						
Existing Building Demolition	\$23,475					
In-Bldg Hazardous Material Abatement					\$5,000	
Asbestos Cont'g Floor Mat'l Abatement			\$1,260			
Other Hazardous Material Abatement						
BUILDING SITE WORK						
Subtotal Construction Trades	\$476,917		\$722,700		\$374,750	
Other Construction Costs		% construction trades		% construction trades		% construction trades
Insurance	\$7,000	1.47%				
Sub-Contractor Bonds	\$17,000	3.56%				
Contingencies (Design and Pricing)	\$77,641	16.28%			\$2,500	0.67%
General Conditions						
Overhead & Profit						
Escalation to Mid-Point of Construction						
Subtotal Other Construction Costs	\$101,641		\$0		\$2,500	
Alternates						
Subtotal Construction Costs	\$578,558		\$722,700		\$377,250	
Construction Contingency	\$20,000	3.46%	\$0	0.00%	\$50,000	13.25%
Total Construction Costs	\$598,558		\$722,700		\$427,250	
Miscellaneous Project Costs						
Subtotal Misc Project Costs	\$0		\$0		\$3,000	
Subtotal Total Project Budget	\$679,558		\$815,310		\$545,000	
Owner's Contingency	\$2,000	0.29%	\$0	0.00%	\$25,000	4.39%
Total Project Budget	\$681,558		\$815,310		\$570,000	