

Berlin Central School District - Preliminary Budget for Single Phase Project

CONSTRUCTION COST SUMMARY - RENOVATIONS, ADDITIONS AND ALTERATIONS - BERLIN ES & HIGH SCHOOL ONLY, NO BUS GARAGE

20-Oct-2009

	Construction Total	Escalation - Phase 1	Escalation - Phase 2	Contingencies	Incidentals	Total - Phase 1	Total - Phase 2	Total Costs
Berlin Junior / Senior High School	\$ 2,121,950	\$ 339,512	\$ -	\$ 246,146	\$ 688,400	\$ 3,396,008	\$ -	\$ 3,396,008
Berlin ES	\$ 9,731,200	\$ 1,556,992	\$ -	\$ 1,128,819	\$ 3,156,981	\$ 15,573,992	\$ -	\$ 15,573,992
Bus Garage	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal	\$ 11,853,150	\$ 1,896,504	\$ -	\$ 1,374,965	\$ 3,845,381	\$ 18,970,000	\$ -	\$ 18,970,000

NEW CONSTRUCTION			
Building	Phase 1	Phase 2	Total
Berlin Junior / Senior High School	\$ -	\$ -	\$ -
Berlin ES	\$ 3,495,314	\$ -	\$ 3,495,314
Bus Garage	\$ -	\$ -	\$ -
SUB-TOTAL	\$ 3,495,314	\$ -	\$ 3,495,314

RENOVATIONS			
Building	Phase 1	Phase 2	Total
Berlin Junior / Senior High School	\$ 3,396,008	\$ -	\$ 3,396,008
Berlin ES	\$ 10,641,503	\$ -	\$ 10,641,503
Bus Garage	\$ -	\$ -	\$ -
SUB-TOTAL	\$ 14,037,511	\$ -	\$ 14,037,511

SITWORK			
Building	Phase 1	Phase 2	Total
Berlin Junior / Senior High School	\$ -	\$ -	\$ -
Berlin ES	\$ 1,437,176	\$ -	\$ 1,437,176
Bus Garage	\$ -	\$ -	\$ -
SUB-TOTAL	\$ 1,437,176	\$ -	\$ 1,437,176

TOTAL	\$ 18,970,000	\$ -	\$ 18,970,000
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DASNY FEES (as per Bernard Donegan)	\$ 735,000
	\$ 19,705,000

Incidental Costs include the following:	
A/E Fees and Reimburables (9%)	\$ 1,361,216
Construction Manager (5%)	\$ 756,231
Financing and Legal (1%)	\$ 151,246
Insurance (1%)	\$ 151,246
Surveys, Testing, Inspections (1.5%)	\$ 226,869
Administrative Costs (0.5%)	\$ 75,623
Furniture and Equipment (1.5%)	\$ 226,869
Incidental Allowance (0.5%)	\$ 75,623
Capitalized Interest (5%)	\$ 820,457
Total - Incidental Costs	\$ 3,845,381

**Berlin Central School District - Preliminary Budget
October 20, 2009**

Berlin Elementary School

1	Site Systems	Quantity	Unit	Unit Cost	Subtotal	Phase	Escalation Phase 1	Escalation Phase 2	Contingency	Incidentals	Total Cost	Total Phase 1	Total Phase 2
1.01	Provide paving & parking at east and north sides of site	50,000	SF	\$ 7	\$ 350,000	PH1	\$ 56,000	-	\$ 40,600	\$ 113,546	\$ 560,146	\$ 560,146	-
1.02	Improve site drainage	1	LS	\$ 60,000	\$ 60,000	PH1	\$ 9,600	-	\$ 6,960	\$ 19,465	\$ 96,025	\$ 96,025	-
1.03	Remove Modular Building	3,000	SF	\$ 6	\$ 18,000	PH1	\$ 2,880	-	\$ 2,088	\$ 5,840	\$ 28,808	\$ 28,808	-
1.04	Playground improvements	1	LS	\$ 100,000	\$ 100,000	PH1	\$ 16,000	-	\$ 11,600	\$ 32,442	\$ 160,042	\$ 160,042	-
1.05	Miscellaneous Site Work	1	LS	\$ 50,000	\$ 50,000	PH1	\$ 8,000	-	\$ 5,800	\$ 16,221	\$ 80,021	\$ 80,021	-
1.06	Reconfigure Bus Drop-off at Front	10,000	SF	\$ 21	\$ 210,000	PH1	\$ 33,600	-	\$ 24,360	\$ 68,128	\$ 336,088	\$ 336,088	-
1.07	Septic Modifications	1	LS	\$ 110,000	\$ 110,000	PH1	\$ 17,600	-	\$ 12,760	\$ 35,686	\$ 176,046	\$ 176,046	-
							-	-	-	-	-	-	-
	Subtotal Sitework				\$ 898,000		\$ 143,680	\$ -	\$ 104,168	\$ 291,328	\$ 1,437,176	\$ 1,437,176	\$ -

2	Exterior Building Envelope	Quantity	Unit	Unit Cost	Subtotal	Priority	Escalation Phase 1	Escalation Phase 2	Contingency	Incidentals	Total Cost	Total Phase 1	Total Phase 2
2.01	Replace single-pane windows and provide permanent step access to windows	5,500	SF	\$ 85	\$ 467,500	PH1	\$ 74,800	-	\$ 54,230	\$ 151,666	\$ 748,196	\$ 748,196	-
2.02	Replace exterior doors	5	EA	\$ 8,500	\$ 42,500	PH1	\$ 6,800	-	\$ 4,930	\$ 13,788	\$ 68,018	\$ 68,018	-
2.03	Provide accessible entry at main entrance	1	LS	\$ 90,000	\$ 90,000	PH1	\$ 14,400	-	\$ 10,440	\$ 29,198	\$ 144,038	\$ 144,038	-
2.04	Masonry restoration	1	LS	\$ 120,000	\$ 120,000	PH1	\$ 19,200	-	\$ 13,920	\$ 38,930	\$ 192,050	\$ 192,050	-
2.05	Re-caulk building joints	1	LS	\$ 10,000	\$ 10,000	PH1	\$ 1,600	-	\$ 1,160	\$ 3,244	\$ 16,004	\$ 16,004	-
2.06	Replace roofing (1960 Addition, Cafeteria)	6,000	SF	\$ 14	\$ 84,000	PH1	\$ 13,440	-	\$ 9,744	\$ 27,251	\$ 134,435	\$ 134,435	-
2.07	Re-coat / re-roof sprayed-on roofing system (High Roof 1936)	4,500	SF	\$ 14	\$ 63,000	PH1	\$ 10,080	-	\$ 7,308	\$ 20,438	\$ 100,826	\$ 100,826	-
2.08	Repair / Replace North entry portico	1	LS	\$ 40,000	\$ 40,000	PH1	\$ 6,400	-	\$ 4,640	\$ 12,977	\$ 64,017	\$ 64,017	-
2.09	Roof repairs at 1936 Building	1	LS	\$ 52,000	\$ 52,000	PH1	\$ 8,320	-	\$ 6,032	\$ 16,870	\$ 83,222	\$ 83,222	-
2.10	Improve storm drainage	1	LS	\$ 52,000	\$ 52,000	PH1	\$ 8,320	-	\$ 6,032	\$ 16,870	\$ 83,222	\$ 83,222	-
2.11	Reconstruct entry portico	1	LS	\$ 150,000	\$ 150,000	PH1	\$ 24,000	-	\$ 17,400	\$ 48,663	\$ 240,063	\$ 240,063	-
2.12							-	-	\$ -	\$ -	\$ -	\$ -	-
2.13					\$ -		-	-	\$ -	\$ -	\$ -	\$ -	-
	Subtotal Exterior Building Envelope				\$ 1,171,000		\$ 187,360	\$ -	\$ 135,836	\$ 379,894	\$ 1,874,090	\$ 1,874,090	\$ -

3	Building Interior	Quantity	Unit	Unit Cost	Subtotal	Priority	Escalation Phase 1	Escalation Phase 2	Contingency	Incidentals	Total Cost	Total Phase 1	Total Phase 2
3.01	ADA - Door hardware	60	EA	\$ 750	\$ 45,000	PH1	\$ 7,200	-	\$ 5,220	\$ 14,599	\$ 72,019	\$ 72,019	-
3.02	Elevator with associated construction	1	EA	\$ 190,000	\$ 190,000	PH1	\$ 30,400	-	\$ 22,040	\$ 61,640	\$ 304,080	\$ 304,080	-
3.03	Asbestos / Lead Abatement (Previous Estimate)	1	LS	\$ 390,000	\$ 390,000	PH1	\$ 62,400	-	\$ 45,240	\$ 126,523	\$ 624,163	\$ 624,163	-
3.04	VAT removal / Replace with VCT	10,000	SF	\$ 11	\$ 110,000	PH1	\$ 17,600	-	\$ 12,760	\$ 35,686	\$ 176,046	\$ 176,046	-
3.05	Replace corridor lockers	260	EA	\$ 270	\$ 70,200	PH1	\$ 11,232	-	\$ 8,143	\$ 22,774	\$ 112,349	\$ 112,349	-
3.06	Replace ceilings in Classrooms	20,500	SF	\$ 8	\$ 164,000	PH1	\$ 26,240	-	\$ 19,024	\$ 53,205	\$ 262,469	\$ 262,469	-
3.07	Replace gymnasium floor	3,500	SF	\$ 27	\$ 94,500	PH1	\$ 15,120	-	\$ 10,962	\$ 30,658	\$ 151,240	\$ 151,240	-
3.08	Provide roll-up divider curtain at Gymnasium	1	LS	\$ 10,000	\$ 10,000	PH1	\$ 1,600	-	\$ 1,160	\$ 3,244	\$ 16,004	\$ 16,004	-
3.09	Remove carpet tile, provide VCT	10,000	SF	\$ 5	\$ 50,000	PH1	\$ 8,000	-	\$ 5,800	\$ 16,221	\$ 80,021	\$ 80,021	-
3.10	Refurbish wood parquet floors	13,000	SF	\$ 10	\$ 130,000	PH1	\$ 20,800	-	\$ 15,080	\$ 42,174	\$ 208,054	\$ 208,054	-
3.11	Wall pads at Gymnasium	110	LF	\$ 75	\$ 8,250	PH1	\$ 1,320	-	\$ 957	\$ 2,676	\$ 13,203	\$ 13,203	-
3.12	Replace ceilings in Corridors	6,000	SF	\$ 9	\$ 54,000	PH1	\$ 8,640	-	\$ 6,264	\$ 17,519	\$ 86,423	\$ 86,423	-
3.13	Replace partition at Main Electrical Room	200	SF	\$ 45	\$ 9,000	PH1	\$ 1,440	-	\$ 1,044	\$ 2,920	\$ 14,404	\$ 14,404	-
3.14	Renovate Toilet Rooms	400	SF	\$ 170	\$ 68,000	PH1	\$ 10,880	-	\$ 7,888	\$ 22,060	\$ 108,828	\$ 108,828	-
3.15	GC Work associated with mechanical systems	42,000	SF	\$ 5	\$ 210,000	PH1	\$ 33,600	-	\$ 24,360	\$ 68,128	\$ 336,088	\$ 336,088	-
3.16	Refurbish / replace classroom casework	200	LF	\$ 320	\$ 64,000	PH1	\$ 10,240	-	\$ 7,424	\$ 20,763	\$ 102,427	\$ 102,427	-
3.17							-	-	\$ -	\$ -	\$ -	\$ -	-
3.18							-	-	\$ -	\$ -	\$ -	\$ -	-
3.19					\$ -		-	-	\$ -	\$ -	\$ -	\$ -	-
	Subtotal Interiors				\$ 1,666,950		\$ 266,712	\$ -	\$ 193,366	\$ 540,789	\$ 2,667,818	\$ 2,667,818	\$ -

**Berlin Central School District - Preliminary Budget
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4	Additions & Alterations	Quantity	Unit	Unit Cost	Subtotal	Priority	Escalation Phase 1	Escalation Phase 2	Contingency	Incidentals	Total Cost	Total Phase 1	Total Phase 2
4.01	Classroom Addition (6 Classrooms & Toilet Rooms)	8,400	SF	\$ 260	\$ 2,184,000	PH1	\$ 349,440	-	\$ 253,344	\$ 708,530	\$ 3,495,314	\$ 3,495,314	-
4.02	Renovate Principal's office and Special Ed Classroom	1,320	SF	\$ 150	\$ 198,000	PH1	\$ 31,680	-	\$ 22,968	\$ 64,235	\$ 316,883	\$ 316,883	-
4.03	Renovate Main Office / Health Office	600	SF	\$ 150	\$ 90,000	PH1	\$ 14,400	-	\$ 10,440	\$ 29,198	\$ 144,038	\$ 144,038	-
4.04	Renovation of spaces at elevator	1,400	SF	\$ 150	\$ 210,000	PH1	\$ 33,600	-	\$ 24,360	\$ 68,128	\$ 336,088	\$ 336,088	-
4.05	Renovate Existing Art Room into Music Suite	1,280	SF	\$ 180	\$ 230,400	PH1	\$ 36,864	-	\$ 26,726	\$ 74,746	\$ 368,736	\$ 368,736	-
4.06	Kitchen/Serving Line Modifications	1	LS	\$ 190,000	\$ 190,000	PH1	\$ 30,400	-	\$ 22,040	\$ 61,640	\$ 304,080	\$ 304,080	-
4.07	Expand Cafeteria	865	SF	\$ 150	\$ 129,750	PH1	\$ 20,760	-	\$ 15,051	\$ 42,093	\$ 207,654	\$ 207,654	-
4.08	Minor Renovations	14,000	SF	\$ 25	\$ 350,000	PH1	\$ 56,000	-	\$ 40,600	\$ 113,546	\$ 560,146	\$ 560,146	-
4.09	Art Room Renovation	1,000	SF	\$ 160	\$ 160,000	PH1	\$ 25,600	-	\$ 18,560	\$ 51,907	\$ 256,067	\$ 256,067	-
4.10	Relocate OP/TP	650	SF	\$ 160	\$ 104,000	PH1	\$ 16,640	-	\$ 12,064	\$ 33,740	\$ 166,444	\$ 166,444	-
4.11					\$ -		\$ -		\$ -	\$ -	\$ -	\$ -	-
	Subtotal Additions and Alterations				\$ 3,846,150		\$ 615,384	\$ -	\$ 446,153	\$ 1,247,762	\$ 6,155,450	\$ 6,155,450	\$ -
5	Mechanical System	Quantity	Unit	Unit Cost	Subtotal	Priority	Escalation Phase 1	Escalation Phase 2	Contingency	Incidentals	Total Cost	Total Phase 1	Total Phase 2
5.01	Replace non-functioning ventilation system in 1936 Building	31,000	SF	\$ 11	\$ 341,000	PH1	\$ 54,560	-	\$ 39,556	\$ 110,627	\$ 545,743	\$ 545,743	-
5.02	Replace steam system with hot water throughout building.	42,000	SF	\$ 11	\$ 462,000	PH1	\$ 73,920	-	\$ 53,592	\$ 149,881	\$ 739,393	\$ 739,393	-
5.03	Replace exhaust systems at toilet rooms & clean ductwork	6	EA	\$ 5,000	\$ 30,000	PH1	\$ 4,800	-	\$ 3,480	\$ 9,733	\$ 48,013	\$ 48,013	-
5.04	Provide unit ventilators in 1950 addition- Provide relief fans on	2	EA	\$ 11,000	\$ 22,000	PH1	\$ 3,520	-	\$ 2,552	\$ 7,137	\$ 35,209	\$ 35,209	-
5.05	Replace unit ventilators at Cafeteria- Provide relief fans on roof.	4	EA	\$ 8,000	\$ 32,000	PH1	\$ 5,120	-	\$ 3,712	\$ 10,381	\$ 51,213	\$ 51,213	-
5.06	Provide ventilation in corridors. UV's in ceiling.	6	EA	\$ 15,000	\$ 90,000	PH1	\$ 14,400	-	\$ 10,440	\$ 29,198	\$ 144,038	\$ 144,038	-
5.07	Provide second boiler for 100% back-up capacity	1	EA	\$ 210,000	\$ 210,000	PH1	\$ 33,600	-	\$ 24,360	\$ 68,128	\$ 336,088	\$ 336,088	-
5.08	Provide DDC control system with pneumatic actuation	43,000	SF	\$ 4	\$ 172,000	PH1	\$ 27,520	-	\$ 19,952	\$ 55,800	\$ 275,272	\$ 275,272	-
5.09	Provide unit ventilator in art room- Provide relief fan on roof.	1	LS	\$ 8,000	\$ 8,000	PH1	\$ 1,280	-	\$ 928	\$ 2,595	\$ 12,803	\$ 12,803	-
5.10	Replace perimeter heating units recessed in wall.	55	EA	\$ 1,000	\$ 55,000	PH1	\$ 8,800	-	\$ 6,380	\$ 17,843	\$ 88,023	\$ 88,023	-
5.11					\$ -		\$ -		\$ -	\$ -	\$ -	\$ -	-
5.12					\$ -		\$ -		\$ -	\$ -	\$ -	\$ -	-
5.13					\$ -		\$ -		\$ -	\$ -	\$ -	\$ -	-
	Subtotal Mechanical				\$ 1,422,000		\$ 227,520	\$ -	\$ 164,952	\$ 461,323	\$ 2,275,795	\$ 2,275,795	\$ -

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6	Electrical System	Quantity	Unit	Unit Cost	Subtotal	Priority	Escalation Phase 1	Escalation Phase 2	Contingency	Incidentals	Total Cost	Total Phase 1	Total Phase 2
6.01	Replace original 1936 cloth wiring and distribution panels.	45,200	SF	\$ 5	\$ 226,000	PH1	\$ 36,160	-	\$ 26,216	\$ 73,319	\$ 361,695	\$ 361,695	-
6.02	Replace single phase electric service with 3-phase service-Interior	1	LS	\$ 110,000	\$ 110,000	PH1	\$ 17,600	-	\$ 12,760	\$ 35,686	\$ 176,046	\$ 176,046	-
6.03	Provide smoke detectors in storage rooms	8	EA	\$ 600	\$ 4,800	PH1	\$ 768	-	\$ 557	\$ 1,557	\$ 7,682	\$ 7,682	-
6.04	Provide new 3 phase service to building - Exterior	1	LS	\$ 64,000	\$ 64,000	PH1	\$ 10,240	-	\$ 7,424	\$ 20,763	\$ 102,427	\$ 102,427	-
6.05	Extend power for 1950 Addition UV's	2	EA	\$ 3,000	\$ 6,000	PH1	\$ 960	-	\$ 696	\$ 1,947	\$ 9,603	\$ 9,603	-
6.06	Extend power for Art room UV's	1	EA	\$ 3,000	\$ 3,000	PH1	\$ 480	-	\$ 348	\$ 973	\$ 4,801	\$ 4,801	-
6.07	Extend power for Corridor UV's	6	EA	\$ 3,000	\$ 18,000	PH1	\$ 2,880	-	\$ 2,088	\$ 5,840	\$ 28,808	\$ 28,808	-
6.08	Provide lightning protection on clock tower.	1	LS	\$ 20,000	\$ 20,000	PH1	\$ 3,200	-	\$ 2,320	\$ 6,488	\$ 32,008	\$ 32,008	-
6.09	Provide roof ice melting system for front of building.	1	LS	\$ 40,000	\$ 40,000	PH1	\$ 6,400	-	\$ 4,640	\$ 12,977	\$ 64,017	\$ 64,017	-
6.10	Emergency Lighting	1	LS	\$ 11,000	\$ 11,000	PH1	\$ 1,760	-	\$ 1,276	\$ 3,569	\$ 17,605	\$ 17,605	-
6.11	Replace unit ventilators at Cafeteria- Provide relief fans on roof.	4	EA	\$ 3,200	\$ 12,800	PH1	\$ 2,048	-	\$ 1,485	\$ 4,153	\$ 20,485	\$ 20,485	-
	Subtotal Electrical				\$ 515,600		\$ 82,496	\$ -	\$ 59,810	\$ 167,270	\$ 825,176	\$ 825,176	\$ -

7	Plumbing System	Quantity	Unit	Unit Cost	Subtotal	Priority	Escalation Phase 1	Escalation Phase 2	Contingency	Incidentals	Total Cost	Total Phase 1	Total Phase 2
7.01	Replace original 1936 domestic water piping	32,000	SF	\$ 4	\$ 128,000	PH1	\$ 20,480	-	\$ 14,848	\$ 41,526	\$ 204,854	\$ 204,854	-
7.02	Provide hot water recirculation pump and associated piping	1	LS	\$ 26,000	\$ 26,000	PH1	\$ 4,160	-	\$ 3,016	\$ 8,435	\$ 41,611	\$ 41,611	-
7.03	Replace damaged exterior hose bibs	4	EA	\$ 500	\$ 2,000	PH1	\$ 320	-	\$ 232	\$ 649	\$ 3,201	\$ 3,201	-
7.04	Replace flush valves in poor condition	1	LS	\$ 6,400	\$ 6,400	PH1	\$ 1,024	-	\$ 742	\$ 2,076	\$ 10,243	\$ 10,243	-
7.05	Replace lavatory stops in poor condition	1	LS	\$ 1,100	\$ 1,100	PH1	\$ 176	-	\$ 128	\$ 357	\$ 1,760	\$ 1,760	-
7.06	Replace 1936 sanitary piping	1	LS	\$ 48,000	\$ 48,000	PH1	\$ 7,680	-	\$ 5,568	\$ 15,572	\$ 76,820	\$ 76,820	-
7.07							-	-	\$ -	\$ -	\$ -	\$ -	-
7.08							-	-	\$ -	\$ -	\$ -	\$ -	-
7.09					\$ -		-	-	\$ -	\$ -	\$ -	\$ -	-
7.10					\$ -		-	-	\$ -	\$ -	\$ -	\$ -	-
	Subtotal Plumbing				\$ 211,500		\$ 33,840	\$ -	\$ 24,534	\$ 68,615	\$ 338,489	\$ 338,489	\$ -

					Subtotal		Escalation Phase 1	Escalation Phase 2	Contingency	Incidentals	Total Cost	Total Phase 1	Total Phase 2
	TOTAL				\$ 9,731,200		\$ 1,556,992	\$ -	\$ 1,128,819	\$ 3,156,981	\$ 15,573,992	\$ 15,573,992	\$ -

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Berlin Junior / Senior High School

1	Site Systems	Quantity	Unit	Unit Cost	Subtotal	Priority	Escalation Phase 1	Escalation Phase 2	Contingency	Incidentals	Total Cost	Total Phase 1
1.01												
1.02												
1.03												
1.04												
	Subtotal Sitework				\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

2	Exterior Building Envelope	Quantity	Unit	Unit Cost	Subtotal	Priority	Escalation Phase 1	Escalation Phase 2	Contingency	Incidentals	Total Cost	Total Phase 1
2.01	Provide canopies at exterior doors	5	EA	\$ 16,000	\$ 80,000	PH1	\$ 12,800	-	\$ 9,280	\$ 25,953	\$ 128,033	\$ 128,033
2.02	Masonry cleaning / restoration - Phase 1	1	LS	\$ 32,000	\$ 32,000	PH1	\$ 5,120	-	\$ 3,712	\$ 10,381	\$ 51,213	\$ 51,213
2.03	Gutters and downspouts	2,000	LF	\$ 19	\$ 38,000	PH1	\$ 6,080	-	\$ 4,408	\$ 12,328	\$ 60,816	\$ 60,816
2.04	Replace 1989 roofing	77,000	SF	\$ 16	\$ 1,232,000	PH1	\$ 197,120	-	\$ 142,912	\$ 399,684	\$ 1,971,716	\$ 1,971,716
2.05	Replace rescue Windows only	5	EA	\$ 3,700	\$ 18,500	PH1	\$ 2,960	-	\$ 2,146	\$ 6,002	\$ 29,608	\$ 29,608
2.06												
2.07												
2.08												
2.09												
2.10												
2.11												
2.12												
2.13												
	Subtotal Exterior Building Envelope				\$ 1,400,500		\$ 224,080	\$ -	\$ 162,458	\$ 454,348	\$ 2,241,386	\$ 2,241,386

3	Building Interior	Quantity	Unit	Unit Cost	Subtotal	Priority	Escalation Phase 1	Escalation Phase 2	Contingency	Incidentals	Total Cost	Total Phase 1
3.01	ADA compliant door hardware	30	EA	\$ 750	\$ 22,500	PH1	\$ 3,600	-	\$ 2,610	\$ 7,299	\$ 36,009	\$ 36,009
3.02										\$ -		
3.03										\$ -		
3.04	Provide ADA compliant toilet room in Health Office	100	SF	\$ 220	\$ 22,000	PH1	\$ 3,520	-	\$ 2,552	\$ 7,137	\$ 35,209	\$ 35,209
3.05	Renovate Home & Careers, incl. ADA compliant kitchen station	20	LF	\$ 650	\$ 13,000	PH1	\$ 2,080	-	\$ 1,508	\$ 4,217	\$ 20,805	\$ 20,805
3.06	Asbestos Abatement	1	LS	\$ 32,000	\$ 32,000	PH1	\$ 5,120	-	\$ 3,712	\$ 10,381	\$ 51,213	\$ 51,213
3.07	Replace VCT flooring at corridor outside Gym and Auditorium	2,900	SF	\$ 9	\$ 26,100	PH1	\$ 4,176	-	\$ 3,028	\$ 8,467	\$ 41,771	\$ 41,771
3.08	Relocate kiln room	100	SF	\$ 150	\$ 15,000	PH1	\$ 2,400	-	\$ 1,740	\$ 4,866	\$ 24,006	\$ 24,006
3.09	Replace wall padding at Gymnasium	130	LF	\$ 75	\$ 9,750	PH1	\$ 1,560	-	\$ 1,131	\$ 3,163	\$ 15,604	\$ 15,604
3.10	General Construction associated with mechanical work	1	LS	\$ 21,000	\$ 21,000	PH1	\$ 3,360	-	\$ 2,436	\$ 6,813	\$ 33,609	\$ 33,609
3.11	Remove stage at Cafeteria (ADA)	630	SF	\$ 130	\$ 81,900	PH1	\$ 13,104	-	\$ 9,500	\$ 26,570	\$ 131,074	\$ 131,074
3.12										\$ -		
3.13	Code compliant hardware at main Office	1	EA	\$ 2,100	\$ 2,100	PH1	\$ 336	-	\$ 244	\$ 681	\$ 3,361	\$ 3,361
3.14										\$ -		
3.15										\$ -		
3.16										\$ -		
3.17										\$ -		
3.18										\$ -		
3.19										\$ -		
3.20										\$ -		
3.21										\$ -		
3.22										\$ -		
3.23										\$ -		
3.24										\$ -		
	Subtotal Interiors				\$ 245,350		\$ 39,256	\$ -	\$ 28,461	\$ 79,596	\$ 392,663	\$ 392,663

**Berlin Central School District - Preliminary Budget
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4	Additions & Alterations	Quantity	Unit	Unit Cost	Subtotal	Priority	Escalation Phase 1	Escalation Phase 2	Contingency	Incidentals	Total Cost	Total Phase 1
4.01	Building addition (Cafeteria, Home & Careers, Storage, Fitness)		SF	\$ 260	\$ -	DEF	-	-	\$ -	\$ -	\$ -	-
4.01A	Kitchen Equipmant		LS	\$ 350,000	\$ -	DEF	-	-	\$ -	\$ -	\$ -	-
4.02	Renovate Library		SF	\$ 160	\$ -	DEF	-	-	\$ -	\$ -	\$ -	-
4.03	Library Computer Room		SF	\$ 160	\$ -	DEF	-	-	\$ -	\$ -	\$ -	-
4.04	Relocate Health and Guidance		SF	\$ 160	\$ -	DEF	-	-	\$ -	\$ -	\$ -	-
4.05	Renovate Kitchen Area, MS Cafeteria and Stage		SF	\$ 160	\$ -	DEF	-	-	\$ -	\$ -	\$ -	-
4.06	Renovate vacated Home & Careers		SF	\$ 160	\$ -	DEF	-	-	\$ -	\$ -	\$ -	-
4.07	Relocate MS Science Rooms		SF	\$ 190	\$ -	DEF	-	-	\$ -	\$ -	\$ -	-
4.08	Minor Alterations		SF	\$ 100	\$ -	DEF	-	-	\$ -	\$ -	\$ -	-
4.09	Renovate HS science rooms to better fit program		SF	\$ 160	\$ -	DEF	-	-	\$ -	\$ -	\$ -	-
4.10	Vestibules at MS		SF	\$ 260	\$ -	DEF	-	-	\$ -	\$ -	\$ -	-
4.11	Vestibules at HS		SF	\$ 260	\$ -	DEF	-	-	\$ -	\$ -	\$ -	-
4.12	Renovate / Expand Cafeteria		SF	\$ 150	\$ -	DEF	-	-	\$ -	\$ -	\$ -	-
4.13	Modifications to Kitchen / Serving Line		LS	\$ 165,000	\$ -	DEF	-	-	\$ -	\$ -	\$ -	-
	Subtotal Additions and Alterations				\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

5	Mechanical System	Quantity	Unit	Unit Cost	Subtotal	Priority	Escalation Phase 1	Escalation Phase 2	Contingency	Incidentals	Total Cost	Total Phase 1
5.01	Replace exhaust fans in 1960 Building	2	EA	\$ 7,500	\$ 15,000	PH1	\$ 2,400	-	\$ 1,740	\$ 4,866	\$ 24,006	\$ 24,006
5.02	Replace Cafeteria air handling unit	1	EA	\$ 15,000	\$ 15,000	PH1	\$ 2,400	-	\$ 1,740	\$ 4,866	\$ 24,006	\$ 24,006
5.03	Improve ventilation in 1989 addition-Add Exhaust fans	6	EA	\$ 6,500	\$ 39,000	PH1	\$ 6,240	-	\$ 4,524	\$ 12,652	\$ 62,416	\$ 62,416
5.04	Provide Mechanical ventilation in 1975 Addition class rooms (UV's)	5	EA	\$ 7,500	\$ 37,500	PH1	\$ 6,000	-	\$ 4,350	\$ 12,166	\$ 60,016	\$ 60,016
5.05	Provide Mechanical ventilation in 1960 building class rooms (UV's)	4	EA	\$ 7,500	\$ 30,000	PH1	\$ 4,800	-	\$ 3,480	\$ 9,733	\$ 48,013	\$ 48,013
5.06	Provide Mechanical Ventilation with A/C in Guidance Areas	1	LS	\$ 17,000	\$ 17,000	PH1	\$ 2,720	-	\$ 1,972	\$ 5,515	\$ 27,207	\$ 27,207
5.07	Provide Mechanical Ventilation with A/C in Rm 116	1	LS	\$ 13,000	\$ 13,000	PH1	\$ 2,080	-	\$ 1,508	\$ 4,217	\$ 20,805	\$ 20,805
5.08	Provide Mechanical Ventilation with A/C on Cafeteria Stage Classroom	1	LS	\$ 17,000	\$ 17,000	PH1	\$ 2,720	-	\$ 1,972	\$ 5,515	\$ 27,207	\$ 27,207
5.09	Provide Mechanical Ventilation with A/C for Library Offices/copy Rm.	1	LS	\$ 30,000	\$ 30,000	PH1	\$ 4,800	-	\$ 3,480	\$ 9,733	\$ 48,013	\$ 48,013
5.10	Provide Mechanical Ventilation with A/C for Nurses areas.	1	LS	\$ 17,000	\$ 17,000	PH1	\$ 2,720	-	\$ 1,972	\$ 5,515	\$ 27,207	\$ 27,207
5.11	Provide Mechanical Ventilation with A/C for Resource Rms. 141/142Nurses areas.	1	LS	\$ 17,000	\$ 17,000	PH1	\$ 2,720	-	\$ 1,972	\$ 5,515	\$ 27,207	\$ 27,207
5.12	Provide Additional Ventilation in Library. (UV)	1	EA	\$ 7,500	\$ 7,500	PH1	\$ 1,200	-	\$ 870	\$ 2,433	\$ 12,003	\$ 12,003
5.13	Provide ventilation for Dark Room	1	EA	\$ 6,500	\$ 6,500	PH1	\$ 1,040	-	\$ 754	\$ 2,109	\$ 10,403	\$ 10,403
5.14	Provide Mechanical Ventilation for Pupil Services rooms.	1	LS	\$ 13,000	\$ 13,000	PH1	\$ 2,080	-	\$ 1,508	\$ 4,217	\$ 20,805	\$ 20,805
5.15	Provide adequate exhaust for Kiln Room	1	LS	\$ 4,000	\$ 4,000	PH1	\$ 640	-	\$ 464	\$ 1,298	\$ 6,402	\$ 6,402
5.16	Re-pipe boiler no. 2 to eliminate cracking of sections	1	LS	\$ 30,000	\$ 30,000	PH1	\$ 4,800	-	\$ 3,480	\$ 9,733	\$ 48,013	\$ 48,013
5.17	Provide Mechanical Ventilation in Corridors (Horizontal UV's)	6	EA	\$ 7,500	\$ 45,000	PH1	\$ 7,200	-	\$ 5,220	\$ 14,599	\$ 72,019	\$ 72,019
5.18	Provide Fuel monitoring system for 20,000 gallon underground fuel tank.	1	EA	\$ 15,000	\$ 15,000	PH1	\$ 2,400	-	\$ 1,740	\$ 4,866	\$ 24,006	\$ 24,006
5.19	Provide Mechanical Ventilation with A/C for Rms. 102/103.	1	LS	\$ 13,000	\$ 13,000	PH1	\$ 2,080	-	\$ 1,508	\$ 4,217	\$ 20,805	\$ 20,805
5.20	Provide more exhaust in jan closet with transformers (1989 Add.)	1	EA	\$ 6,500	\$ 6,500	PH1	\$ 1,040	-	\$ 754	\$ 2,109	\$ 10,403	\$ 10,403
5.21										\$ -		
5.22										\$ -		
5.23										\$ -		
5.24										\$ -		
5.25										\$ -		
5.26										\$ -		
5.27												
5.28												
5.29												
5.30												
5.31												
	Subtotal Mechanical				\$ 388,000		\$ 62,080	\$ -	\$ 45,008	\$ 125,874	\$ 620,962	\$ 620,962

**Berlin Central School District - Preliminary Budget
October 20, 2009**

6	Electrical System	Quantity	Unit	Unit Cost	Subtotal	Priority	Escalation Phase 1	Escalation Phase 2	Contingency	Incidentals	Total Cost	Total Phase 1
6.01	Provide auto activation of fire pump on call from fire alarm	1	LS	\$ 10,000	\$ 10,000	PH1	\$ 1,600	-	\$ 1,160	\$ 3,244	\$ 16,004	\$ 16,004
6.02	Add smoke detectors in storage rooms etc.	10	EA	\$ 650	\$ 6,500	PH1	\$ 1,040	-	\$ 754	\$ 2,109	\$ 10,403	\$ 10,403
6.03	Add FA visuals to several rooms.	10	EA	\$ 650	\$ 6,500	PH1	\$ 1,040	-	\$ 754	\$ 2,109	\$ 10,403	\$ 10,403
6.04	Replace existing exhaust fans in 1960 Building	2	EA	\$ 650	\$ 1,300	PH1	\$ 208	-	\$ 151	\$ 422	\$ 2,081	\$ 2,081
6.05	Replace Cafeteria air handling unit	1	EA	\$ 1,600	\$ 1,600	PH1	\$ 256	-	\$ 186	\$ 519	\$ 2,561	\$ 2,561
6.06	Improve ventilation in 1989 addition-Add Exhaust fans	6	EA	\$ 1,000	\$ 6,000	PH1	\$ 960	-	\$ 696	\$ 1,947	\$ 9,603	\$ 9,603
6.07	Provide Mechanical ventilation in 1975 Addition class rooms (UV's)	5	EA	\$ 1,000	\$ 5,000	PH1	\$ 800	-	\$ 580	\$ 1,622	\$ 8,002	\$ 8,002
6.08	Provide Mechanical ventilation in 1960 building class rooms (UV's)	4	EA	\$ 1,000	\$ 4,000	PH1	\$ 640	-	\$ 464	\$ 1,298	\$ 6,402	\$ 6,402
6.09	Provide Mechanical Ventilation with A/C in Guidance Areas	1	LS	\$ 1,600	\$ 1,600	PH1	\$ 256	-	\$ 186	\$ 519	\$ 2,561	\$ 2,561
6.10	Provide Mechanical Ventilation with A/C in Rm 116	1	LS	\$ 1,600	\$ 1,600	PH1	\$ 256	-	\$ 186	\$ 519	\$ 2,561	\$ 2,561
6.11	Provide Mechanical Ventilation with A/C on Cafeteria Stage Classroom	1	LS	\$ 1,600	\$ 1,600	PH1	\$ 256	-	\$ 186	\$ 519	\$ 2,561	\$ 2,561
6.12	Provide Mechanical Ventilation with A/C for Library Offices/copy Rm.	1	LS	\$ 2,200	\$ 2,200	PH1	\$ 352	-	\$ 255	\$ 714	\$ 3,521	\$ 3,521
6.13	Provide Mechanical Ventilation with A/C for Nurse Offices.	1	LS	\$ 1,600	\$ 1,600	PH1	\$ 256	-	\$ 186	\$ 519	\$ 2,561	\$ 2,561
6.14	Provide Mechanical Ventilation with A/C for Resource Rms. 141/142Nurses areas.	1	LS	\$ 1,600	\$ 1,600	PH1	\$ 256	-	\$ 186	\$ 519	\$ 2,561	\$ 2,561
6.15	Provide Mechanical Ventilation with A/C for Rm. 147.	1	LS	\$ 1,600	\$ 1,600	PH1	\$ 256	-	\$ 186	\$ 519	\$ 2,561	\$ 2,561
6.16	Provide Additional Ventilation in Library. (UV)	1	EA	\$ 1,600	\$ 1,600	PH1	\$ 256	-	\$ 186	\$ 519	\$ 2,561	\$ 2,561
6.17	Provide ventilation for Dark Room	1	EA	\$ 1,000	\$ 1,000	PH1	\$ 160	-	\$ 116	\$ 324	\$ 1,600	\$ 1,600
6.18	Provide Mechanical Ventilation for Pupil Services rooms.	1	LS	\$ 1,600	\$ 1,600	PH1	\$ 256	-	\$ 186	\$ 519	\$ 2,561	\$ 2,561
6.19	Provide adequate exhaust for Kiln Room	1	LS	\$ 1,000	\$ 1,000	PH1	\$ 160	-	\$ 116	\$ 324	\$ 1,600	\$ 1,600
6.20	Provide Mechanical Ventilation in Corridors (Horizontal UV's)	6	EA	\$ 1,600	\$ 9,600	PH1	\$ 1,536	-	\$ 1,114	\$ 3,114	\$ 15,364	\$ 15,364
6.21	Provide more exhaust in jan closet with transformers. 1989 addition.	1	EA	\$ 1,600	\$ 1,600	PH1	\$ 256	-	\$ 186	\$ 519	\$ 2,561	\$ 2,561
6.22												
6.23												
6.24												
6.25												
	Subtotal Electrical				\$ 69,100		\$ 11,056	\$ -	\$ 8,016	\$ 22,417	\$ 110,589	\$ 110,589

7	Plumbing System	Quantity	Unit	Unit Cost	Subtotal	Priority	Escalation Phase 1	Escalation Phase 2	Contingency	Incidentals	Total Cost	Total Phase 1
7.01	Provide Automatic gas shut down switch in Science rooms 1989 Addition.	3	EA	\$ 2,000	\$ 6,000	PH1	\$ 960	-	\$ 696	\$ 1,947	\$ 9,603	\$ 9,603
7.02	Provide Acid Nuetralization tanks for Science room sinks	1	LS	\$ 3,000	\$ 3,000	PH1	\$ 480	-	\$ 348	\$ 973	\$ 4,801	\$ 4,801
7.03	Extend storage water heating system (Boilers) to all parts of school.	1	LS	\$ 10,000	\$ 10,000	PH1	\$ 1,600	-	\$ 1,160	\$ 3,244	\$ 16,004	\$ 16,004
7.04												
7.05												
7.06												
7.07												
7.08												
	Subtotal Plumbing				\$ 19,000		\$ 3,040	\$ -	\$ 2,204	\$ 6,164	\$ 30,408	\$ 30,408

					Subtotal		Escalation Phase 1	Escalation Phase 2	Contingency	Incidentals	Total Cost	Total Phase 1
	TOTAL - MIDDLE SCHOOL / HIGH SCHOOL				\$ 2,121,950		\$ 339,512	\$ -	\$ 246,146	\$ 688,400	\$ 3,396,008	\$ 3,396,008