

**DDESS Facility Survey, Camp Lejeune, NC**  
**Berkeley Manor Elementary School**  
**Engineers' Opinion of Probable Cost**

03-8111-02

28-Aug-03



<b>Cost Markups &amp; Multipliers:</b>	
General Contractor Overhead, Profit & Bond	25.00%
Area Multiplier	0.94
Escalation from 2001 to 2004	8.86%
Contingency	15.00%
<b>Total Multiplier For FY 04 Costs</b>	<b>1.47</b>

Ref.	Description	Quantity	Unit	Unit Price	Mult.	Total
<b>Immediate Upgrades</b>						
3.2.5.1	Install Backflow Device on Domestic Water	1	ea	\$11,700.00	1.47	\$17,000
3.2.5.3	Install Grease Trap for Kitchen Waste	1	ea	\$10,000.00	1.47	\$15,000
3.3.2	Replace Damaged Roof Framing	5052	sf	\$8.00	1.47	\$59,000
3.3.3.1	Repair Damaged Masonry Veneer	3301	sf	\$15.00	1.47	\$73,000
3.3.3.2	Replace Main Entry and Auxillary Doors	8	ea	\$1,500.00	1.47	\$18,000
3.3.3.4	Replace Damaged Soffit	5052	sf	\$10.00	1.47	\$74,000
3.3.4	Repair Roof Leaks and Downspouts, Replace Flashing	50524	sf	\$0.50	1.47	\$37,000
3.5.1	Replace HVAC System	50524	sf	\$14.30	1.47	\$1,063,000
3.5.3.5	Security System	50524	sf	\$0.60	1.47	\$45,000
3.6.1	Provide Accessible Route of Travel to Parking	60	lf	\$50.00	1.47	\$4,000
3.6.1	Provide ADA Handrails on Ramps	120	lf	\$65.00	1.47	\$11,000
3.6.2	Provide ADA Accessible Curb Ramps	2	ea	\$5,000.00	1.47	\$15,000
3.6.2	Provide ADA Accessible Parking	1	ls	\$5,000.00	1.47	\$7,000
3.6.3	Replace Interior Doors and Hardware	48	ea	\$1,200.00	1.47	\$85,000
3.6.5	Provide Accessible Public Toilets incl. Finishes	6	fix	\$5,000.00	1.47	\$43,000
3.6.6	Provide ADA Accessible Drinking Fountains	4	ea	\$1,350.00	1.47	\$8,000
3.6.9	Provide Hardscape Play Surface at Each Play Group	1	ls	\$35,000.00	1.47	\$51,000
3.7.1	Fire Sprinkler System (Stage)	1	ls	\$7,000.00	1.47	\$10,000
3.7.1	Provide Shutdown Switches at Hood	1	ls	\$10,000.00	1.47	\$15,000
3.7.2	Provide ADA Compliant Pull Stations	1	ls	\$10,000.00	1.47	\$15,000
3.7.2	Install Visual Fire Alarm Signals	50524	sf	\$0.35	1.47	\$26,000
3.7.2	Provide Smoke Detectors at Designated Areas	50524	sf	\$0.05	1.47	\$4,000
3.7.3	Upgrade Corridor Envelope	6737	sf	\$4.00	1.47	\$40,000
3.7.6	Provide Additional Emergency Lighting	50524	sf	\$0.10	1.47	\$7,000
<b>Subtotal Immediate Upgrades</b>						<b>\$1,742,000</b>
<b>Long-Term Maintenance Items</b>						
						\$0
3.2.1	Stormwater Drainage Near Playground	50524	sf	\$1.00	1.47	\$74,000
3.2.3	Replace Concrete Walks	5093	sf	\$3.65	1.47	\$27,000
3.2.5.3	Repair Sanitary Sewer Service to B, C and Cafeteria	1	ls	\$40,000.00	1.47	\$59,000
3.4.1	Replace Finishes After Abatement	23725	sf	\$2.25	1.47	\$79,000
3.5.1	Replace Fuel Oil Fired Boilers	1	ls	\$60,000.00	1.47	\$88,000
3.5.2.3	Replace Plumbing Fixtures and Connections	16	fix	\$2,000.00	1.47	\$48,000
3.5.3.4	Repair Wall Pack Lighting	1	ls	\$5,000.00	1.47	\$7,000
3.6.3	Provide Accessible Secondary Entrance / Exit	41	ea	\$1,500.00	1.47	\$90,000
3.6.4	Provide ADA Signage	50524	sf	\$0.35	1.47	\$26,000
3.6.5	Provide Accessible Staff Toilets incl. Finishes	6	fix	\$5,000.00	1.47	\$43,000
3.6.5	Provide Accessible Classroom Toilets incl. Finishes (1 per win,	30	fix	\$5,000.00	1.47	\$221,000
3.6.8	Provide Chair lift at Stage	1	ea	\$8,000.00	1.47	\$12,000
3.8.0	Remove Non-Friable ACM	1	ls	\$150,000.00	1.47	\$221,000
						\$0
<b>Subtotal Long-Term Maintenance Items</b>						<b>\$995,000</b>
<b>Total Immediate &amp; Long-Term Upgrades</b>						<b>\$2,737,000</b>