

**DDESS Facility Survey,
Holbrook Elem School, Fort Bragg
Engineers' Opinion of Probable Cost**

03-8111-02

18-Dec-03



Cost Markups & Multipliers:		
General Contractor Overhead, Profit & Bond		25.00%
Area Multiplier		0.88
Escalation from 2001 to 2004		8.86%
Contingency		15.00%
Total Multiplier For FY 04 Costs		1.38

Ref.	Description	Quantity Unit	Unit Price	Mult.	Total
Immediate Upgrades					
3.2.1	Storm water Drainage	11846 sf	\$3.00	1.38	\$49,000
3.3.1	Repair Settling Foundations	206 lf wall	\$225.00	1.38	\$64,000
3.3.3.1	Repair Damaged Masonry Veneer	2877 sf	\$15.00	1.38	\$59,000
3.3.4	Repair Roof Leaks and Downspouts, Repl. Flash. & Repair	1 ls	\$25,000.00	1.38	\$34,000
3.5.1	Replace Condensers and DX Coils	30 ea	\$7,000.00	1.38	\$289,000
3.5.1	Replace Pneumatic Controls with DDC	310 point	\$500.00	1.38	\$213,000
3.6.1	Provide Accessible Route of Travel to Parking	60 lf	\$200.00	1.38	\$17,000
3.5.3.5	Security System	57894 sf	\$0.60	1.38	\$48,000
3.6.2	Provide ADA Accessible Curb Cuts and Van Parking	1 ls	\$5,000.00	1.38	\$7,000
3.6.3	Replace Int. Corridor Doors and Hardware	60 ea	\$1,200.00	1.38	\$99,000
3.6.5	Public Toilets Along Access Route	10 ea	\$5,000.00	1.38	\$69,000
3.6.6	Provide Accessible Drinking Fountains	4 ea	\$1,350.00	1.38	\$7,000
3.6.9	Provide Route to Play Surface and Equipment Replacement	1 ls	\$150,000.00	1.38	\$207,000
3.7.1	Fire Sprinkler System	4738 sf	\$5.00	1.38	\$33,000
3.7.2	Install Visual Fire Alarm Signals	41460 sf	\$0.35	1.38	\$20,000
3.7.3	Upgrade Corridor Envelope (fire safe opening and area seps)	11846 sf	\$4.00	1.38	\$65,000
3.7.6	Provide Emergency Lighting in all Egress Corridors & Window	42000 sf	\$0.50	1.38	\$29,000
3.6.1	Add Handrails to Interior Ramps	100 lf	\$40.00	1.38	\$6,000
Subtotal Immediate Upgrades					\$1,315,000
Long-Term Maintenance Items					
3.2.2	Replace Parking Lot Surfacing and Curbs	2500 sy	\$18.00	1.38	\$62,000
3.2.3	Replace Concrete Walks	5918 sf	\$3.65	1.38	\$30,000
3.4.1	Replace Flooring After Abatement	9962 sf	\$2.25	1.38	\$31,000
3.5.1	Replace Unit Ventilators	30 ea	\$5,000.00	1.38	\$207,000
3.5.2.1	Replace Water and Sanitary Sewer Service inside Building	1 ls	\$150,000.00	1.38	\$207,000
3.5.3.3	Classroom and Corridor Lighting	42000 sf	\$3.50	1.38	\$202,000
3.5.3.4	Replace Soffit and Entrance Lights	6000 sf	\$2.00	1.38	\$17,000
3.5.3.2	Replace Distribution Panels and 50% Home Runs	46000 sf	\$3.50	1.38	\$222,000
3.6.3	Provide Accessible Auxillary Exits	6 ea	\$3,500.00	1.38	\$29,000
3.6.4	Provide ADA Signage	57894 sf	\$0.35	1.38	\$28,000
3.6.5	Provide Accessible Public Toilets incl. Finishes for staff	10 fix	\$5,000.00	1.38	\$69,000
3.6.8	Provide Chair lift	1 ea	\$8,000.00	1.38	\$11,000
3.7.1	Replace Kitchen Hood	1 ls	\$65,000.00	1.38	\$90,000
3.8.0	Remove ACM	1 ls	\$44,600.00	1.38	\$61,000
Subtotal Long-Term Maintenance Items					\$1,266,000
Total Immediate & Long-Term Upgrades					\$2,581,000