

**DDESS Facility Survey, Quantico Virginia
 Quantico Middle & High School
 Engineers' Opinion of Probable Cost**

03-8111-02

12/10/03



Cost Markups & Multipliers:	
General Contractor Overhead, Profit & Bond	25.00%
Area Multiplier	0.98
Escalation from 2002 to 2004	8.86%
Contingency	25.00%
Total Multiplier For FY 04 Costs	1.67

Ref.	Description	Quantity	Unit	Unit Price	Mult.	Total
Immediate Upgrades						
3.2.7	Renovate Boys' Football Locker Room	800	sf	\$220.00	1.67	\$293,000
3.2.8.2	Reroute Primary Overhead Electrical Over Building	4	pole	\$3,125.00	1.67	\$21,000
3.2.8.5	Replace Damaged Metal Fascia Downspouts and Piping	1	ls	\$15,000.00	1.67	\$25,000
3.3.3.1	Repair Damaged Masonry Veneer / Clean Exist. Masonry	500	sf	\$15.00	1.67	\$13,000
3.3.3.4	Repair 10% of Wood Soffits and Replace Damaged Skylights	1600	sf	\$8.00	1.67	\$21,000
3.3.3.5	Replace Damaged Roof Fascia	800	lf	\$15.00	1.67	\$20,000
3.4.1	Replace Gymnasium Ceiling	9790	sf	\$3.00	1.67	\$49,000
3.5.1	Provide Accessible Route of Travel to Parking	125	lf	\$50.00	1.67	\$10,000
3.5.2	Provide Van Access. Parking	1	ls	\$5,000.00	1.67	\$8,000
3.5.3	Replace Int. Exsit Door Hardware for LS and ADA	50	ea	\$475.00	1.67	\$40,000
3.5.6	Provide ADA Water Fountains on Public Path	8	ea	\$1,350.00	1.67	\$18,000
3.5.8	Elevator Upgrades for ADA Compliance	1	ls	\$45,000.00	1.67	\$75,000
3.6.2.1	Extend Vents Above Roof as Required by Code	20	ea	\$25.00	1.67	\$1,000
3.6.2.1	New Two Compartment Grease Trap	1	ea	\$10,000.00	1.67	\$17,000
3.6.3.1	Repair Geothermal Heat Pump System & Piping	72869	sf	\$2.00	1.67	\$243,000
3.6.3.2	Repair Fresh Air Intake to Provide Required Fresh Air	1	ls	\$62,500.00	1.67	\$104,000
3.6.3.4	Upgrade Controls and Fans at Lab Hoods	9	ea	\$937.50	1.67	\$14,000
3.6.3.4	Replace Kitchen Hood and Fan	1	ea	\$65,000.00	1.67	\$108,000
3.6.4.4	Repair and Addition of Exterior Lighting and Controls	44	ea	\$500.00	1.67	\$37,000
3.8.10	Provide Additional Emergency Lighting	10	ea	\$300.00	1.67	\$5,000
3.8.2	Provide Visual Fire Alarm Signals Complying with ADA	65582	sf	\$0.35	1.67	\$38,000
3.8.2.2	Provide Shunt Trip Circuit Breakers at Kitchen Hood	1	ls	\$5,000.00	1.67	\$8,000
3.8.7	Seal Penetrations at Exit Corridors	1860	lf	\$10.00	1.67	\$31,000
3.8.8	Replace Corridor glazing at 1 and 2 Floor Stairs w/ fire-rated	800	sf	\$40.00	1.67	\$53,000
					0.00	\$0
Subtotal Immediate Upgrades						\$1,252,000
Long-Term Maintenance Items						
3.2.4	Replace, Repair and Restripe Parking Lot, Curbs and Gutters	2222	sy	\$18.00	1.67	\$67,000
3.2.5	Replace Concrete Walks	1200	sf	\$3.65	1.67	\$7,000
3.2.7	Resurface Tennis Court	2	crts	\$32,500.00	1.67	\$108,000
3.2.7	Provide Lights at Girls Softball Field	1	ls	\$55,000.00	1.67	\$92,000
3.5.3	ADA Compliant Path from Auxillary Exits	200	lf	\$105.00	1.67	\$35,000
3.5.4	Provide ADA Room Signage	1	ls	\$23,000.00	1.67	\$38,000
3.5.8	Provide Stage Chair Lift	1	ea	\$8,000.00	1.67	\$13,000
3.5.9	Provide Accessible Ramps to Athletic Fields	350	lf	\$175.00	1.67	\$102,000
3.6.2.3	Replace Toilet Fixtures	18	ea	\$2,000.00	1.67	\$60,000
3.6.3.1	Upgrade/Add Wells to Geothermal System	1	ls	\$43,750.00	1.67	\$73,000
3.3.4	Replace All Roofing, EPDM and BUR types	42500	sf	\$6.00	1.67	\$425,000
3.6.4.3	Replace Existing Pendant Mounted Lighting	47365	sf	\$3.50	1.67	\$276,000
3.8.11	Asbestos Abatement of VCT Mastic and Pipe Elbows	1	ls	\$38,250	1.67	\$64,000
Subtotal Long-Term Maintenance Items						\$1,360,000
Total Immediate & Long-Term Upgrades						\$2,612,000