

DDESS Facility Survey, Ft. Campbell, KY
Jackson Elementary School
Engineers' Opinion of Probable Cost

03-8111-02
 15-Aug-03



Cost Markups & Multipliers:	
General Contractor Overhead, Profit & Bond	25.00%
Area Multiplier	1.05
Escalation from 2001 to 2004	8.86%
Contingency	15.00%
Total Multiplier For FY 04 Costs	1.64

Ref.	Description	Quantity	Unit	Unit Price	Mult.	Total
Immediate Upgrades						
3.2.4	Replace Play Facilities and Surfacing	2	ls	\$20,000.00	1.64	\$66,000
3.2.5.1	Upgrade Water Service to Building	78446	sf	\$1.00	1.64	\$129,000
3.3.1	Repair Foundation Elements	100	lf	\$225.00	1.64	\$37,000
3.3.3.1	Replace Damaged Brick	1000	sf	\$12.00	1.64	\$20,000
3.5.1	Replace Corridor Heat Pump Units	16	ea	\$5,000.00	1.64	\$131,000
3.5.1	Replace Thermostats	122	ea	\$125.00	1.64	\$25,000
3.5.1	Repair Concrete Around Cooling Tower	1	ls	\$4,000.00	1.64	\$7,000
3.5.2.1	Replace Water Piping within the Building	5066	lf	\$90.00	1.64	\$749,000
3.5.3.1	Replace Main Panel from Original Building	1	ls	\$60,000.00	1.64	\$99,000
3.6.1	Provide Accessible Route of Travel to Parking	100	lf	\$50.00	1.64	\$8,000
3.6.1	Provide ADA Accessible Interior Ramps	120	lf	\$50.00	1.64	\$10,000
3.6.2	Provide ADA Accessible Curb Cuts and Van Parking	1	ls	\$5,000.00	1.64	\$8,000
3.6.3	Provide ADA Accessible Route outside Second Exit	45	ea	\$1,000.00	1.64	\$74,000
3.6.3	Replace Interior Doors and Hardware	50	ea	\$475.00	1.64	\$39,000
3.6.3	Replace Int. Exit Door Hardware to the Outside	45	ea	\$475.00	1.64	\$35,000
3.6.5	Provide Accessible Public Toilets incl. Finishes	5	fix	\$5,000.00	1.64	\$41,000
3.6.6	Provide ADA Accessible Drinking Fountains	4	ea	\$1,350.00	1.64	\$9,000
3.7.1	Fire Sprinkler System	3922	sf	\$2.50	1.64	\$16,000
3.7.2	Fire Alarm System, not including strobes	3922.3	sf	\$0.50	1.64	\$3,000
3.7.2	Install Visual Fire Alarm Signals	47068	sf	\$0.35	1.64	\$27,000
3.7.3	Upgrade Corridor Envelope	10459	sf	\$4.00	1.64	\$69,000
3.7.6	Provide Emergency Lighting in all Windowless Rooms	3922	sf	\$0.50	1.64	\$3,000
Subtotal Immediate Upgrades						\$1,605,000
Long-Term Maintenance Items						
3.2.1	Correct Drainage Problem at South Side	1	ls	\$20,000.00	1.64	\$33,000
3.2.2	Resurface Asphalt Paving	5900	sy	\$18.00	1.64	\$174,000
3.2.3	Replace Damaged Sidewalks	4559	sf	\$3.65	1.64	\$27,000
3.2.5.3	Replace/Repair Sanitary Sewer Service to Building	78446	sf	\$0.60	1.64	\$77,000
3.5.2.2	Replace Domestic Hot Water Heaters	2	ea	\$5,000.00	1.64	\$16,000
3.5.2.3	Replace Plumbing Fixtures and Connections	32	fix	\$2,000.00	1.64	\$105,000
3.5.3.2	Replace Branch Panels and Some H.R. from Orig. Bldg	39223	sf	\$2.00	1.64	\$129,000
3.5.3.4	Covered Walkway Lighting Replacement	4800	sf	\$1.50	1.64	\$12,000
3.5.3.4	Repair/Addition of Exterior Wall Packs	13	ea	\$500.00	1.64	\$10,000
3.6.4	Provide ADA Signage	78446	sf	\$0.35	1.64	\$45,000
3.6.5	Provide Accessible Public Toilets (1 Class/ Wing)	10	fix	\$5,000.00	1.64	\$82,000
3.6.8	Provide Chair lift	1	ea	\$8,000.00	1.64	\$13,000
						\$0
Subtotal Long-Term Maintenance Items						\$723,000
Total Immediate & Long-Term Upgrades						\$2,328,000