

**DDESS Facility Survey, Fort Rucker, Alabama**  
**Rucker Elementary School**  
**Engineers' Opinion of Probable Cost**

03-8111-02

28-Mar-03



<b>Cost Markups &amp; Multipliers:</b>	
General Contractor Overhead, Profit & Bond	25.00%
Area Multiplier	0.81
Escalation from 2001 to 2004	8.86%
Contingency	15.00%
<b>Total Multiplier For FY 04 Costs</b>	<b>1.27</b>

Ref.	Description	Quantity	Unit	Unit Price	Mult.	Total
<b>Immediate Upgrades</b>						
3.2.4	Repair/Replace Playfield Surfacing	1	ls	\$20,000.00	1.27	\$25,000
3.2.5.1	Install Backflow Device on Domestic Water	1	ea	\$11,700.00	1.27	\$15,000
3.2.5.3	Install Grease Trap for Kitchen Waste	2	ea	\$10,000.00	1.27	\$25,000
3.5.1	Replace Roof Top Units (not ductwork)	80	ton	\$1,500.00	1.27	\$152,000
3.5.1	Fresh Air Makeup Unit	17500	cfm	\$4.00	1.27	\$89,000
3.5.1	Replace Runout piping to Fan Coils	800	lf	\$30.00	1.27	\$30,000
3.5.2	Test & Balance Water Valves to Fan Coil Units	1	ls	\$25,000.00	1.27	\$32,000
3.5.3.2	Reroute Plumbing Lines Over Buss Bars and Electrical Panels	1	ls	\$2,000.00	1.27	\$3,000
3.5.3.5	Provide Security System	108825	sf	\$0.60	1.27	\$83,000
3.6.1	Provide Accessible Route of Travel to Parking	150	lf	\$50.00	1.27	\$10,000
3.6.2	Provide ADA Accessible Curb Cuts and Van Parking	1	ls	\$2,500.00	1.27	\$3,000
3.6.3	Replace Corridor Door Hardware	96	ea	\$475.00	1.27	\$58,000
3.6.6	Provide ADA Accessible Drinking Fountains	14	ea	\$1,350.00	1.27	\$24,000
3.6.9	Provide Accessible Play Area	1	ls	\$35,000.00	1.27	\$44,000
3.7.1	Fire Sprinkler System @ Janitor and Stage	5414	sf	\$5.00	1.27	\$34,000
3.7.2	Install Visual Fire Alarm Signals and Req'd. Smoke Detector	108285	sf	\$0.45	1.27	\$62,000
3.7.3	Upgrade Corridor Envelope	10829	sf	\$6.00	1.27	\$82,000
3.7.6	Provide Emergency Lighting in Windowless Rooms	2400	sf	\$0.75	1.27	\$2,000
<b>Subtotal Immediate Upgrades</b>						<b>\$773,000</b>
<b>Long-Term Maintenance Items</b>						
						1.27
						\$0
3.2.2	Seal Coat Parking Lots	5881	sy	\$8.00	1.27	\$60,000
3.2.3	Replace Concrete Walks	11781	sf	\$3.65	1.27	\$55,000
3.2.5.5	Upgrade/Repair Electrical Service to Building	108285	sf	\$1.00	1.27	\$137,000
3.5.3.1	Replace 800 Amp Distribution Panels in SW and SE Wings	1	ls	\$150,000.00	1.27	\$190,000
3.5.3.4	Replace Soffit and Canopy Light Fixtures	1	ls	\$8,000.00	1.27	\$10,000
3.6.1	Replace Non-Compliant Handrails with Compliant Railings	80	lf	\$80.00	1.27	\$8,000
3.6.3	Provide Accessible Route from Auxillary Exits	400	lf	\$100.00	1.27	\$51,000
3.6.4	Provide ADA Signage	108285	sf	\$0.35	1.27	\$48,000
3.6.5	Provide Accessible Toilets incl. Finishes @ Admin & Class	35	fix	\$5,000.00	1.27	\$223,000
3.6.8	Provide Chair lift	1	ea	\$8,000.00	1.27	\$10,000
3.8	Remove Non-Friable ACM	1	ls	\$55,000.00	1.27	\$70,000
						1.27
						\$0
<b>Subtotal Long-Term Maintenance Items</b>						<b>\$862,000</b>
<b>Total Immediate &amp; Long-Term Upgrades</b>						<b>\$1,635,000</b>