

**DDESS Facility Survey, Robins Air Force Base, Georgia**  
**Robins Elementary School**  
**Engineers' Opinion of Probable Cost**

03-8111-02

24-Apr-03



<b>Cost Markups &amp; Multipliers:</b>	
General Contractor Overhead, Profit & Bond	25.00%
Area Multiplier	0.82
Escalation from 2001 to 2004	8.86%
Contingency	15.00%
<b>Total Multiplier For FY 04 Costs</b>	<b>1.28</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	1.28	\$15,000
3.2.5.3	Install Grease Trap for Kitchen Waste	1 ea	\$10,000.00	1.28	\$13,000
3.5.1	Replace Boiler Popoff Valves	1 ls	\$5,000.00	1.28	\$6,000
3.5.3.6	Security, Masterclock and Public Address System	75674 sf	\$1.50	1.28	\$146,000
3.6.1	Provide Accessible Route of Travel to Parking	100 lf	\$80.00	1.28	\$10,000
3.6.1	Provide ADA Accessible Curb Cuts and Van Parking	1 ls	\$5,000.00	1.28	\$6,000
3.6.5	Provide Accessible Public Toilets incl. Finishes	23 fix	\$5,000.00	1.28	\$149,000
3.6.7	Provide ADA Accessible Drinking Fountains	8 ea	\$1,350.00	1.28	\$14,000
3.6.9	Provide Hardscape HC Play Equipment at Each Play Group	1 ls	\$35,000.00	1.28	\$45,000
3.7.1	Replace Kitchen Hood and Fan	1 ea	\$65,000.00	1.28	\$83,000
3.7.1	Provide Additional Fire Extinguishers	1 ls	\$10,000.00	1.28	\$13,000
3.7.1	Fire Sprinkler System (Stage, Janitor)	3784 sf	\$5.00	1.28	\$24,000
3.7.2	Fire Alarm System, not including strobes	52972 sf	\$0.50	1.28	\$34,000
3.7.2	Install Visual Fire Alarm Signals	68107 sf	\$0.35	1.28	\$31,000
3.7.2	Provide Annunciators at Designated Areas	75674 sf	\$0.05	1.28	\$5,000
3.7.3	Upgrade Corridor Envelope	7567 sf	\$4.00	1.28	\$39,000
3.7.6	Provide Emergency Lighting in all Egress Corridors	75674 sf	\$0.50	1.28	\$49,000
					\$0
<b>Subtotal Immediate Upgrades</b>					<b>\$682,000</b>
<b>Long-Term Maintenance Items</b>					
				1.28	\$0
				1.28	\$0
3.2.2	Add Parking Lot Surfacing and Curbs	3354 sy	\$21.00	1.28	\$90,000
3.2.3	Replace Concrete Walks	2435 sf	\$3.65	1.28	\$11,000
3.3.4	Replace Roofing	11351 sf	\$6.00	1.28	\$87,000
3.4.1	Replace Resilient Flooring (Carpet)	64323 sf	\$2.25	1.28	\$186,000
3.5.1	Upgrade/Repair HRU Equipment	1 ls	\$65,000.00	1.28	\$83,000
3.5.2	Replace Supply and Waste Piping	6764 lf	\$25.00	1.28	\$217,000
3.5.2.2	Replace Plumbing Fixtures and Connections	92 fix	\$2,000.00	1.28	\$236,000
3.5.3.4	Repair/Addition of Exterior Wall Packs and Soffit Lights	17 ea	\$500.00	1.28	\$11,000
3.5.3.4	Parking Lot Lighting	3 pole	\$3,500.00	1.28	\$13,000
3.6.8	Provide Chair lift	1 ea	\$8,000.00	1.28	\$10,000
3.6.3	Provide Accessible Route from Auxillary Exits	200 lf	\$105.00	1.28	\$27,000
3.6.4	Provide ADA Signage	75674 sf	\$0.35	1.28	\$34,000
3.8	Remove Non-Friable ACM	1 ls	\$60,699.10	1.28	\$78,000
				1.28	\$0
<b>Subtotal Long-Term Maintenance Items</b>					<b>\$1,083,000</b>
<b>Total Immediate &amp; Long-Term Upgrades</b>					<b>\$1,765,000</b>