

DoD Education Activity
FY 2013 Military Construction, Defense-Wide
(\$ in thousands)

<u>State/Installation/Project</u>	<u>Authorization Request</u>	<u>Approp. Request</u>	<u>New/ Current Mission</u>	<u>Page No.</u>
Kentucky				
Fort Campbell Replace Barkley Elementary School	41,767	41,767	C	57
Germany				
Vogelweh Replace Vogelweh Elementary School	61,415	61,415	C	62
Wiesbaden AAF Wiesbaden High School Addition	52,178	52,178	C	67
Japan				
Kadena Air Base Replace Elementary School	71,772	71,772	C	73
Replace Stearley Heights Elementary School	71,773	71,773	C	77
Sasebo Replace Sasebo Elementary School	35,733	35,733	C	83
Zukeran (Camp Foster) Replace Zukeran Elementary School	79,036	79,036	C	90
Camp Zama Renovate Zama High School	13,273	13,273	C	96
Korea				
Osan Air Base Replace Osan Elementary School	42,692	42,692	C	100
United Kingdom				
RAF Feltwell Feltwell Elementary School Addition	30,811	30,811	C	105
RAF Menwith Hill Replace Menwith Hill Elementary/High School	46,488	46,488	C	110
Total	546,938	546,938		

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROGRAM						2. Date February 2012			
3. Installation and Location FORT CAMPBELL, KENTUCKY			4. COMMAND DoDEA			5. AREA CONSTRUCTION COST INDEX 1.02				
6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 SEP 2011						635				635
b. END FY 2015						741				741
7. INVENTORY DATA (\$000)										
TOTAL ACREAGE 0										
INVENTORY TOTAL AS OF 0										
AUTHORIZATION NOT YET IN INVENTORY 0										
AUTHORIZATION REQUESTED IN THIS PROGRAM..... 41,767										
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM..... 0										
PLANNED IN NEXT THREE PROGRAM YEARS..... 0										
REMAINING DEFICIENCY 0										
GRAND TOTAL..... 41,767										
8. PROJECTS REQUESTED IN THIS PROGRAM										
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>DESIGN START</u>	<u>STATUS COMPLETE</u>					
73046	Replace Barkley Elementary School	142,049 SF	41,767	Jan 12	Jul 15					
9. FUTURE PROJECTS										
a. INCLUDED IN FOLLOWING PROGRAM Replace Marshall Elementary School; Addition Fort Campbell High School; Replace Wassom Middle School										
b. PLANNED IN NEXT THREE YEARS Replace Jackson Elementary School; Replace Lincoln Elementary School										
10. MISSION OR MAJOR FUNCTIONS Military Dependent Education										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: None										

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2012						
3. INSTALLATION AND LOCATION FORT CAMPBELL, KENTUCKY			4. PROJECT TITLE: REPLACE BARKLEY ELEMENTARY SCHOOL							
5. PROGRAM ELEMENT	6. CATEGORY CODE 73046	7. PROJECT NUMBER AM00028	8. PROJECT COST (\$000) 41,767							
9. COST ESTIMATES										
Item		U/M	Quantity	Unit Cost	Cost (\$000)					
<u>PRIMARY FACILITIES</u>					29,563					
BARKLEY ELEMENTARY SCHOOL		SF	142,049	198.20	28,155					
LEED AND FEDERAL ENERGY ACTS COMPLIANCE		LS			1,408					
<u>SUPPORTING FACILITIES</u>					7,718					
CANOPIES		LS			(505)					
ELECTRICAL UTILITIES		LS			(1,139)					
COMMUNICATION		LS			(719)					
WATER/SEWER UTILITIES		LS			(840)					
MECHANICAL UTILITIES		LS			(591)					
SITE PREPARATION		LS			(671)					
ROADS, SIDEWALKS AND PARKING		LS			(872)					
SITE IMPROVEMENTS/PLAYGROUNDS		LS			(910)					
DEMOLITION		SF	78,794	15.77	(1,243)					
LOW IMPACT DEVELOPMENT		LS			(228)					
SUBTOTAL					37,281					
CONTINGENCY PERCENT (5%)					<u>1,864</u>					
ESTIMATED CONTRACT COST					39,145					
SUPERVISION, INSPECTION & OVERHEAD (5.7%)					2,231					
ENGINEERING DURING CONSTRUCTION (1%)					<u>391</u>					
TOTAL REQUEST					41,767					
10. DESCRIPTION OF PROPOSED CONSTRUCTION:										
<p>Construct an elementary school composed of shallow foundations, steel frame, and CMU with brick veneer. Interior construction will consist of but not be limited to CMU for halls, classrooms, restrooms, mechanical rooms; suspended acoustic ceiling tile with appropriate energy efficient light fixtures such as florescent, pendant hung, and recessed; terrazzo flooring for entries, halls, restrooms; VCT for classrooms and offices; and SVT for food service areas. Interior spaces include a minimum of learning neighborhoods, a special education area for the moderate to severe program, flex labs, information center, gymnasium, auxiliary gymnasium, food service area, art room, music room, performance theater, commons area for dining and social networking, and other required areas for a fully functioning elementary school. Cafeteria, food service and information center areas were sized for the future ES School population. The project includes site work such as signage, fencing, paving, landscaping, canopies, exterior lighting, utilities, and playground areas. The project includes related infrastructure such as water, sewer, electrical, staff and visitor parking areas, mechanical rooms, emergency access lanes and delivery areas. The project will require demolition of Buildings 3708 and 3710 for a total of 78,794 SF.</p> <p>DEMO Table</p> <table border="1"> <tr> <td><u>Bldg #</u></td> <td><u>Area (SF)</u></td> </tr> <tr> <td>3708</td> <td>77,219</td> </tr> <tr> <td>3710</td> <td>1,575</td> </tr> </table> <p>Sustainable principles will be maximized in the design, development and construction of the project in accordance with Executive Order 13123 and other applicable laws and executive orders. Energy conservation and environmentally safe</p>					<u>Bldg #</u>	<u>Area (SF)</u>	3708	77,219	3710	1,575
<u>Bldg #</u>	<u>Area (SF)</u>									
3708	77,219									
3710	1,575									

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2012
3. INSTALLATION AND LOCATION FORT CAMPBELL, KENTUCKY		4. PROJECT TITLE: REPLACE BARKLEY ELEMENTARY SCHOOL		
5. PROGRAM ELEMENT	6. CATEGORY CODE 73046	7. PROJECT NUMBER AM00028	8. PROJECT COST (\$000) 41,767	
<p>measures will be incorporated in this project wherever feasible, practical or required by regulation. Energy and natural resource conservation measures will be maximized in the design to the extent possible. In accordance with Leadership in Energy and Environmental Design (LEED) for Schools, Silver certification will be the minimum goal of the project.</p> <p>Facilities will be designed in accordance with DoDEA 21st Century Education Facilities Specifications, Americans with Disabilities Act (ADA) Accessibility Guidelines/Architectural Barriers Act (ABA), National Fire Protection Association (NFPA) Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, and energy and water conservation standards.</p> <p>Air Conditioning Load: 350 TONS</p>				
11. REQUIREMENT: 142,049 SF		ADQT: 4,875 SF	SUBSTD: 78,794 SF	
<p><u>PROJECT:</u> Replace the existing elementary school by constructing a new elementary school.</p> <p><u>REQUIREMENT:</u> The new school is required to provide adequate academic facilities for 741 students in grades Pre-Kindergarten through five. School population, as of September 2011 is 635 students.</p> <p><u>CURRENT SITUATION:</u> The existing facilities are in substandard condition except for a four classroom addition with 4,875 SF that was constructed in FY 09. The majority of the school buildings being replaced are greater than 45 years old. Existing classroom and education spaces are undersized and have inadequate infrastructure that fails to meet the standards of the DoDEA 21st Century Education Facilities Specifications. Aging utility infrastructure systems result in excessive maintenance costs and repair actions that interrupt the school operations. Most infrastructure components, such as HVAC, electrical and plumbing, have exceeded their useful life. There are numerous NFPA Life Safety and ADA code deficiencies, no fire suppression systems, and marginal indoor air quality as the facility was constructed under different code requirements. The facilities do not meet construction standards for energy efficiency. Numerous maintenance and repair problems have developed and are becoming non-repairable. The existing facilities do not meet the AT/FP requirements.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The continued use of deficient, inadequate, and undersized facilities that do not accommodate the current student population will continue to impair the overall education program for students. If new facilities are not provided, the substandard environment will continue to hamper the educational process. Yearly maintenance and utility costs will compound and the school will not support a 21st Century curriculum and provide for energy savings and sustainability initiatives. Building 3708 is currently a Q3 rating and will diminish greatly over the next few years. Outdated, failing, and in need of repair/replacement are roof, windows, restrooms, HVAC systems, exterior façade and kitchen equipment.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plans and all AT/FP measures are included.</p> <p>Economic Alternatives:</p> <p>All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.</p> <p><u>JOINT USE CERTIFICATION:</u> This facility can be used by other components on an “as available” basis; however, the scope of the project is based on DoDEA requirements.</p>				

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2012
3. INSTALLATION AND LOCATION FORT CAMPBELL, KENTUCKY			4. PROJECT TITLE: REPLACE BARKLEY ELEMENTARY SCHOOL	
5. PROGRAM ELEMENT	6. CATEGORY CODE 73046	7. PROJECT NUMBER AM00028	8. PROJECT COST (\$000) 41,767	
POC (703) 588-3509				
12. Supplemental Data:				
Site Approval: Yes <input checked="" type="checkbox"/> Obtained Date: 26 Apr 2011				
No <input type="checkbox"/> Expected Date:				
Issues: (state no issue or explain the issue)				
a. DDESAB, AICUZ, Airfield, EMR, or wetlands – No issue				
b. Endangered species/sensitive habitat – No issue				
c. Air quality – No issue				
d. Cultural/archeological resources – No issue				
e. Clearing of trees – No issue				
f. Known contamination at selected site – No issue				
g. Operational problems – No issue				
h. Traffic patterns impact – Traffic study required for busy thoroughfare				
i. Existing utilities upgrade – No issue				
j. Ordnance sweep required prior to construction – No issue				
Planning:				
Consistent with Installation Master Plan: Y				
Host Nation Approval: Country, date of approval if applicable – N/A				
National Capital Region Approval: Date of approval, if applicable – N/A				
NEPA Documentation Complete: N				
Level of NEPA: Environmental Assessment				
Mitigation Issues:				
a. Wetlands replacement/enhancement –N				
b. Hazardous Waste – Y				
c. Contaminated soil/water – N				
d. Other – N				
A. Design Data (Estimated):				
(1) Status:				
(a) Design Start Date				JAN 2012
(b) Parametric Cost Estimate Used to Develop Costs				NO
(c) Percent of Design Completed as of 1 Jan 2012				0%
(d) Expected 35% Design Date				MAY 2012
(e) Design Completion Date				JAN 2013
(f) Type of Design Contract:				Design/Bid/Build
(2) Basis:				
(a) Standard or Definitive Design				NO
(b) Date Design was Most Recently Used				N/A

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2012																																												
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<p>(3) Total Design Cost (c)=(a)+(b) OR (d)+(e):</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding-left: 20px;">(a) Production of Plans and Specifications</td> <td style="text-align: right; padding-right: 20px;">4,123</td> </tr> <tr> <td style="padding-left: 20px;">(b) All Other Design Costs</td> <td style="text-align: right; padding-right: 20px;">2,474</td> </tr> <tr> <td style="padding-left: 20px;">(c) Total Design Cost</td> <td style="text-align: right; padding-right: 20px;">1,649</td> </tr> <tr> <td style="padding-left: 20px;">(d) Contract</td> <td style="text-align: right; padding-right: 20px;">APR 2013</td> </tr> <tr> <td style="padding-left: 20px;">(e) In-house</td> <td style="text-align: right; padding-right: 20px;">MAY 2013</td> </tr> <tr> <td style="padding-left: 20px;">(4) Construction Contract Award Date</td> <td style="text-align: right; padding-right: 20px;">JUL 2015</td> </tr> <tr> <td style="padding-left: 20px;">(5) Construction Start Date</td> <td></td> </tr> <tr> <td style="padding-left: 20px;">(6) Construction Completion Date</td> <td></td> </tr> </table> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Equipment <u>Nomenclature</u></th> <th style="text-align: left;">Procuring <u>Appropriation</u></th> <th style="text-align: left;">Fiscal Year <u>Appropriated Or Requested</u></th> <th style="text-align: right;">Cost <u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td>Furnishings</td> <td>O&M</td> <td>2015</td> <td style="text-align: right;">843</td> </tr> <tr> <td>Kitchen</td> <td>O&M</td> <td>2015</td> <td style="text-align: right;">47</td> </tr> <tr> <td>IT</td> <td>O&M</td> <td>2015</td> <td style="text-align: right;">506</td> </tr> <tr> <td>Education Supplies</td> <td>O&M</td> <td>2015</td> <td style="text-align: right;">103</td> </tr> <tr> <td>Safety Equipment</td> <td>O&M</td> <td>2015</td> <td style="text-align: right;">5</td> </tr> <tr> <td>Security Equipment</td> <td>O&M</td> <td>2015</td> <td style="text-align: right;">7</td> </tr> </tbody> </table>					(a) Production of Plans and Specifications	4,123	(b) All Other Design Costs	2,474	(c) Total Design Cost	1,649	(d) Contract	APR 2013	(e) In-house	MAY 2013	(4) Construction Contract Award Date	JUL 2015	(5) Construction Start Date		(6) Construction Completion Date		Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year <u>Appropriated Or Requested</u>	Cost <u>(\$000)</u>	Furnishings	O&M	2015	843	Kitchen	O&M	2015	47	IT	O&M	2015	506	Education Supplies	O&M	2015	103	Safety Equipment	O&M	2015	5	Security Equipment	O&M	2015	7
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1. COMPONENT DoDEA		FY 2013 MILITARY CONSTRUCTION PROGRAM					2. Date February 2012				
3. Installation and Location Vogelweh Housing Area, Kaiserslautern, Germany				4. COMMAND DoDEA		5. AREA CONSTRUCTION COST INDEX 1.27					
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			TOTAL
		OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 SEP 2011							979				979
b. END FY 2015							655				655
7. INVENTORY DATA (\$000)											
TOTAL ACREAGE											0
INVENTORY TOTAL AS OF											0
AUTHORIZATION NOT YET IN INVENTORY.....											0
AUTHORIZATION REQUESTED IN THIS PROGRAM.....											61,415
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....											0
PLANNED IN NEXT THREE PROGRAM YEARS.....											0
REMAINING DEFICIENCY.....											0
GRAND TOTAL.....											61,415
8. PROJECTS REQUESTED IN THIS PROGRAM											
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>DESIGN START</u>	<u>STATUS COMPLETE</u>						
730787	Replace Vogelweh Elementary School	166,524 SF	61,415	Jan 12	Apr 15						
9. FUTURE PROJECTS											
a. INCLUDED IN FOLLOWING PROGRAM None											
b. PLANNED IN NEXT THREE YEARS None											
10. MISSION OR MAJOR FUNCTIONS Military Dependent Education											
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: None											

. COMPONENT DoDEA		FY 2013 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2012		
3. INSTALLATION AND LOCATION Vogelweh Housing Area, Kaiserslautern, Germany				4. PROJECT TITLE: Replace Vogelweh Elementary School			
5. PROGRAM ELEMENT		6. CATEGORY CODE 730787	7. PROJECT NUMBER EU00034		8. PROJECT COST (\$000) 61,415		
9. COST ESTIMATES							
Item				U/M	Quantity	Unit Cost	Cost (\$000)
<u>PRIMARY FACILITIES</u>							47,036
ELEMENTARY SCHOOL				SF	166,524	274.32	45,681
LEED AND FEDERAL ENERGY ACTS COMPLIANCE				LS			1,355
<u>SUPPORTING FACILITIES</u>							7,628
SPECIAL CONSTRUCTION FEATURES				LS			617
CANOPIES				LS			373
ELECTRICAL UTILITIES				LS			139
WATER/SEWER UTILITIES				LS			182
MECHANICAL UTILITIES				LS			270
SITE PREPARATION				LS			1959
ROADS, SIDEWALKS AND PARKING				LS			932
SITE IMPROVEMENTS				LS			2,936
DEMOLITION				LS			22
AT/FP				LS			198
SUBTOTAL							54,664
CONTINGENCY PERCENT (5%)							<u>2,733</u>
ESTIMATED CONTRACT COST							57,397
SUPERVISION, INSPECTION & OVERHEAD (6.5%)							3,731
ENGINEERING DURING CONSTRUCTION(0.5%)							<u>287</u>
TOTAL REQUEST							61,415
10. DESCRIPTION OF PROPOSED CONSTRUCTION:							
<p>Construct a two story school composed of poured concrete, concrete block/steel structure and stucco/masonry exterior. Also retain and renovate building 124. Interior construction will consist of concrete wall/plaster for common shared areas, neighborhoods, Student Support Areas, Exploratory Learning spaces and buildings services, classrooms restrooms mechanical rooms, meeting rooms, and counseling rooms, interior suspended ceiling with florescent lighting, flooring for neighborhoods, student support areas, and common shared spaces will be vinyl tile, information centers carpet, for student support areas vinyl and carpet, entries, circulation spaces and restrooms ceramic tile or as required to meet functional requirements. Interior spaces neighborhoods, flexible laboratories, occupational and physical therapy, moderate and severe learning impaired areas, guidance counseling and professional development centers; a small performance space medium career and technical education spaces and an information center. The project includes, but not limited to, site improvements such as site development, signage, fencing, paving, exterior lighting, utilities, covered walkways and landscaping. Interior spaces include neighborhoods, information center, flex labs, gymnasium, supply areas, specialist rooms, art room, learning impaired rooms, teacher work rooms, counseling areas, storage, administrative offices, multipurpose room/kitchen and other required areas for a fully functioning elementary/high school. The cafeteria, gymnasium, food service and information center areas are included. Enrollment will be realigned between the two Kaiserslautern elementary schools. The project includes related infrastructure such as, but not limited to, parking areas, mechanical rooms, water, sewer, electrical, delivery areas, and playgrounds. Sustainable principles will be maximized in the design, development and construction of the project in accordance with Executive Order 13123 and other applicable laws and executive orders. Energy conservation and environmentally safe measures will be incorporated in this project wherever feasible, practical or required by regulation. Energy and natural resource conservation measures will be maximized in the design to the extent possible. In accordance with Leadership in Energy</p>							

. COMPONENT DoDEA		FY 2013 MILITARY CONSTRUCTION PROJECT DATA		2. Date February 2012	
3. INSTALLATION AND LOCATION Vogelweh Housing Area, Kaiserslautern, Germany			4. PROJECT TITLE: Replace Vogelweh Elementary School		
5. PROGRAM ELEMENT		6. CATEGORY CODE 730787	7. PROJECT NUMBER EU00034	8. PROJECT COST (\$000) 61,415	
<p>and Environmental Design (LEED) for Schools, Silver certifiable (OCONUS) will be the minimum goal of the project.</p> <p>Facilities will be designed in accordance with DoDEA Education Facilities Specifications, Americans with Disabilities Act (ADA) Accessibility Guidelines/Architectural Barriers Act (ABA), National Fire Protection Association (NFPA) Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, and energy and water conservation standards.</p> <p>Air Conditioning Load: Estimated at 25 Tons</p>					
<p>11. REQUIREMENT: 166,524 SF ADQT: 0 SUBSTD: 132,771:</p> <p><u>PROJECT:</u> Replace the existing Vogelweh elementary school by constructing a new elementary school.</p> <p><u>REQUIREMENT:</u> The new school is required to provide adequate academic facilities for 655 students in grades PS-5. School population based on SY2009-2010.</p> <p><u>CURRENT SITUATION:</u> The existing Vogelweh Elementary School consists of four separate buildings constructed in 1955 (Bldg 1178), 1960 (Bldgs 1032 and 1033), and 2003 (Bldg 01179). The buildings constructed between 1955 through 1971 have “failing” facility condition ratings, meaning it is more economical in the long term to replace these facilities rather than paying maintenance and repair costs. Additionally, undersized classrooms and the current number and layouts of the facilities have resulted in the loss of academic operational efficiencies and fail to meet the standards of the DoDEA 21st Century Education Facilities Specifications. Aging building systems result in excessive maintenance costs and interrupt school operations. There are numerous NFPA Life Safety (e.g. inadequately sized stairwells) problems and ADA code violations and no fire suppression systems, as the facilities were constructed under different code requirements. Bathrooms and plumbing are in severe need of replacement. The facilities do not meet construction standards for energy efficiency. The existing facilities do not meet AT/FP guidelines. Due to site restrictions, replacement of these facilities cannot be accomplished on the present site. A new site has been identified.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The continued use of multiple inadequate and undersized facilities will continue to impair the overall educational program for students. If new facilities are not provided, the substandard environment will continue to hamper student education, motivation and inspiration. The current facilities will not be able to support a 21st Century Curriculum and DoD’s energy savings and sustainability initiatives. Yearly maintenance and utility costs will continue to compound and interrupt school operations. The school facilities cannot be economically modified to meet NFPA Life Safety and ADA guidelines without significant remodeling, expansion, and new construction. The combining of Kaiserslautern ES and Vogelweh ES students populations will evenly distribute the total projected K-5 student load of approximately 1310 children for the Kaiserslautern area, and result in better consolidated education and service opportunities for the students, and increased efficiencies and economies of scale in operations, maintenance, and staffing. Vogelweh Elementary School is currently a Q3 rating and will diminish greatly over the next few years. Outdated, failing, and in need of repair/replacement are fire alarm, electrical and heating systems.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plans and all AT/FP measures are included to meet current standards (EUCOM OPORD 08-01 and UFC 4-010-01</p>					

. COMPONENT DoDEA		FY 2013 MILITARY CONSTRUCTION PROJECT DATA		2. Date February 2012	
3. INSTALLATION AND LOCATION Vogelweh Housing Area, Kaiserslautern, Germany			4. PROJECT TITLE: Replace Vogelweh Elementary School		
5. PROGRAM ELEMENT		6. CATEGORY CODE 730787	7. PROJECT NUMBER EU00034	8. PROJECT COST (\$000) 61,415	
<p>Economic Alternatives:</p> <p>All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.</p> <p><u>JOINT USE CERTIFICATION:</u></p> <p>This facility can be used by other components on an "as available" basis; however, the scope of the project is based on DoDEA requirements.</p> <p>DODEA POC: (703) 588-3509</p>					
<p>12. Supplemental Data:</p> <p>Site Approval: Yes <input checked="" type="checkbox"/> Obtained Date: August 12, 2010 No <input type="checkbox"/> Expected Date:</p> <p>Issues: (state no issue or explain the issue)</p> <ol style="list-style-type: none"> DDESAB, AICUZ, Airfield, EMR, or wetlands – No Issue Endangered species/sensitive habitat – No Issue Air quality – No Issue Cultural/archeological resources – No Issue Clearing of trees – Site is heavily forested. Tree removal will be coordinated with the German Forestmeister by the Base Civil Engineer. Known contamination at selected site – No Issue Operational problems – No Issue Traffic patterns impact – No Issue Existing utilities upgrade – No utilities currently on site, but adjacent to the location. Ordnance sweep required prior to construction - Secondary Services <p>Planning: Consistent with Installation Master Plan: Yes</p> <p>Host Nation Approval: NR</p> <p>NEPA Documentation Complete: NR Level of NEPA: (pick one) Categorical Exclusion, Environmental Assessment, Environmental Impact Statement, Memorandum of Negative Decision</p> <p>Mitigation Issues:</p> <ol style="list-style-type: none"> Wetlands replacement/enhancement – N Hazardous Waste – N Contaminated soil/water – N Other – N <p>A. Design Data (Estimated):</p> <p>(1) Status: (a) Design Start Date</p>					

Jan 2012

. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2012
3. INSTALLATION AND LOCATION Vogelweh Housing Area, Kaiserslautern, Germany			4. PROJECT TITLE: Replace Vogelweh Elementary School	
5. PROGRAM ELEMENT	6. CATEGORY CODE 730787	7. PROJECT NUMBER EU00034	8. PROJECT COST (\$000) 61,415	
(b) Parametric Cost Estimate Used to Develop Costs			NONE	
(c) Percent of Design Completed as of 1 Jan 2012			5%	
(d) Expected 35% Design Date			May 2012	
(e) 100% Design Completion Date			Jan 2013	
(f) Type of Design Contract:			Design/Bid/Build	
(2) Basis:				
(a) Standard or Definitive Design - (YES/NO)			NO	
(b) Date Design was Most Recently Used			N/A	
(3) Total Design Cost (c)=(a)+(b) OR (d)+(e):				
(a) Production of Plans and Specifications				
(b) All Other Design Costs				
(c) Total Design Cost			\$7,686	
(d) Contract			\$4612	
(e) In-house			\$3074	
(4) Construction Contract Award Date			Apr 2013	
(5) Construction Start Date			May 2013	
(6) Construction Completion Date			Apr 2015	
B. Equipment associated with this project which will be provided from other appropriations:				
Equipment	Procuring	Fiscal Year	Appropriated	Cost
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Or Requested</u>		<u>(\$000)</u>
Furnishings	O&M	2015		1,047
Kitchen	O&M	2015		10
IT	O&M	2015		462
Education Supplies	O&M	2015		22
Safety Equipment	O&M	2015		5
Security Equipment	O&M	2015		1

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROGRAM						2. Date February 2012			
3. Installation and Location Wiesbaden, Germany			4. COMMAND DoDEA			5. AREA CONSTRUCTION COST INDEX 1.26				
6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 SEP 2011						632				632
b. END FY 2015						655				655
7. INVENTORY DATA (\$000)										

TOTAL ACREAGE	0
INVENTORY TOTAL AS OF	0
AUTHORIZATION NOT YET IN INVENTORY.....	0
AUTHORIZATION REQUESTED IN THIS PROGRAM.....	52,178
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....	0
PLANNED IN NEXT THREE PROGRAM YEARS.....	0
REMAINING DEFICIENCY.....	0
GRAND TOTAL.....	52,178

8. PROJECTS REQUESTED IN THIS PROGRAM					
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>DESIGN START</u>	<u>STATUS COMPLETE</u>
73046	Addition Wiesbaden High School	102,236 SF	52,178	Jan 12	Apr 15

9. FUTURE PROJECTS
a. INCLUDED IN FOLLOWING PROGRAM New Hainerberg Elementary School FY14 New Wiesbaden Middle School FY14
b. PLANNED IN NEXT THREE YEARS None

10. MISSION OR MAJOR FUNCTIONS Military Dependent Education
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11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: None
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1. COMPONENT DoDEA		FY 2013 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2012		
3. INSTALLATION AND LOCATION Wiesbaden, Germany				4. PROJECT TITLE: Wiesbaden High School Addition			
5. PROGRAM ELEMENT		6. CATEGORY CODE 73046	7. PROJECT NUMBER EU00043	8. PROJECT COST (\$000) 52,178			
9. COST ESTIMATES							
Item				U/M	Quantity	Unit Cost	Cost (\$000)
<u>PRIMARY FACILITIES</u>							38,960
WIESBADEN HIGH SCHOOL ADDITION				SF	102,236	300.96	30,769
LEED AND FED ENERGY ACTS COMPLIANCE				LS			908
ANTITERRORISM (AT/FP) MEASURES				LS			454
SPECIAL COSTS (TEMPORARY FACILITIES)				LS			6,829
<u>SUPPORTING FACILITIES</u>							7,482
CANOPIES				LS			289
ELECTRICAL UTILITIES				LS			352
WATER/SEWER UTILITIES				LS			472
MECHANICAL UTILITIES				LS			657
SITE PREPARATION				LS			738
ROADS, SIDEWALKS AND PARKING				LS			1393
SITE IMPROVEMENTS				LS			1,968
ATFP				LS			436
DEMOLITION				SF	67,081	18	1,177
SUBTOTAL				LS			46,442
CONTINGENCY PERCENT (5%)				LS			<u>2,322</u>
ESTIMATED CONTRACT COST				LS			48,764
SUPERVISION, INSPECTION & OVERHEAD (6.5%)				LS			3,170
ENGINEERING DURING CONSTRUCTION (EDC) (0.5%)				LS			<u>244</u>
TOTAL REQUEST							52,178
10. DESCRIPTION OF PROPOSED CONSTRUCTION:							
<p>Construct a two story school composed of poured concrete, reinforced concrete/steel structure and stucco/masonry exterior. Interior construction will consist of concrete wall/plaster for common shared areas, neighborhoods, Student Support Areas, Exploratory Learning Spaces, and building services, interior suspended ceiling with fluorescent lighting, flooring for neighborhoods, Student support areas and common shared spaces will be vinyl tile, information centers carpet, for student support areas vinyl and carpet, entries, circulation spaces and, restrooms ceramic tile or as required to meet functional requirements. Interior spaces consist of neighborhoods, Flexible Laboratories, Occupational and Physical Therapy, moderate and severe learning impaired areas; Guidance Counseling and Professional Development Centers; a small performance space, medium Career and Technical Education spaces and an Information Center. The project includes site improvements such as signage, fencing, paving, drainage, landscaping, covered walkways, exterior lighting, and utilities for bus loading and unloading areas, student drop-off areas, parking for staff and visitors, and delivery areas.</p> <p>The project includes related infrastructure such as the construction of temporary classroom facilities, water, sewer, electrical, student drop-off areas, parking for staff and visitors, and community road relocation due to project efforts. The project will require the demolition of buildings 07773, 07773A, 07774 and 7880 for a total of 67,081 SF (6,241 SM), detailed as follows:</p>							

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2012												
3. INSTALLATION AND LOCATION Wiesbaden, Germany			4. PROJECT TITLE: Wiesbaden High School Addition													
5. PROGRAM ELEMENT	6. CATEGORY CODE 73046	7. PROJECT NUMBER EU00043	8. PROJECT COST (\$000) 52,178													
<p>DEMO Table</p> <table border="1"> <thead> <tr> <th>Bldg#</th> <th>Area SF/(SM)</th> </tr> </thead> <tbody> <tr> <td>07773</td> <td>32,055 (2,987 SM)</td> </tr> <tr> <td>07773A</td> <td>4,542 (422 SM)</td> </tr> <tr> <td>07774</td> <td>28,094 (2,610 SM)</td> </tr> <tr> <td>7880</td> <td>2,390 (222 SM)</td> </tr> <tr> <td>Total</td> <td>67081 (6241 SM)</td> </tr> </tbody> </table> <p>Due to site constraints, the new structure will overlay the current identified permanent facilities scheduled for demolition as no other viable site is available. An estimated thirteen (13) temporary classrooms are initially required to accommodate the demolition of these permanent buildings and will be used for the duration of construction. Construction for the new and temporary facilities is within an identified established military housing area. A new permanent road section, re-routing school buses, is required so as to have minimal impact upon the housing residents residing in the affected community area.</p> <p>Sustainable principles will be maximized in the design, development and construction of the project in accordance with Executive Order 13123 and other applicable laws and executive orders. Energy conservation and environmentally safe measures will be incorporated in this project wherever feasible, practical or required by regulation. Energy and natural resource conservation measures will be maximized in the design to the extent possible. In accordance with Leadership in Energy and Environmental Design (LEED) for Schools, Silver certifiable for OCONUS areas will be the minimum goal of the project.</p> <p>Facilities will be designed in accordance with DoDEA 21st Century Education Facilities Specifications, Antiterrorism/Force Protection Construction standards, Americans with Disabilities Act (ADA) Accessibility Guidelines/Architectural Barriers Act (ABA), National Fire Protection Association (NFPA) Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, energy conservation standards, and energy and water conservation standards. and U.S. federal environmental laws and regulations.</p> <p>Air Conditioning Load: Estimated at 35 Tons</p>					Bldg#	Area SF/(SM)	07773	32,055 (2,987 SM)	07773A	4,542 (422 SM)	07774	28,094 (2,610 SM)	7880	2,390 (222 SM)	Total	67081 (6241 SM)
Bldg#	Area SF/(SM)															
07773	32,055 (2,987 SM)															
07773A	4,542 (422 SM)															
07774	28,094 (2,610 SM)															
7880	2,390 (222 SM)															
Total	67081 (6241 SM)															
<p>11. REQUIREMENT: 102,236 SF ADQT: 76,450 SF SUBSTD: 67,081 SF</p> <p><u>PROJECT:</u></p> <p>Addition to the Wiesbaden High School facility.</p> <p><u>REQUIREMENT:</u></p> <p>The addition is required to provide adequate academic facilities for 655 students in grades 9-12. School population based on SY2009-2010.</p> <p><u>CURRENT SITUATION:</u></p> <p>The existing facilities were built in 1955 (Bldg 7773 & Bldg 7773A), 1961 (Bldg 7774) and 1983 (Bldg 7880) respectively, and have "failing" facility condition ratings, meaning it is more economical in the long term to replace the facilities rather than paying maintenance and repair costs and they do not meet 21st Century Education Facilities Specifications. Additionally, undersized classrooms and the current layout of the facility reduces efficiencies and fail to meet the standards of the DoDEA Education Facilities Specifications. Aging building systems result in excessive maintenance costs and interrupt school operations. There are numerous ADA code and NFPA Life Safety violations including no fire suppression systems, as these facilities were constructed under different code requirements. Bathrooms and plumbing are in severe need of replacement. The facilities do not meet construction standards for energy efficiency. The existing facilities also do not meet AT/FP guidelines.</p> <p>An FY2008 MILCON Project provided a Gymnasium, Academic Classrooms and a FY 2010 MILCON project renovated</p>																

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2012
3. INSTALLATION AND LOCATION Wiesbaden, Germany			4. PROJECT TITLE: Wiesbaden High School Addition	
5. PROGRAM ELEMENT	6. CATEGORY CODE 73046	7. PROJECT NUMBER EU00043	8. PROJECT COST (\$000) 52,178	

and added on the Multipurpose Room. Construction has been phased due to MILCON Projects being constructed on the same site as the existing school. Current request addresses existing shortfalls of academic facility requirements to meet 21st Century needs.

IMPACT IF NOT PROVIDED:

The continued use of inadequate and undersized facilities will continue to impair the overall educational program for students. If new facilities are not provided, the substandard environment will continue to hamper student education, motivation and inspiration. The current facilities will not be able to support a 21st Century Curriculum and DoD's energy savings and sustainability initiatives. Yearly maintenance and utility costs will continue to compound and interrupt school operations.

The existing facilities remain inadequate, with over-aged utilities and facilities, aging materials, and do not meet current force protection standards for the safety and protection of the students. The school is undersized and cannot be economically modified to meet NFPA Life Safety and ADA guidelines without significant remodeling, expansion, and new construction. Wiesbaden High School is currently a Q3 rating and will diminish greatly over the next few years. Outdated, failing, and in need of repair/replacement are mechanical, electrical, and Life Safety systems.

ADDITIONAL:

This project has been coordinated with the installation physical security plans and all AT/FP measures are included to meet current standards (EUCOM OPORD 08-01 and UFC 4-010-01).

The use of temporary classroom facilities will be included to accommodate the phased demolition of buildings.

The site is pending approval by the Installation Planning Board, the Region Director and the Garrison Commander.

Economic Alternatives:

All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

JOINT USE CERTIFICATION:

This facility can be used by other components on an "as available" basis; however, the scope of the project is based on DoDEA requirements.

DODEA POC: (703) 588-3509

12. Supplemental Data:

Site Approval: Yes Obtained Date:
No Expected Date: 31 Jan 2012

Issues: (state no issue or explain the issue)

- a. DDESAB, AICUZ, Airfield, EMR, or wetlands - No issue
- b. Endangered species/sensitive habitat – No issue
- c. Air quality – No issue
- d. Cultural/archeological resources – No issue
- e. Clearing of trees – IAW German Environmental Laws regarding Vegetation and Tree Growth
- f. Known contamination at selected site – No issue
- g. Operational problems – Construction will be on existing school site, temporary classrooms required
- h. Traffic patterns impact – Rerouting of existing road network for bus operations to minimize community impact.
- i. Existing utilities upgrade – Existing transformer upgrade anticipated to meet new and future power requirements.
- j. Ordnance sweep required prior to construction – No issue

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2012
3. INSTALLATION AND LOCATION Wiesbaden, Germany			4. PROJECT TITLE: Wiesbaden High School Addition	
5. PROGRAM ELEMENT	6. CATEGORY CODE 73046	7. PROJECT NUMBER EU00043	8. PROJECT COST (\$000) 52,178	

Planning:

Consistent with Installation Master Plan: Yes

Host Nation Approval: Country, date of approval if applicable – No waivers required for this project. Approvals required by local Governmental regulation will be met during the design by the Hessische Bau Management (HBM).

National Capital Region Approval: Date of approval, if applicable – N/A

NEPA Documentation Complete: N/A

Level of NEPA: N/A

Memorandum of Negative Decision – N/A

Mitigation Issues:

- a. Wetlands replacement/enhancement –N
- b. Hazardous Waste –N
- c. Contaminated soil/water –N
- d. Other – Y – Asbestos Abatement anticipated during demolition of existing facilities.
- e. Other – Y or N - Y – Asbestos Abatement anticipated during demolition of existing facilities.

A. Design Data (Estimated):

(1) Status:

- (a) Design Start Date Jan 2012
- (b) Parametric Cost Estimate Used to Develop Costs Yes
- (c) Percent of Design Completed as of 1 Jan 2012 15%
- (d) Expected 35% Design Date May 2012
- (e) 100% Design Completion Date Jan 2013
- (f) Type of Design Contract: Design/Bid/Build

(2) Basis:

- (a) Standard or Definitive Design - (YES/NO) NO
- (b) Date Design was Most Recently Used N/A

(3) Total Design Cost (c)=(a)+(b) OR (d)+(e): (\$000)

- (a) Production of Plans and Specifications
- (b) All Other Design Costs
- (c) Total Design Cost 4,889
- (d) Contract 2,933
- (e) In-house 1,956

- (4) Construction Contract Award Date Apr 2013
- (5) Construction Start Date May 2013
- (6) Construction Completion Date Apr 2015

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)
Furnishings	O&M	2015	771
Kitchen	O&M	2015	37
IT	O&M	2015	560

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2012
3. INSTALLATION AND LOCATION Wiesbaden, Germany			4. PROJECT TITLE: Wiesbaden High School Addition	
5. PROGRAM ELEMENT	6. CATEGORY CODE 73046	7. PROJECT NUMBER EU00043	8. PROJECT COST (\$000) 52,178	
Education Supplies	O&M	2015	647	
Safety Equipment	O&M	2015	5	
Security Equipment	O&M	2015	29	

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROGRAM						2. Date February 2012			
3. Installation and Location Kadena Air Base, Japan			4. COMMAND DoDEA			5. AREA CONSTRUCTION COST INDEX 1.51				
6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 SEP 2011						1,729				1,729
b. END FY 2015						1,662				1,662
7. INVENTORY DATA (\$000)										

TOTAL ACREAGE	0
INVENTORY TOTAL AS OF	0
AUTHORIZATION NOT YET IN INVENTORY	0
AUTHORIZATION REQUESTED IN THIS PROGRAM.....	143,545
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....	0
PLANNED IN NEXT THREE PROGRAM YEARS.....	0
REMAINING DEFICIENCY.....	0
GRAND TOTAL.....	143,545

8. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN START	STATUS COMPLETE
730787	Replace Elementary School (Bob Hope & Amelia Earhart)	194,692 SF	\$71,772	Oct 2011	Jun 2015
730787	Replace Stearley Heights Elementary School	175,931 SF	\$71,773	Oct 2011	Aug 2015

9. FUTURE PROJECTS

- a. INCLUDED IN FOLLOWING PROGRAM
Replace Kadena Middle School, Kadena Air Base
- b. PLANNED IN NEXT THREE YEARS
Replace Kadena Elementary School, Kadena Air Base
Replace/Renovate Kadena High School, Kadena Air Base

10. MISSION OR MAJOR FUNCTIONS
Military Dependent Education

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:
None

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2012	
3. INSTALLATION AND LOCATION Kadena Air Base, Japan			4. PROJECT TITLE: Replace Elementary School (Bob Hope & Amelia Earhart)		
5. PROGRAM ELEMENT	6. CATEGORY CODE 730787	7. PROJECT NUMBER PA00033	8. PROJECT COST (\$000) \$71,772		
9. COST ESTIMATES					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
<u>PRIMARY FACILITIES</u>					47,722
Elementary School		SF	194,692	231	(44,974)
LEED & EPACT Compliance		LS	1	-	(2,748)
<u>SUPPORTING FACILITIES</u>					15,863
Special Foundation Features		LS	1	-	(5,125)
Canopies		LS	1	-	(710)
Electrical Utilities		LS	1	-	(1,325)
Water/Sewer Utilities		LS	1	-	(378)
Mechanical Utilities		LS	1	-	(68)
Site Preparation		LS	1	-	(989)
Roads, Sidewalks and Parking		LS	1	-	(2,004)
Site Improvements		LS	1	-	(3,522)
Anti-Terrorism/Force Protection (AT/FP)		LS	1	-	(441)
Low Impact Development		LS	1	-	(456)
Environmental Mitigation		LS	1	-	(845)
SUBTOTAL					63,585
CONTINGENCY PERCENT (5.0%)					3,179
ESTIMATED CONTRACT COST					66,764
SUPERVISION & ADMINISTRATION (6.5%)					4,340
ENGINEERING DURING CONSTRUCTION (1%)					668
TOTAL PROJECT COST					71,772
10. DESCRIPTION OF PROPOSED CONSTRUCTION:					
<p>This project is to construct a new, two story Elementary School (ES) composed of reinforced concrete and steel with a pile foundation system. The interior construction will primarily consist of partition and/or reinforced concrete walls with resilient flooring. The project includes site improvements such as asphaltic concrete paving, sidewalks, covered walkway, curbs, gutters, storm drainage, parking, parent drop off and pick-up area, bus drop off and pick-up area, loading/unloading area, playground, play courts, play lots, signage, fencing, landscaping, fire lane/service road, and site/security lighting. The new school will include spaces as defined by the educational specifications such as but not limited to neighborhoods containing learning studios, learning hubs, group learning/virtual learning, one-to-one teaching spaces, staff planning/collaboration areas and instructional storage; Administration areas, miscellaneous offices, Guidance counseling center, Special education offices, Professional development center, Health services, Flexible labs, Art and Music rooms, OT/PT area, Commons, Information center, Theater/auditorium, Gym, Food service/kitchen, Recycling center, Janitorial administration, maintenance support, School supply/storage, Technology service center, and other required areas for a fully functioning ES. Cafeteria, food service and information center areas</p>					

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2012
3. INSTALLATION AND LOCATION Kadena Air Base, Japan		4. PROJECT TITLE: Replace Elementary School (Bob Hope & Amelia Earhart)		
5. PROGRAM ELEMENT	6. CATEGORY CODE 730787	7. PROJECT NUMBER PA00033	8. PROJECT COST (\$000) \$71,772	
<p>are included. AT/FP features include: windows and frame, exterior doors, air intakes, structural isolation, roof access, emergency air distribution shutoff, and Mass Notification System. Site AT/FP features include drop arm gate and retractable bollards with concrete foundations. 25 m (82 ft) standoff to parking and roadways will be required for all buildings, which fall under the Primary Gathering Facility classification.</p> <p>The project includes related infrastructure utilities including water, sewer, communication, cable television, and electrical, to support the facilities. Heating, Ventilation and Air Conditioning (HVAC), fire sprinkler and fire alarm/mass notification systems, plumbing systems, electrical and lighting systems, closed circuit TV system, cable TV system, intercom/public address system, clock-bell system, telephone system, and a local area network system will be part of the project. The school will incorporate advanced communication systems to support technology program requirements, as well as general communications. The new telecommunication and cable television infrastructure shall be provided. New fiber optic cables must be provided from Building 400 to the project site utilizing the existing telecommunication infrastructure. Existing copper communication cables for the housing area shall be disconnected and removed. New electrical service shall be provided. The existing electrical service shall be demolished upon completion of the new building. Existing roadway with curb and gutter are to be demolished as part of this project along with other miscellaneous site elements to clear site for the new school facilities.</p> <p>Sustainable principles will be maximized in the design, development and construction of the project in accordance with Executive Order 13123 and other applicable laws and executive orders. Energy conservation and environmentally safe measures will be incorporated in this project wherever feasible, practical or required by regulation. Energy and natural resource conservation measures will be maximized in the design to the extent possible. In accordance with Leadership in Energy and Environmental Design (LEED) for Schools, Silver certifiable will be the minimum goal of the project..</p> <p>Facilities will be designed in accordance with DoDEA 21st Century Education Facilities Specifications, Americans with Disabilities Act (ADA) Accessibility Guidelines/Architectural Barriers Act (ABA), National Fire Protection Association (NFPA) Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, energy and water conservation standards. Energy conservation standards will be required to follow both U.S Federal and Japanese Environmental Laws and Regulations. The Japan environmental governing standards will be followed during the site removal and restorations. Also, radon mitigation system will be required to be constructed as part of the building.</p> <p>Air Conditioning: Load: 2,054 kW (584 Tons)</p>				
11. REQUIREMENT: : 194,692 SF ADQT: 0 SUBSTD: 167,291				
<p><u>PROJECT:</u> Replace the existing elementary schools with a new, consolidated elementary school.</p> <p><u>REQUIREMENT:</u> The new school is required to provide adequate academic facilities to accommodate 842 students, Pre-K through 5th grade and support present curriculums selected for that age group.</p> <p><u>CURRENT SITUATION:</u> Amelia Earhart Intermediate and Bob Hope Primary Schools were both constructed in 1980 under the Japanese Facilities Improvement Program and do not meet 21st Century Education Facilities Specifications. The schools consist of a series of two-story buildings constructed out of concrete. Modular building 9480-1 that was built in 1995 for additional space for both schools had severe structural deterioration and was demolished in FY11 after severe typhoon damage. This resulted in a loss of 6 classrooms for BHPS. Modular building 9480-2, built in 2000 for additional space for both schools has severely corroded structural members and framing that require immediate repair. Modular building 9480-2 is operating under a fire protection Operational Risk Management (ORM) constraint because the Authority Having Jurisdiction (AHJ) has given them a Fire Services Department (FSD) rating of 1, which means the buildings are highly susceptible to combustion. The restrooms have stained plumbing fixtures and missing ceramic tiles. Toilet partitions are degraded and in need of replacement. Piping is 20 years old and fixtures are in need</p>				

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2012
3. INSTALLATION AND LOCATION Kadena Air Base, Japan			4. PROJECT TITLE: Replace Elementary School (Bob Hope & Amelia Earhart)	
5. PROGRAM ELEMENT	6. CATEGORY CODE 730787	7. PROJECT NUMBER PA00033	8. PROJECT COST (\$000) \$71,772	
<p>of replacement and provide with water efficient fixtures. Emergency lights do not meet current US code. Public Address, clocks, and bell system is degraded and requires replacement. All casework is in need of replacement as doors and handles are coming off. Existing electrical branch circuits are not enough to provide the electrical needs of the school and a power upgrade is required. Windows are single pane and leak during typhoons. Floor finishes are reaching the end of their useful life. Past roof leaks have left ceiling tile stained and dirty. There are no visible fire alarm strobes. The school has the Japanese fire hoses and is otherwise not sprinklered. Both schools were built under the Japanese Facilities Improvement Program (JFIP) in 1980 and no longer have the electrical infrastructure to support the computer and electronic requirements.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The current facilities are undersized, do not meet the functional teaching space requirements and therefore are not suitable for the programs they serve. Yearly maintenance and utility costs will continue to compound and interrupt school operations. The loss of Modular bldg 9480-1 has decrease the size of the school by 6 classrooms. Modular buildings have a life expectancy of 15 years. Bldg 9480-2 will need to be demolished and both buildings rebuilt using O&M money. With the current yen to dollar exchange replacement cannot be accomplished with O&M money. These deficiencies are costly to rectify and the consolidation of multiple buildings into several modern facilities will result in significant annual cost savings. Bob Hope Primary School is currently a Q3 rating and will diminish greatly over the next few years. Outdated, failing, and in need of repair/replacement are exterior doors, intercom PA, electrical branch circuits, casework, exit lights, plumbing fixtures and piping, interior doors, exterior windows, fire alarm system, specialties, and floor finishes. Amelia Earhart Intermediate School is currently a Q3 rating and also will diminish in quality over the next few years if major and costly repairs are not completed. Outdated, failing, and in need of repair/replacement are emergency lights, intercom PA, branch circuits, casework, exit lights, fire alarm system, Plumbing fixtures and piping, floor finishes, exterior windows, interior doors, and specialties.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plans and all AT/FP measures are included. Economic Alternatives: All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.</p> <p><u>JOINT USE CERTIFICATION:</u> This project can be used by other components on an “as available” basis; however, the scope of the project is based on DoDEA requirements. DODEA POC: (703) 588-3509</p>				
<p>12. Supplemental Data:</p> <p>Site Approval: Yes <input type="checkbox"/> Obtained Date:</p> <p style="padding-left: 150px;">No <input checked="" type="checkbox"/> Expected Date: Jan 2012</p> <p>Issues: (state no issue or explain the issue)</p> <ol style="list-style-type: none"> a. DDESAB, AICUZ, Airfield, EMR, or wetlands no issue b. Endangered species/sensitive habitat no issue c. Air quality no issue d. Cultural/archeological resources no issue e. Clearing of trees, trees required to be cleared f. Known contamination at selected site no issue g. Operational problems, no issue h. Traffic patterns impact, no issue i. Existing utilities upgrade, no issue 				

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2012	
3. INSTALLATION AND LOCATION Kadena Air Base, Japan			4. PROJECT TITLE: Replace Stearley Heights Elementary School		
5. PROGRAM ELEMENT	6. CATEGORY CODE 730787	7. PROJECT NUMBER PA00025	8. PROJECT COST (\$000) \$71,773		
9. COST ESTIMATES					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
<u>PRIMARY FACILITIES</u>					46,219
Elementary School		SF	175,931	247	(43,455)
LEED & EPACT Compliance		LS	1	-	(2,764)
<u>SUPPORTING FACILITIES</u>					17,367
Special Foundation Features		LS	1	-	(4,538)
Canopies		LS	1	-	(1,025)
Electrical Utilities		LS	1	-	(1,159)
Water/Sewer Utilities		LS	1	-	(1,436)
Mechanical Utilities		LS	1	-	(372)
Site Preparation		LS	1	-	(1,437)
Roads, Sidewalks and Parking		LS	1	-	(1,541)
Site Improvements		LS	1	-	(1,950)
Demolition		SF	58,444	28	(1,686)
Anti-Terrorism/Force Protection (AT/FP)		LS	1	-	(491)
Low Impact Development		LS	1	-	(947)
Environmental Mitigation		LS	1	-	(785)
SUBTOTAL					63,586
CONTINGENCY PERCENT (5%)					3,179
ESTIMATED CONTRACT COST					66,765
SUPERVISION & ADMINISTRATION (6.5%)					4,340
ENGINEERING DURING CONSTRUCTION (1%)					668
TOTAL PROJECT COST					71,773
10. DESCRIPTION OF PROPOSED CONSTRUCTION:					
<p>This project is to construct a new, two-story Elementary School (ES) composed of reinforced concrete and steel with a pile foundation system. The interior construction will primarily consist of partition and/or reinforced concrete walls with resilient flooring. The project includes site improvements such as: asphaltic concrete paving, sidewalks, covered walkway, curbs, gutters, storm drainage, parking, parent drop off and pick-up area, bus drop off and pick-up area, loading/unloading area, playground, play courts, play lots, signage, fencing, landscaping, fire lane/service road, and site/security lighting. The new school will include spaces as defined by the educational specifications such as but not limited to neighborhoods containing learning studios, learning hubs, group learning/virtual learning, one-to-one teaching spaces, staff planning/collaboration areas and instructional storage; Administration areas, miscellaneous offices, Guidance counseling center, Special education offices, Professional development center, Health services, Flexible labs, Art and Music rooms, OT/PT area, Commons, Information center, Theater/auditorium, Gym, Food service/kitchen, Recycling center, Janitorial administration, maintenance support, School supply/storage, and Technology service center, and other required areas for a fully functioning ES. Cafeteria, food service and information</p>					

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2012
3. INSTALLATION AND LOCATION Kadena Air Base, Japan			4. PROJECT TITLE: Replace Stearley Heights Elementary School	
5. PROGRAM ELEMENT	6. CATEGORY CODE 730787	7. PROJECT NUMBER PA00025	8. PROJECT COST (\$000) \$71,773	

center areas included. AT/FP features include: windows and frame, exterior doors, air intakes, structural isolation, roof access, emergency air distribution shutoff, and Mass Notification System. Site AT/FP features include drop arm gate and retractable bollards with concrete foundations. 25 m (82 ft) standoff to parking and roadways will be required for all buildings, which fall under the Primary Gathering Facility classification.

The project includes related infrastructure utilities including water, sewer, communication, cable television, and electrical, to support the facilities. Heating, Ventilation and Air Conditioning (HVAC), fire sprinkler and fire alarm/mass notification systems, plumbing systems, electrical and lighting systems, closed circuit TV system, cable TV system, intercom/public address system, clock-bell system, telephone system, and a local area network system will be part of the project. The school will incorporate advanced communication systems to support technology program requirements, as well as general communications. The project to provide related utilities infrastructure including water, sewer, communication, cable television, and electrical, to support the facilities. The new telecommunication and cable television infrastructure will be provided. The existing telecommunication and cable television service shall be demolished upon completion of the new building. New electrical service shall be provided. The existing electrical service shall be demolished upon completion of the new building.

Existing Schools on the campus and associated structures including chiller yard, aboveground water storage tank, transformer station are to be demolished as part of this project along with the basketball courts, a playground and other miscellaneous site elements to clear site for the new school facilities. Existing School Buildings to be demolished as part of this project:

Building #	Square Footage
2261	34,520
2279	13,444
T2261-1	5,160
T2261-2	4,947
2287	260
2289	113
Total	58,444

Construction phasing will be required for this project to keep the existing school operational until the new school buildings are constructed.

Sustainable principles will be maximized in the design, development and construction of the project in accordance with Executive Order 13123 and other applicable laws and executive orders. Energy conservation and environmentally safe measures will be incorporated in this project wherever feasible, practical or required by regulation. Energy and natural resource conservation measures will be maximized in the design to the extent possible. In accordance with Leadership in Energy and Environmental Design (LEED) for Schools, Silver certifiable will be the minimum goal of the project.

Facilities will be designed in accordance with DoDEA 21st Century Education Facilities Specifications, Americans with Disabilities Act (ADA) Accessibility Guidelines/Architectural Barriers Act (ABA), National Fire Protection Association (NFPA) Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, energy and water conservation standards. Energy conservation standards will be required to follow both U.S Federal and Japanese Environmental Laws and Regulations. The Japan environmental governing standards will be followed during the site removal and restorations. Project shall include environmental mitigation for removal of previously identified asbestos and/or lead-based paint containing materials located in the existing elementary school prior to demolition. Also, radon mitigation system will be required to be constructed as part of the building.

Air Conditioning: Load: 1,856kW (528Tons)

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2012
3. INSTALLATION AND LOCATION Kadena Air Base, Japan			4. PROJECT TITLE: Replace Stearley Heights Elementary School	
5. PROGRAM ELEMENT	6. CATEGORY CODE 730787	7. PROJECT NUMBER PA00025	8. PROJECT COST (\$000) \$71,773	
<p>ADDITIONAL: This project has been coordinated with the installation physical security plans and all AT/FP measures are included.</p> <p>ECONOMIC ALTERNATIVES: All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.</p> <p>JOINT USE CERTIFICATION: This project can be used by other components on an "as available" basis; however, the scope of the project is based on DoDEA requirements.</p> <p>DODEA POC: (703) 588-3509.</p>				
<p>12. Supplemental Data:</p> <p>Site Approval: Yes <input checked="" type="checkbox"/> Obtained Date: July 2011 No <input type="checkbox"/> Expected Date:</p> <p>Issues: (state no issue or explain the issue)</p> <p>a. DDESAB, AICUZ, Airfield, EMR, or wetlands no issue b. Endangered species/sensitive habitat, no issue c. Air quality, no issue d. Cultural/archeological resources, may be found on project site e. Clearing of trees, no issue f. Known contamination at selected site, may encounter selected site/hazardous materials consisting of ACM and PCB g. Operational problems, no issue h. Traffic patterns impact, Bus route may be altered i. Existing utilities upgrade, no issue j. Ordnance sweep required prior to construction, no issue</p> <p>Mitigation Issues: a. Wetlands replacement/enhancement –No b. Hazardous Waste –No c. Contaminated soil/water –No d. Soils –The project site is primarily composed of soils and limestone, thus the facilities needs to be supported on a deep foundation system. A pile foundation bearing on bedrock 6m to 9m meters deep is required. Record drawings of existing site shows that bedrock (bearing layer) is distributed between the depths ranging from 6m to 9m deep. e. Technical Operating Manuals (manuals as required for Host Nation personnel who will maintain operational equipment)</p> <p>A. Design Data (Estimated): (1) Status: (a) Design Start Date Oct 2011 (b) Parametric Cost Estimate Used to Develop Costs Yes (c) Percent of Design Completed as of 1 Jan 201_ 0% (d) Expected 35% Design Date Feb 2012 (e) 100% Design Completion Date Jan 2013</p>				

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2012
3. INSTALLATION AND LOCATION Kadena Air Base, Japan			4. PROJECT TITLE: Replace Stearley Heights Elementary School	
5. PROGRAM ELEMENT	6. CATEGORY CODE 730787	7. PROJECT NUMBER PA00025	8. PROJECT COST (\$000) \$71,773	
(f) Type of Design Contract: Design/Bid/Build				
(2) Basis:				
(a) Standard or Definitive Design - (YES/NO)				NO
(b) Date Design was Most Recently Used				N/A
(3) Total Design Cost (c)=(a)+(b) OR (d)+(e):				
(a) Production of Plans and Specifications				
(b) All Other Design Costs				
(c) Total Design Cost				\$5,380
(d) Contract				\$4,708
(e) In-house				\$672
(4) Construction Contract Award Date				Apr 2013
(5) Construction Start Date				May 2013
(6) Construction Completion Date				Aug 2015
B. Equipment associated with this project which will be provided from other appropriations:				
Equipment	Procuring	Fiscal Year	Cost	
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u>	<u>(\$000)</u>	
Furnishings	O&M	FY 15	943	
Kitchen	O&M	FY 15	51	
IT	O&M	FY 15	775	
Education Supplies	O&M	FY 15	597	
Safety Equipment	O&M	FY 15	5	
Security Equipment	O&M	FY 15	40	

1. COMPONENT DoDEA		FY 2013 MILITARY CONSTRUCTION PROGRAM					2. Date February 2012				
3. Installation and Location CFAS, Sasebo, Japan				4. COMMAND DoDEA			5. AREA CONSTRUCTION COST INDEX 1.49				
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			TOTAL
		OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 SEP 2011							250				250
b. END FY 2015							250				250
7. INVENTORY DATA (\$000)											
TOTAL ACREAGE											0
INVENTORY TOTAL AS OF											0
AUTHORIZATION NOT YET IN INVENTORY.....											0
AUTHORIZATION REQUESTED IN THIS PROGRAM.....											35,733
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....											0
PLANNED IN NEXT THREE PROGRAM YEARS.....											0
REMAINING DEFICIENCY.....											0
GRAND TOTAL.....											35,733
8. PROJECTS REQUESTED IN THIS PROGRAM											
<u>CATEGORY CODE</u>		<u>PROJECT TITLE</u>			<u>SCOPE</u>		<u>COST (\$000)</u>	<u>DESIGN START</u>		<u>STATUS COMPLETE</u>	
73061		Replace Elementary School			61,728 SF		35,733	Oct 11		Jun 15	
9. FUTURE PROJECTS											
a. INCLUDED IN FOLLOWING PROGRAM None											
b. PLANNED IN NEXT THREE YEARS FY15 Replace High School, CFAS, Sasebo, Japan											
10. MISSION OR MAJOR FUNCTIONS Military Dependent Education											
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: None											

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2012	
3. INSTALLATION AND LOCATION CFAS, Sasebo, Japan			4. PROJECT TITLE: Replace Sasebo Elementary School		
5. PROGRAM ELEMENT	6. CATEGORY CODE 73061	7. PROJECT NUMBER PA00021	8. PROJECT COST (\$000) \$35,733		
9. COST ESTIMATES					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
<u>PRIMARY FACILITIES</u>					TOTAL
Elementary School		SF	61,728	260	21,527
LEED & EPACT Compliance		LS	1	-	(16,049)
Antiterrorism (ATFP) Measures		LS	1	-	(979)
Special Costs (Temporary Facilities)		LS	1	-	(378)
Special Costs (Communication System)		LS	1	-	(3,996)
					(125)
<u>SUPPORTING FACILITIES</u>					TOTAL
Special Construction Features		LS	1	-	10,130
Canopies		LS	1	-	(2,512)
Electrical Utilities		LS	1	-	(340)
Water/Sewer Utilities		LS	1	-	(821)
Mechanical Utilities		LS	1	-	(361)
Site Preparation		LS	1	-	(62)
Roads, Sidewalks and Parking		LS	1	-	(727)
Site Improvements		LS	1	-	(637)
AT/FP		LS	1	-	(1,818)
Demolition		SF	26,631	26	(383)
Low Impact Development		LS	1	-	(692)
Environmental Mitigation		LS	1	-	(337)
					(1,440)
SUBTOTAL					31,657
CONTINGENCY PERCENT (5.0%)					1,583
ESTIMATED CONTRACT COST (sum of subtotal and contingency)					33,240
SUPERVISION & ADMINISTRATION (6.5%)					2,161
ENGINEERING DURING CONSTRUCTION (1%)					332
TOTAL REQUEST					35,733
10. DESCRIPTION OF PROPOSED CONSTRUCTION:					
<p>This project is to construct a new, three story Elementary School (ES) composed of reinforced concrete and/or steel with a pile foundation system and Exterior Finish System (EFS) will be applied on exterior concrete walls. Roofing system shall be metal roof for sloped roofs and fluid applied waterproof coating system for flat roofs. Exterior doors and windows will be aluminum. The interior construction will primarily consist of partition and/or reinforced concrete walls with resilient flooring or as required to meet functional requirements. Direct or indirect light fixtures will be</p>					

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2012
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5. PROGRAM ELEMENT	6. CATEGORY CODE 73061	7. PROJECT NUMBER PA00021	8. PROJECT COST (\$000) \$35,733	
<p>provided in the classrooms and office spaces. Bi-level lighting controls will be provided in the classrooms. The project includes site improvements such as asphaltic concrete paving, sidewalks, covered walkway, curbs, gutters, storm drainage, parking, parent drop off and pick-up area, bus drop off and pick-up area, loading/unloading area, playground and storage, play courts, play lots, signage, fencing, landscaping, fire lane/service road, and site/security lighting. Interior spaces include: Neighborhoods, Pre-K/SureStart studios, kindergarten studios, common spaces, special education areas, music room, P.E./assembly area/stage, cafeteria with kitchen, compensatory education classroom, emotionally impaired/learning impaired mild/moderate, gifted education, Preschool Children with Disabilities (PSCD), special education office suite, speech language therapy and other required areas for a fully functioning ES. AT/FP features include: glazing and window system, exterior doors, air intakes, structural isolation, roof access, emergency air distribution shutoff, and Mass Notification System. Site AT/FP features include drop arm gate and retractable bollards with concrete foundations or other comparable features. Progressive collapse prevention will be required due to the fact that it will be a 3 story structure. Due to land restraints at CFA Sasebo and the project site, a portion of the Elementary School Building cannot be provided with conventional standoff distances of 45 meters to the controlled perimeter at the east end of the project site, as required for Primary Gathering Facilities. Standoff distance to parking and roadways, meets the required 25 meters (82 ft) for Primary Gathering Facilities. With the reduced standoff to the controlled perimeter, special design provisions will be required for portions of the building inside the 45 meter standoff based on Paragraph B-1.1, of UFC 4-010-01. These provisions will include analysis of building hardening and hardening of the new structure as necessary to mitigate the effects of the explosives indicated in Table B-1 of UFC 4-010-01. Building analysis for hardening will be required during the design stage. Special provisions for: bay size, height between floors, wall thickness, layers of reinforcing steel, column size, roof slab thickness, beam/girder size and window size will need to be considered.</p> <p>The project includes related infrastructure utilities including water, sewer, and electrical, to support the facilities. Heating and air conditioning, fire sprinkler and fire alarm/mass notification systems, closed circuit TV system, cable TV system, intercom/public address system, clock-bell system, telephone system, and a local area network system will be part of the project. The school will incorporate advanced communication systems to support technology program requirements, as well as general communications. The heating and air conditioning system shall be a high efficiency for maximum energy savings to meet LEED and EPACT requirements. The kitchen space will be supported with kitchen hood ventilation, grease interceptor system, and hot water heating. Hot water heating will be provided by a high efficiency heat pump hot water heating system supplemented with solar hot water heating. The kitchen space will be supported with kitchen hood ventilation, kitchen hood fire suppression system, grease interceptor system, and hot water heating.</p> <p>A plaza which runs below a portion of the upper floor of the new Elementary School Building will be required to access the existing High School, due to the new location of the new Elementary School Building, which will block primary access to the High School. The plaza which runs below the new building shall not count against new Elementary School square footage.</p> <p>Existing School Building 1425 (23,769 SF) is to be demolished as part of this project along with the tennis courts (2), a playground and other miscellaneous site elements to clear site for the new school facilities. Relocation of portions of the existing utilities will be required to accommodate new facilities.</p> <p>Existing network server and control panels (which support the entire school campus), existing integrated school systems (personnel emergency alerting system, master clock system, program bell/PA system, fire alarm system and mass notification system), all housed in Building 1425 must be relocated to Building 1665 to maintain and support entire campus operations (elementary, middle and high school) prior to Building 1425 being demolished. New telecommunication infrastructures will be provided from the existing manholes located near the project site to the new Elementary School and to Building 1665. A temporary facility shall also be provided with the integrated school systems. Provide necessary infrastructures and wiring modifications to relocate the network server and integrated school systems from Building 1425 to Building 1665. Due to marginal soil conditions, which show that bedrock</p>				

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<p>not designed for an Elementary School. The building is 40 feet by 190 foot, a four story concrete structure. Since the building's inception, there have been numerous renovations including a renovation of the first floor completed in 2001. Building 1425 and 502 are separated by a public access road, thus students must cross the public street (Kentucky Way), in order to circulate between various school activities, thus, creating a very dangerous situation. Both buildings are outdated and do not conform to DoDEA Education Specification requirements. Classrooms in Building 1425 and 502 are rated Q3 and Q4 respectively under the DoDEA facility condition report, which means they are deemed unsatisfactory under the current guidelines. Despite its numerous renovations, both buildings do not meet current Code and criteria.</p> <p><u>IMPACT IF NOT PROVIDED:</u></p> <p>Current facilities do not support the current curriculum requirements, thus adversely affecting the delivery of cutting edge education programs, such as computer instruction, language arts, gifted education, music instruction and fine arts. If this school is not replaced, the educational programs will continue to be detrimentally impacted by facility limitations. The continued use of inadequate and undersized facility will continue to impair the overall education program for students. If new facilities are not provided, the substandard environment will continue to hamper student education, motivation, and inspiration. The current facility will not be able to support 21st Century Curriculum and DoD's energy savings and sustainability initiatives. Yearly maintenance and utility costs will continue to compound and interrupt school operations.</p> <p>The current facilities are undersized, do not meet the functional teaching space requirements and therefore are not suitable for the programs they serve. The Technology Plan cannot be fully implemented at the school due to a lack of space for adequate computer spaces. The existing HVAC equipment is at the end of its life expectancy and should be replaced. Plumbing fixtures in the restrooms are stained and should be repaired. The existing facility also does not conform to DoD criteria. Multiple buildings do not meet AT/FP requirements. The existing facilities do not meet NFPA Life Safety Code or American with Disability Act (ADA) requirements. These deficiencies are costly to rectify and the consolidation of multiple buildings into several modern facilities will result in significant annual cost savings. Building 1425 is currently a Q3 rating and will diminish greatly over the next few years. Outdated, failing, and in need of repair/replacement are exterior doors, plumbing fixtures, windows, electrical, and fire alarm. Building 502 is currently a Q4 rating and also will diminish in quality over the next few years if major and costly repairs are not completed. The electrical, HVAC, interior doors, toilet partitions, lighting, and plumbing fixtures.</p> <p><u>ADDITIONAL:</u></p> <p>This project has been coordinated with the installation physical security plan and all required AT/FP measures are included.</p> <p>Economic Alternatives:</p> <p>All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.</p> <p><u>JOINT USE CERTIFICATION:</u></p> <p>This project can be used by other components on an "as available" basis; however, the scope of the project is based on DoDEA requirements.</p> <p>DODEA POC: (703) 588-3509</p>				
12. Supplemental Data:				

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<p>Site Approval: Yes <input type="checkbox"/> Obtained Date:</p> <p>No <input checked="" type="checkbox"/> Expected Date: December 2011</p> <p>Issues:</p> <p>a. DDESAB, AICUZ, Airfield, EMR, or wetlands, no issue</p> <p>b. Endangered species/sensitive habitat, no issue</p> <p>c. Air quality, no issue</p> <p>d. Cultural/archeological resources, no issue</p> <p>e. Clearing of trees, no issue</p> <p>f. Known contamination at selected site, may encounter selected site hazardous materials consisting of ACM and PCB</p> <p>g. Operational problems, no issue</p> <p>h. Traffic patterns impact, bus route may be altered</p> <p>i. Existing utilities upgrade, existing utilities are inadequate requiring upgrades, existing electrical and communications utility lines serving other areas are located on the project site and may have to be altered.</p> <p>j. Ordnance sweep required prior to construction, no issue</p> <p>Planning:</p> <p>Consistent with Installation Master Plan: Yes</p> <p>Host Nation Approval: Country, No</p> <p>NEPA Documentation Complete: Not required</p> <p>Mitigation Issues:</p> <p>a. Wetlands replacement/enhancement –No</p> <p>b. Hazardous Waste –No</p> <p>c. Contaminated soil/water –No</p> <p>d. Soils – The project site is primarily composed of shale stone and decomposed shale stone, thus, facilities, a pile foundation bearing on bedrock 1 to 6 meters deep is required. Record drawings of existing site shows that bedrock (bearing layer) is distributed between the depths ranging from 1m to 6m deep.</p> <p>e. Technical Operating Manuals (manuals as required for Host Nation personnel who will maintain operational equipment)</p> <p>A. Design Data (Estimated):</p> <p>(1) Status:</p> <table> <tr> <td>(a) Design Start Date</td> <td>Oct 2011</td> </tr> <tr> <td>(b) Parametric Cost Estimate Used to Develop Costs</td> <td>Yes</td> </tr> <tr> <td>(c) Percent of Design Completed as of 1 Jan 2012</td> <td>0%</td> </tr> <tr> <td>(d) Expected 35% Design Date</td> <td>Feb 2012</td> </tr> <tr> <td>(e) 100% Design Completion Date</td> <td>Oct 2012</td> </tr> <tr> <td>(f) Type of Design Contract:</td> <td>Design/Bid/Build</td> </tr> </table> <p>(2) Basis:</p> <table> <tr> <td>(a) Standard or Definitive Design - (YES/NO)</td> <td>NO</td> </tr> <tr> <td>(b) Date Design was Most Recently Used</td> <td>N/A</td> </tr> </table> <p>(3) Total Design Cost (c)=(a)+(b) OR (d)+(e):</p> <table> <tr> <td>(a) Production of Plans and Specifications</td> <td></td> </tr> <tr> <td>(b) All Other Design Costs</td> <td></td> </tr> </table>					(a) Design Start Date	Oct 2011	(b) Parametric Cost Estimate Used to Develop Costs	Yes	(c) Percent of Design Completed as of 1 Jan 2012	0%	(d) Expected 35% Design Date	Feb 2012	(e) 100% Design Completion Date	Oct 2012	(f) Type of Design Contract:	Design/Bid/Build	(a) Standard or Definitive Design - (YES/NO)	NO	(b) Date Design was Most Recently Used	N/A	(a) Production of Plans and Specifications		(b) All Other Design Costs	
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<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">(c) Total Design Cost</td> <td style="text-align: right;">\$2,764</td> </tr> <tr> <td>(d) Contract</td> <td style="text-align: right;">\$2,430</td> </tr> <tr> <td>(e) In-house</td> <td style="text-align: right;">\$335</td> </tr> <tr> <td>(4) Construction Contract Award Date</td> <td style="text-align: right;">Feb 2013</td> </tr> <tr> <td>(5) Construction Start Date</td> <td style="text-align: right;">Apr 2013</td> </tr> <tr> <td>(6) Construction Completion Date</td> <td style="text-align: right;">Jun 2015</td> </tr> </table>					(c) Total Design Cost	\$2,764	(d) Contract	\$2,430	(e) In-house	\$335	(4) Construction Contract Award Date	Feb 2013	(5) Construction Start Date	Apr 2013	(6) Construction Completion Date	Jun 2015																
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<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>																													
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Safety Equipment	O&M	FY 15	5																													
Security Equipment	O&M	FY 15	40																													

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROGRAM						2. Date February 2012			
3. Installation and Location Zukeran (Camp Foster), Japan				4. COMMAND DoDEA		5. AREA CONSTRUCTION COST INDEX 1.51				
6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 SEP 2011						510				510
b. END FY 2015						602				602
7. INVENTORY DATA (\$000)										

TOTAL ACREAGE	0
INVENTORY TOTAL AS OF	0
AUTHORIZATION NOT YET IN INVENTORY.....	0
AUTHORIZATION REQUESTED IN THIS PROGRAM.....	\$79,036
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....	0
PLANNED IN NEXT THREE PROGRAM YEARS.....	0
REMAINING DEFICIENCY.....	0
GRAND TOTAL.....	\$79,036

8. PROJECTS REQUESTED IN THIS PROGRAM					
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>DESIGN START</u>	<u>STATUS COMPLETE</u>
73061	Replace Zukeran Elementary School	143,486 SF	79,036	Sep 10	Jun 15

9. FUTURE PROJECTS
a. INCLUDED IN FOLLOWING PROGRAM None
b. PLANNED IN NEXT THREE YEARS None

10. MISSION OR MAJOR FUNCTIONS Military Dependent Education
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11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: None
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1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2012	
3. INSTALLATION AND LOCATION Zukeran (Camp Foster), Japan			4. PROJECT TITLE: Replace Zukeran Elementary School		
5. PROGRAM ELEMENT	6. CATEGORY CODE 73061	7. PROJECT NUMBER PA00030	8. PROJECT COST (\$000) \$79,036		
9. COST ESTIMATES					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
<u>PRIMARY FACILITIES</u>					41,829
Elementary School		SF	143,486	(270)	(38,741)
LEED & EPACT Compliance		LS	1	-	(3,088)
<u>SUPPORTING FACILITIES</u>					28,192
Special Foundation Features		LS	1	-	(6,604)
Canopies		LS	1	-	(725)
Electrical Utilities		LS	1	-	(1,951)
Water/Sewer		LS	1	-	(533)
Site Preparation		LS	1	-	(3699)
Roads Sidewalks & Parking		LS	1	-	(1100)
Site Improvements		LS	1	-	(4,976)
AT/FP		LS	1	-	(589)
Communication (Site)		LS	1	-	(1,022)
Low Impact Development		LS	1	-	(857)
Demolition		SF	85,981	(38)	(3,309)
Environmental Mitigation		LS	1	-	(2,827)
SUBTOTAL					70,021
CONTINGENCY PERCENT (5%)					3,501
ESTIMATED CONTRACT COST					73,522
SUPERVISION & ADMINISTRATION (6.5%)					4,779
ENGINEERING DURING CONSTRUCTION (1%)					735
TOTAL PROJECT COST					79,036
10. DESCRIPTION OF PROPOSED CONSTRUCTION:					
<p>Construct a multiple story Elementary School (ES) composed of a pile foundation system with reinforced concrete walls, floors and roof system, . Exterior Finish System (EFS) will be applied on exterior concrete walls. Roofing system shall be fluid applied waterproof coating system for flat and sloped roofs. Exterior doors and windows will be aluminum. The interior construction will primarily consist of partition and/or reinforced concrete walls with resilient flooring or as required to meet functional requirements. Interior spaces include: Neighborhoods, Pre-K/SureStart studios, kindergarten studios, common areas, Host Nation classroom, special education areas, art classroom, music room, flex labs, gymnasium, assembly area with stage, cafeteria with full service kitchen, specialists' rooms, information center, and supply/storage rooms and other required areas for a fully functioning ES. AT/FP features</p>					

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2012
3. INSTALLATION AND LOCATION Zukeran (Camp Foster), Japan			4. PROJECT TITLE: Replace Zukeran Elementary School	
5. PROGRAM ELEMENT	6. CATEGORY CODE 73061	7. PROJECT NUMBER PA00030	8. PROJECT COST (\$000) \$79,036	

include; 25 m (82.02 ft) standoff to parking and roadways, windows and frame, exterior doors, air intakes, structural isolation, roof access, emergency air distribution shutoff, and Mass Notification System. Site AT/FP features include drop arm gate and retractable bollards with concrete foundations or other comparable features.

The project scope will also include utilities, paving, sidewalks, covered walkway, curbs, gutters, drainage, parking, loading/unloading area, playground, play courts, play lots, signage, fencing, landscaping, and site/security lighting. Heating and air conditioning, fire sprinkler and fire alarm/mass notification systems, closed circuit TV system, cable TV system, intercom/public address system, clock-bell system, telephone system, and a local area network system will be part of the project. The school will incorporate advanced communication systems to support technology program requirements, as well as general communications. Hauling of excess excavated soil off site will be required.

Existing School Buildings to be demolished as part of this project:

Building #	Square Footage
22	27,696
23	7,990
25	5,250
31	4,867
32	2,945
33	2,777
34	4,867
35	2,945

Building #	Square Footage
36	1,948
37	4,867
38	2,945
39	1,948
40	4,867
41	2,945
T41R	7,124

Due to poor soil conditions, consisting of mainly decomposed mudstone, a pile foundation system consisting of piles bearing on bedrock 45 to 60 feet below grade will be required. Pile caps interconnected by grade beams will be used to support the building columns, walls and floor.

Project shall include environmental mitigation, specifically for removal of previously identified asbestos and/or lead-based paint containing materials located in the existing elementary school prior to demolition. Also, unidentified cultural assets may be encountered during construction that may require adjusting the position of facilities in order to avoid disturbance

of the cultural asset. Radon mitigation system will be required to be constructed as part of the building per OPNAVINST 5090.1C.

Sustainable principles will be maximized in the design, development and construction of the project in accordance with Executive Order 13123 and other applicable laws and executive orders. Energy conservation and environmentally safe measures will be incorporated in this project wherever feasible, practical or required by regulation. Energy and natural resource conservation measures will be maximized in the design to the extent possible. In accordance with Leadership in Energy and Environmental Design (LEED) for Schools, Silver certifiable will be the minimum goal of the project.

Facilities will be designed in accordance with DoDEA 21st Century Education Facilities Specifications, Americans with Disabilities Act (ADA) Accessibility Guidelines/Architectural Barriers Act (ABA), National Fire Protection Association (NFPA) Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, energy and water conservation standards, and U.S Federal and Japanese Environmental Laws and Regulations. The Japan environmental governing standards will be followed during the site removal and restorations.

Air Conditioning: Load: 1,325 kW (376.6 Tons)

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2012										
3. INSTALLATION AND LOCATION Zukeran (Camp Foster), Japan			4. PROJECT TITLE: Replace Zukeran Elementary School											
5. PROGRAM ELEMENT	6. CATEGORY CODE 73061	7. PROJECT NUMBER PA00030	8. PROJECT COST (\$000) \$79,036											
<p>All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.</p> <p><u>JOINT USE CERTIFICATION:</u> This project can be used by other components on an "as available" basis; however, the scope of the project is based on DoDEA requirements. DODEA POC: (703) 588-3509</p>														
<p>12. Supplemental Data:</p> <p>Site Approval: Yes <input checked="" type="checkbox"/> Obtained Date: June 2010 No <input type="checkbox"/> Expected Date:</p> <p>Issues:</p> <p>a. DDESAB, AICUZ, Airfield, EMR, or wetlands, no issue b. Endangered species/sensitive habitat, no issue c. Air quality, no issue d. Cultural/archeological resources, may be present on site e. Clearing of trees, no issue f. Known contamination at selected site, may encounter selected site hazardous materials consisting of ACM and PCB g. Operational problems, no issue h. Traffic patterns impact, no issue i. Existing utilities upgrade, existing utilities are inadequate requiring upgrades, existing electrical and communications utility lines serving other areas are located on the project site and may have to be altered. j. Ordnance sweep required prior to construction, Possible unexploded ordinances on site</p> <p>Planning: Consistent with Installation Master Plan: Yes Host Nation Approval: Japan, No NEPA Documentation Complete: Not required</p> <p>Mitigation Issues:</p> <p>a. Wetlands replacement/enhancement –No b. Hazardous Waste –No c. Contaminated soil/water –No d. Soils – The project site has found that bedrock (bearing layer) is distributed between the depth from 20m to 15m. It is assumed that pile foundations are required for new primary buildings. e. Technical Operating Manuals (manuals as required for Host Nation personnel who will maintain operational equipment)</p> <p>A. Design Data (Estimated): (1)Status:</p> <table> <tr> <td>(a) Design Start Date</td> <td>Sep 2010</td> </tr> <tr> <td>(b) Parametric Cost Estimate Used to Develop Costs</td> <td>Yes</td> </tr> <tr> <td>(c) Percent of Design Completed as of 1 Jan 201_</td> <td>5%</td> </tr> <tr> <td>(d) Expected 35% Design Date</td> <td>Feb 2012</td> </tr> <tr> <td>(e) 100% Design Completion Date</td> <td>Jan 2013</td> </tr> </table> <p>Type of Design Contract: Design/Bid/Build</p>					(a) Design Start Date	Sep 2010	(b) Parametric Cost Estimate Used to Develop Costs	Yes	(c) Percent of Design Completed as of 1 Jan 201_	5%	(d) Expected 35% Design Date	Feb 2012	(e) 100% Design Completion Date	Jan 2013
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(b) Parametric Cost Estimate Used to Develop Costs	Yes													
(c) Percent of Design Completed as of 1 Jan 201_	5%													
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1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2012																																										
3. INSTALLATION AND LOCATION Zukeran (Camp Foster), Japan			4. PROJECT TITLE: Replace Zukeran Elementary School																																											
5. PROGRAM ELEMENT	6. CATEGORY CODE 73061	7. PROJECT NUMBER PA00030	8. PROJECT COST (\$000) \$79,036																																											
<p>(2) Basis:</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 80%;">(a) Standard or Definitive Design - (YES/NO)</td> <td style="text-align: right;">NO</td> </tr> <tr> <td>(b) Date Design was Most Recently Used</td> <td style="text-align: right;">N/A</td> </tr> </table> <p>(3) Total Design Cost (c)=(a)+(b) OR (d)+(e):</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 80%;">(a) Production of Plans and Specifications</td> <td></td> </tr> <tr> <td>(b) All Other Design Costs</td> <td></td> </tr> <tr> <td>(c) Total Design Cost</td> <td style="text-align: right;">\$5,920</td> </tr> <tr> <td>(d) Contract</td> <td style="text-align: right;">\$5,180</td> </tr> <tr> <td>(e) In-house</td> <td style="text-align: right;">\$740</td> </tr> </table> <p>(4) Construction Contract Award Date Apr 2013</p> <p>(5) Construction Start Date May 2013</p> <p>(6) Construction Completion Date Jun 2015</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Equipment Nomenclature</u></th> <th style="text-align: left;"><u>Procuring Appropriation</u></th> <th style="text-align: left;"><u>Fiscal Year Appropriated Or Requested</u></th> <th style="text-align: left;"><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td>Furnishings</td> <td>O&M</td> <td>FY 15</td> <td style="text-align: right;">690</td> </tr> <tr> <td>Kitchen</td> <td>O&M</td> <td>FY 15</td> <td style="text-align: right;">3</td> </tr> <tr> <td>IT</td> <td>O&M</td> <td>FY 15</td> <td style="text-align: right;">470</td> </tr> <tr> <td>Education Supplies</td> <td>O&M</td> <td>FY 15</td> <td style="text-align: right;">36</td> </tr> <tr> <td>Safety Equipment</td> <td>O&M</td> <td>FY 15</td> <td style="text-align: right;">5</td> </tr> <tr> <td>Security Equipment</td> <td>O&M</td> <td>FY 15</td> <td style="text-align: right;">40</td> </tr> </tbody> </table>					(a) Standard or Definitive Design - (YES/NO)	NO	(b) Date Design was Most Recently Used	N/A	(a) Production of Plans and Specifications		(b) All Other Design Costs		(c) Total Design Cost	\$5,920	(d) Contract	\$5,180	(e) In-house	\$740	<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>	Furnishings	O&M	FY 15	690	Kitchen	O&M	FY 15	3	IT	O&M	FY 15	470	Education Supplies	O&M	FY 15	36	Safety Equipment	O&M	FY 15	5	Security Equipment	O&M	FY 15	40
(a) Standard or Definitive Design - (YES/NO)	NO																																													
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1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROGRAM						2. Date February 2012			
3. Installation and Location CAMP ZAMA, JAPAN			4. COMMAND DoDEA			5. AREA CONSTRUCTION COST INDEX 1.51				
6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 SEP 2011						479				479
b. END FY 2015						500				500
7. INVENTORY DATA (\$000)										

TOTAL ACREAGE	0
INVENTORY TOTAL AS OF	0
AUTHORIZATION NOT YET IN INVENTORY.....	0
AUTHORIZATION REQUESTED IN THIS PROGRAM.....	13,273
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....	0
PLANNED IN NEXT THREE PROGRAM YEARS.....	0
REMAINING DEFICIENCY.....	0
GRAND TOTAL.....	13,273

8. PROJECTS REQUESTED IN THIS PROGRAM					
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>DESIGN START</u>	<u>STATUS COMPLETE</u>
73046	Renovate Zama High School	80,220 SF	13,273	Oct 11	Aug 15

9. FUTURE PROJECTS
a. INCLUDED IN FOLLOWING PROGRAM None
b. PLANNED IN NEXT THREE YEARS None

10. MISSION OR MAJOR FUNCTIONS Military Dependent Education
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11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: None
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1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2012	
3. INSTALLATION AND LOCATION Camp Zama, Japan			4. PROJECT TITLE: Renovate Zama High School		
5. PROGRAM ELEMENT	6. CATEGORY CODE 73046	7. PROJECT NUMBER PA00028	8. PROJECT COST (\$000) 13,273		
9. COST ESTIMATES					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
<u>PRIMARY FACILITIES</u>					10,949
RENOVATION		SF	80,220	130.85	(10,497)
SPECIAL COSTS (TEMPORARY FACILITIES)		LS			(452)
<u>SUPPORTING FACILITIES</u>					810
SITE IMPROVEMENTS		LS			(224)
ROADS, SIDEWALKS AND PARKING		LS			(586)
SUBTOTAL					11,759
CONTINGENCY PERCENT (5%)					<u>588</u>
ESTIMATED CONTRACT COST					12,347
SUPERVISION, INSPECTION & OVERHEAD (6.5%)					802
ENGINEERING DURING CONSTRUCTION(1%)					<u>124</u>
TOTAL REQUEST					13,273
10. DESCRIPTION OF PROPOSED CONSTRUCTION:					
<p>Renovate the existing high school building 906 and existing middle school buildings 912 and 913 and improve site conditions to meet ABA, parking requirements, and AT/FP standards. The school will incorporate advanced communication systems to support technology program requirements, as well as general communications. The project includes site work such as signage and paving.</p> <p>The project includes related infrastructure such as utilities, parking areas, and bus loading/unloading areas. The project will not require demolition of any buildings.</p> <p>The use of temporary classroom facilities will be used to accommodate the renovation of buildings while school is in session.</p> <p>Sustainable principles will be maximized in the design, development and construction of the project in accordance with Executive Order 13123 and other applicable laws and executive orders. Energy conservation and environmentally safe measures will be incorporated in this project wherever feasible, practical or required by regulation. Energy and natural resource conservation measures will be maximized in the design to the extent possible. In accordance with Leadership in Energy and Environmental Design (LEED) for Schools, Silver certifiable will be the minimum goal of the project. Facilities will be designed in accordance with DoDEA Education Facilities Specifications, Americans with Disabilities Act (ADA), Accessibility Guidelines/Architectural Barriers Act (ABA), National Fire Protection Association (NFPA) Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, energy and water conservation standards, and U.S. Federal and Japanese environmental laws and regulations.</p> <p>Air Conditioning Load: 100 tons</p>					

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2012
3. INSTALLATION AND LOCATION Camp Zama, Japan			4. PROJECT TITLE: Renovate Zama High School	
5. PROGRAM ELEMENT	6. CATEGORY CODE 73046	7. PROJECT NUMBER PA00028	8. PROJECT COST (\$000) 13,273	
<p>11. REQUIREMENT: 80,220 ADQT: 0 SUBSTD: 80,220</p> <p><u>PROJECT:</u> Renovate the existing high school and middle school.</p> <p><u>REQUIREMENT:</u> The renovated schools are required to provide adequate academic facilities to accommodate 500 students, 7th through 12th grade and support present curriculums selected for that age group.</p> <p><u>CURRENT SITUATION:</u> The existing facilities are in poor condition and do not meet 21st Century Education Facilities Specifications. The majority of the school buildings being renovated are greater than 21 years old. Existing classroom and education spaces have inadequate infrastructure. Aging utility infrastructure systems result in excessive maintenance costs. Most infrastructure components, such as HVAC, electrical and plumbing, have exceeded their useful life. There are numerous NFPA Life Safety and ADA code deficiencies, no fire suppression systems, and poor indoor air quality. Numerous maintenance and repair problems have developed and are becoming non-repairable. The existing facilities do not meet many of the AT/FP requirements.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The continued use of deficient, inadequate, and undersized will continue to impair the overall education program for students. If renovation is not performed, the substandard environment will continue to hamper the educational process. Yearly maintenance and utility costs will continue to run high and the school will continue to struggle performing their mission in a limited capacity due to the inadequate facilities.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plans and AT/FP measures are included.</p> <p>Economic Alternatives: All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.</p> <p><u>JOINT USE CERTIFICATION:</u> This facility can be used by other components on an "as available" basis; however, the scope of the project is based on DoDEA requirements.</p> <p>DODEA POC: (703) 588-3509</p>				
<p>12. Supplemental Data:</p> <p>Site Approval: Yes <input type="checkbox"/> Obtained Date:</p> <p>No <input checked="" type="checkbox"/> Expected Date: Jan 2012</p> <p>Issues: (state no issue or explain the issue)</p> <ol style="list-style-type: none"> DDESAB, AICUZ, Airfield, EMR, or wetlands – no issue Endangered species/sensitive habitat – no issue Air quality – no issue Cultural/archeological resources – High sensitivity area, but scope is primarily interior of buildings Clearing of trees – no issue Known contamination at selected site – no issue Operational problems – no issue Traffic patterns impact – tightly constrained site will require much coordination with the garrison 				

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROGRAM						2. Date February 2012				
3. Installation and Location OSAN AIR BASE, REPUBLIC OF KOREA					4. COMMAND DoDEA			5. AREA CONSTRUCTION COST INDEX 1.04			
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN		
a. AS OF 30 SEP 2011						427				427	
b. END FY 2015						600				600	
7. INVENTORY DATA (\$000)											

TOTAL ACREAGE	0
INVENTORY TOTAL AS OF	0
AUTHORIZATION NOT YET IN INVENTORY.....	0
AUTHORIZATION REQUESTED IN THIS PROGRAM.....	42,692
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....	0
PLANNED IN NEXT THREE PROGRAM YEARS.....	0
REMAINING DEFICIENCY.....	0
GRAND TOTAL.....	42,692

8. PROJECTS REQUESTED IN THIS PROGRAM					
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>DESIGN START</u>	<u>STATUS COMPLETE</u>
730787	Replace Elementary School	131,458 SF	42,692	Jan 12	Jul 15

9. FUTURE PROJECTS
a. INCLUDED IN FOLLOWING PROGRAM None
b. PLANNED IN NEXT THREE YEARS None

10. MISSION OR MAJOR FUNCTIONS Military Dependent Education
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11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: None
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1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2012	
3. INSTALLATION AND LOCATION OSAN AIR BASE, REPUBLIC OF KOREA			4. PROJECT TITLE: REPLACE OSAN ELEMENTARY SCHOOL		
5. PROGRAM ELEMENT	6. CATEGORY CODE 730787	7. PROJECT NUMBER PA00020	8. PROJECT COST (\$000) 42,692		
9. COST ESTIMATES					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
<u>PRIMARY FACILITIES</u>					27,345
ELEMENTARY SCHOOL		SF	131,458	194.66	(25,590)
LEED AND FEDERAL ENERGY ACTS COMPLIANCE		LS			(1,280)
AT/FP		LS			(475)
<u>SUPPORTING FACILITIES</u>					10477
SPECIAL CONSTRUCTION FEATURES		LS			(3,300)
CANOPIES		LS			(580)
ELECTRICAL UTILITIES		LS			(740)
WATER/SEWER UTILITIES		LS			(380)
SITE PREPARATION		LS			(400)
ROADS, SIDEWALKS AND PARKING		LS			(574)
SITE IMPROVEMENTS		LS			(4,275)
ATFP		LS			(69)
LOW IMPACT DEVELOPMENT		LS			(159)
SUBTOTAL					37,822
CONTINGENCY PERCENT (5%)					1,891
ESTIMATED CONTRACT COST					39,713
SUPERVISION, INSPECTION & OVERHEAD (6.5%)					2,581
ENGINEERING DURING CONSTRUCTION(1%)					398
TOTAL REQUEST					<u>42,692</u> 42,692
10. DESCRIPTION OF PROPOSED CONSTRUCTION: Construct a two story elementary school with a single story high bay area to include an auditorium and multipurpose room (gym/cafeteria). The facility will be composed of strategically located pre-stressed straight cylinder concrete piles with reinforced concrete caps, structural steel, reinforced concrete masonry unit (CMU) with brick veneer at the pedestrian level, cementitious stucco finish system for the exterior envelope. The exterior walls are furred out with metal studs and full batt insulation. The roof system will consist of a flat roof single ply membrane and standing metal seam. Interior construction will consist of concrete masonry units, reinforced concrete, and gypsum wallboard for halls, classrooms, restrooms, mechanical rooms, meeting rooms, and counseling rooms; acoustical ceiling tiles with fluorescent lighting; flooring includes sheet rubber flooring, ceramic tile, poured flooring, carpet, and quarry tile. AT/FP measures include 18-inch curbs, a drop arm, and structural support for windows, doors, and frames. The project includes cabinets, counters, classroom sinks, storage closets, tack boards, whiteboards, coat racks/cubby units, heating and air conditioning, ventilation, plumbing, closed circuit TV system, cable TV system, intercom/public address system, clock-bell system, telephone system, and a local area network system. Interior spaces include general purpose classrooms, information center, computer lab, gymnasium with telescoping bleachers and a foldable partition, auditorium, cafeteria with serving lines, a food service area with built-in cafeteria equipment and a stage, library, supply areas, specialist rooms, art room, learning impaired room, teacher work rooms, counseling areas, storage, administrative offices for a fully functioning elementary school. The project includes site improvements such as fencing, paving, landscaping, covered walkways, exterior lighting, utilities, playground systems, staff and visitor parking, internal site circulation for buses and POVs, service drive and					

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2012
3. INSTALLATION AND LOCATION OSAN AIR BASE, REPUBLIC OF KOREA			4. PROJECT TITLE: REPLACE OSAN ELEMENTARY SCHOOL	
5. PROGRAM ELEMENT	6. CATEGORY CODE 730787	7. PROJECT NUMBER PA00020	8. PROJECT COST (\$000) 42,692	
<p>delivery area.</p> <p>The use of temporary classroom facilities will be included in the event the construction schedule is delayed as a result of unforeseen circumstances.</p> <p>Sustainable principles will be maximized in the design, development and construction of the project in accordance with Executive Order 13123 and other applicable laws and executive orders. Energy conservation and environmentally safe measures will be incorporated in this project wherever feasible, practical or required by regulation. Energy and natural resource conservation measures will be maximized in the design to the extent possible. In accordance with Leadership in Energy and Environmental Design (LEED) for Schools, Silver certifiable will be the minimum goal of the project.</p> <p>Facilities will be designed in accordance with DoDEA 21st Century Education Facilities Specifications, Americans with Disabilities Act (ADA) Accessibility Guidelines/Architectural Barriers Act (ABA), National Fire Protection Association (NFPA) Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, and energy and water conservation standards.</p> <p>Air Conditioning Load: 250 Tons</p>				
<p>11. REQUIREMENT: 131,458 ADQT: 0 SF SUBSTD: 56,366 SF</p> <p><u>PROJECT:</u> Replace the existing Osan American Elementary School by constructing a new elementary school facility.</p> <p>This project will provide a new consolidated elementary school building to replace two deteriorated and dysfunctional facilities and support facilities at Osan American Elementary School, Osan Air Base, Korea.</p> <p><u>REQUIREMENT:</u> The new school is required to provide adequate academic facilities for 600 students in grades pre-kindergarten through fifth grade.</p> <p><u>CURRENT SITUATION:</u> Osan American Elementary School is 29 years old and does not meet the DoDEA 21st Century Education Facilities Specifications. The current school consists of two buildings, building 251 and 252. Building 251 was built in 1982 and is approaching it's the life expectancy. The building is undersized, has no adequate playground or play fields, has limited capacity for assembly and is in disrepair due to aging systems. Building 252 is a temporary facility built in 1992 and is long past the five year temporary building requirement. The condition rating of the elementary school is Q-3, poor condition. The interior finishes are degraded, the HVAC and electrical systems are inefficient and do not comply with current energy mandates. The chiller is non-operational and has an interim replacement with a life expectancy of less than four years. The ceiling tiles in the hallway sweat due to moisture seeping into the building, causing mold. The temporary building has no covered walkways on the exterior of the building. Both buildings are prone to standing water and drainage issues around the building, creating freezing and flooding hazards. All systems to include structural, mechanical and electrical are in need of costly replacements which are expected to exceed the replacement costs of these buildings. The existing school facility does not meet current AT/FP criteria. Additionally, there are safety issues such as the school must block the only access road in order to allow children to play outside and the Kindergarten and Pre-K children must walk several hundred feet in order to get to play fields near the existing swimming pool, increasing the risk for potential incidents</p> <p><u>IMPACT IF NOT PROVIDED:</u> If a new elementary school is not constructed, the students of Osan American Elementary School will continue to be exposed to a degrading facility and potential safety issues. The continued use of poor and undersized facilities will continue to impair the overall educational program for students. If new facilities are not provided, the substandard environment will continue to hamper student education, motivation, and inspiration. The current facility will not be able</p>				

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2012
3. INSTALLATION AND LOCATION OSAN AIR BASE, REPUBLIC OF KOREA			4. PROJECT TITLE: REPLACE OSAN ELEMENTARY SCHOOL	
5. PROGRAM ELEMENT	6. CATEGORY CODE 730787	7. PROJECT NUMBER PA00020	8. PROJECT COST (\$000) 42,692	
<p>to support a 21st Century Curriculum and DoD's energy savings and sustainability initiatives. Yearly maintenance and utility costs will continue to compound and interrupt school operations. Osan Elementary School is currently a Q3 rating and will diminish greatly over the next few years. Outdated, failing, and in need of repair/replacement are mechanical, roof, and fire protection. DoDEA will not be able to adequately fulfill its mission and responsibility to provide a safe, secure, and well managed environment that focuses on student achievement for personnel dependents at Osan Air Base.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plans and all AT/FP measures are included.</p> <p><u>Economic Alternatives:</u> All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.</p> <p><u>JOINT USE CERTIFICATION:</u> This facility can be used by other components on an "as available" basis; however, the scope of the project is based on DoDEA requirements.</p> <p>DODEA POC: (703) 588-3509</p>				
<p>12. Supplemental Data:</p> <p>Site Approval: Yes <input checked="" type="checkbox"/> Obtained Date:</p> <p style="padding-left: 100px;">No <input type="checkbox"/> Expected Date:</p> <p>Issues: (state no issue or explain the issue)</p> <p>a. DDESAB, AICUZ, Airfield, EMR, or wetlands, no issue</p> <p>b. Endangered species/sensitive habitat, no issue or state issue</p> <p>c. Air quality, no issue or state issue</p> <p>d. Cultural/archeological resources, no issue or state issue</p> <p>e. Clearing of trees, no issue or state issue</p> <p>f. Known contamination at selected site, no issue or state issue</p> <p>g. Operational problems, no issue or state issue</p> <p>h. Traffic patterns impact, no issue or state issue</p> <p>i. Existing utilities upgrade, no issue or state issue</p> <p>j. Ordnance sweep required prior to construction, no issue or state issue</p> <p>Planning:</p> <p>Consistent with Installation Master Plan: Yes</p> <p>Host Nation Approval: Country, NA</p> <p>NEPA Documentation Complete: Y</p> <p>Level of NEPA: (pick one) Categorical Exclusion 7/1/2011</p> <p>Mitigation Issues:</p> <p>a. Wetlands replacement/enhancement – N</p> <p>b. Hazardous Waste – N</p> <p>c. Contaminated soil/water N</p> <p>d. Other – N</p>				

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2012
3. INSTALLATION AND LOCATION OSAN AIR BASE, REPUBLIC OF KOREA			4. PROJECT TITLE: REPLACE OSAN ELEMENTARY SCHOOL	
5. PROGRAM ELEMENT	6. CATEGORY CODE 730787	7. PROJECT NUMBER PA00020	8. PROJECT COST (\$000) 42,692	
Design Data (Estimated):				
(1) Status:				
(a) Design Start Date			Jan 2012	
(b) Parametric Cost Estimate Used to Develop Costs			YES	
(c) Percent of Design Completed as of 1 Jan 2011			5%	
(d) Expected 35% Design Date			MAY 2012	
(e) 100% Design Completion Date			DEC 2012	
(f) Type of Design Contract:			Design/Bid/Build	
(2) Basis:				
(a) Standard or Definitive Design - (YES/NO)			NO	
(b) Date Design was Most Recently Used			N/A	
(3) Total Design Cost (c)=(a)+(b) OR (d)+(e):				
(a) Production of Plans and Specifications				
(b) All Other Design Costs				
(c) Total Design Cost			\$4,269	
(d) Contract			\$2,561	
(e) In-house			\$1,708	
(4) Construction Contract Award Date			Feb 2013	
(5) Construction Start Date			Jul 2013	
(6) Construction Completion Date			Jul 2015	
B. Equipment associated with this project which will be provided from other appropriations:				
Equipment	Procuring	Fiscal Year	Cost	
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u>	<u>(\$000)</u>	
Furnishings	O&M	FY 15	273	
Kitchen	O&M	FY 15	190	
IT	O&M	FY 15	670	
Education Supplies	O&M	FY 15	406	
Safety Equipment	O&M	FY 15	5	
Security Equipment	O&M	FY 15	27	

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROGRAM						2. Date February 2012			
3. Installation and Location RAF Feltwell, United Kingdom				4. COMMAND DoDEA		5. AREA CONSTRUCTION COST INDEX 1.37				
6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 SEP 2011						362				362
b. END FY 2015						372				372
7. INVENTORY DATA (\$000)										

TOTAL ACREAGE	0
INVENTORY TOTAL AS OF	0
AUTHORIZATION NOT YET IN INVENTORY.....	0
AUTHORIZATION REQUESTED IN THIS PROGRAM.....	30,811
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....	0
PLANNED IN NEXT THREE PROGRAM YEARS.....	0
REMAINING DEFICIENCY.....	0
GRAND TOTAL.....	30,811

8. PROJECTS REQUESTED IN THIS PROGRAM					
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>DESIGN START</u>	<u>STATUS COMPLETE</u>
730787	Addition to Feltwell Elementary School	72,732 SF	30,811	Feb 12	Jul 15

9. FUTURE PROJECTS
a. INCLUDED IN FOLLOWING PROGRAM None
b. PLANNED IN NEXT THREE YEARS None

10. MISSION OR MAJOR FUNCTIONS Military Dependent Education
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11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: None
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1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2012	
3. INSTALLATION AND LOCATION RAF Feltwell, United Kingdom			4. PROJECT TITLE: Feltwell Elementary School Addition		
5. PROGRAM ELEMENT	6. CATEGORY CODE 730787	7. PROJECT NUMBER EU00046	8. PROJECT COST (\$000) 30,811		
9. COST ESTIMATES					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
<u>PRIMARY FACILITIES</u>					22,905
ADDITION TO ELEMENTARY SCHOOL		SF	72,732	295.92	21,523
LEED AND FEDERAL ENERGY ACTS COMPLIANCE		LS			1,063
ANTITERRORISM (AT/FP) MEASURES		LS			319
<u>SUPPORTING FACILITIES</u>					4,519
CANOPIES		LS			258
ELECTRICAL UTILITIES		LS			43
WATER/SEWER UTILITIES		LS			99
MECHANICAL UTILITIES		LS			48
ROADS, SIDEWALKS AND PARKING		LS			595
SITE IMPROVEMENTS		LS			2,772
ATFP		LS			445
DEMOLITION		SF	42,473	5.7	244
INFORMATION SYSTEMS		LS			15
SUBTOTAL					27,424
CONTINGENCY PERCENT (5%)					<u>1,371</u>
ESTIMATED CONTRACT COST					28,795
SUPERVISION, INSPECTION & OVERHEAD (6.5%)					1,872
ENGINEERING DURING CONSTRUCTION(0.5%)					<u>144</u>
TOTAL REQUEST					30,811
10. DESCRIPTION OF PROPOSED CONSTRUCTION:					
<p>Construct a two story school composed of poured concrete, concrete block/steel structure and stucco/masonry exterior. Interior construction will consist of concrete wall/plaster for common shared areas, neighborhoods, Student Support Areas, Exploratory Learning spaces and buildings services, classrooms restrooms mechanical rooms, meeting rooms, and counseling rooms, interior suspended ceiling with florescent lighting, flooring for neighborhoods, student support areas, and common shared spaces will be vinyl tile, information centers will be carpet, for student support areas vinyl and carpet, entries, circulation spaces and restrooms ceramic tile or as required to meet functional requirements. Interior spaces neighborhoods, flexible laboratories, occupational and physical therapy, moderate learning impaired areas, guidance counseling and professional development centers; a small performance space and an information center. The project includes, but not limited to, site improvements such as site development, signage, fencing, paving, exterior lighting, utilities, covered walkways and landscaping. Interior spaces include neighborhoods, information center, flexible labs, gymnasium, supply areas, specialist rooms, art room, moderate learning impaired rooms, teacher work rooms, counseling areas, storage, administrative offices, multipurpose room/kitchen and other required areas for a fully functioning elementary school. Cafeteria, gymnasium, food service and information center areas are included.</p> <p>The project includes related infrastructure such as, but not limited to, parking areas, mechanical rooms, water, sewer, electrical, delivery areas, and playgrounds. The project will require demolition of buildings 92, 93, 95, and partial demo of 124 for a total of 42,473 (SF).</p>					

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2012												
3. INSTALLATION AND LOCATION RAF Feltwell, United Kingdom			4. PROJECT TITLE: Feltwell Elementary School Addition													
5. PROGRAM ELEMENT	6. CATEGORY CODE 730787	7. PROJECT NUMBER EU00046	8. PROJECT COST (\$000) 30,811													
<p>DEMO Table</p> <table border="0"> <tr> <td>Bldg#</td> <td>Area SF/ (SM)</td> </tr> <tr> <td>92</td> <td>11,591 (1076 SM)</td> </tr> <tr> <td>93</td> <td>14,934 (1387 SM)</td> </tr> <tr> <td>95</td> <td>10,614 (986 SM)</td> </tr> <tr> <td><u>124(partial)</u></td> <td><u>5,334 (496 SM)</u></td> </tr> <tr> <td></td> <td>42,473 (3946 SM)</td> </tr> </table> <p>Sustainable principles will be maximized in the design, development and construction of the project in accordance with Executive Order 13123 and other applicable laws and executive orders. Energy conservation and environmentally safe measures, will be incorporated in this project wherever feasible, practical or required by regulation. Energy and natural resource conservation measures will be maximized in the design to the extent possible. In accordance with Leadership in Energy and Environmental Design (LEED) for Schools, Silver certifiable (OCONUS) will be the minimum goal of the project.</p> <p>Facilities will be designed in accordance with DoDEA Education Facilities Specifications, Americans with Disabilities Act (ADA) Accessibility Guidelines/Architectural Barriers Act (ABA), National Fire Protection Association (NFPA) Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, and energy and water conservation standards.</p> <p>Air Conditioning Load: 15 TONS</p>					Bldg#	Area SF/ (SM)	92	11,591 (1076 SM)	93	14,934 (1387 SM)	95	10,614 (986 SM)	<u>124(partial)</u>	<u>5,334 (496 SM)</u>		42,473 (3946 SM)
Bldg#	Area SF/ (SM)															
92	11,591 (1076 SM)															
93	14,934 (1387 SM)															
95	10,614 (986 SM)															
<u>124(partial)</u>	<u>5,334 (496 SM)</u>															
	42,473 (3946 SM)															
<p>11. REQUIREMENT: 72,732 SF ADQT: 20,900 SF SUBSTD: 42,473 SF</p> <p><u>PROJECT:</u></p> <p>Addition to the existing Feltwell Elementary School</p> <p><u>REQUIREMENT:</u></p> <p>The addition is required to provide adequate academic facilities for 372 students in grades K-5. School population based on SY2009-2010.</p> <p><u>CURRENT SITUATION:</u></p> <p>Many of the existing facilities, originally constructed as barracks, are old, obsolete, inefficient, and do not meet 21st Century Education Facilities Specifications. Some of the buildings are 70 years old resulting in excessive maintenance costs for utility infrastructure that is as old as the facilities. Due to the limited amount of space on the existing site, AT/FP standoff requirements are not met. Existing classroom and education spaces are dispersed across the area in multiple buildings. Inefficiencies due to travel times to these dispersed locations can be observed as students travel between classrooms, the dining facility, gymnasium and other activities. Numerous NFPA and ABA deficiencies cannot be economically corrected. Additionally, small classroom sizes, inadequate facilities, and poorly configured buildings further reduce efficiency. Many classes are conducted in inadequate, old, or poorly configured facilities that limit the ability to correct Life Safety Code deficiencies. These conditions increase school, maintenance, and utility costs.</p> <p><u>IMPACT IF NOT PROVIDED:</u></p> <p>The continued use of inadequate and undersized facilities will continue to impair the overall educational program for students. If new facilities are not provided, the substandard environment will continue to hamper student education,</p>																

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2012
3. INSTALLATION AND LOCATION RAF Feltwell, United Kingdom			4. PROJECT TITLE: Feltwell Elementary School Addition	
5. PROGRAM ELEMENT	6. CATEGORY CODE 730787	7. PROJECT NUMBER EU00046	8. PROJECT COST (\$000) 30,811	
National Capital Region Approval: N/A				
NEPA Documentation Complete: N/A				
Level of NEPA: N/A				
Mitigation Issues:				
a. Wetlands replacement/enhancement – N				
b. Hazardous Waste – N				
c. Contaminated soil/water – N				
d. Other – N				
B. Design Data (Estimated):				
(1) Status:				
(a) Design Start Date				Feb 2012
(b) Parametric Cost Estimate Used to Develop Costs				NONE
(c) Percent of Design Completed as of 1 Jan 2012				5%
(d) Expected 35% Design Date				Aug 2012
(e) 100% Design Completion Date				Apr 2013
(f) Type of Design Contract:				Design/Bid/Build
(2) Basis:				
(c) Standard or Definitive Design - (YES/NO)				NO
(d) Date Design was Most Recently Used				N/A
(3) Total Design Cost (c)=(a)+(b) OR (d)+(e):				
(a) Production of Plans and Specifications				
(b) All Other Design Costs				
(c) Total Design Cost				\$2,887
(d) Contract				\$1,732
(e) In-house				\$1,155
(4) Construction Contract Award Date				Jul 2013
(5) Construction Start Date				Aug 2013
(6) Construction Completion Date				Jul 2015
B. Equipment associated with this project which will be provided from other appropriations:				
Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year <u>Appropriated Or Requested</u>	Cost <u>(\$000)</u>	
Furnishings	O&M	2015	431	
Kitchen	O&M	2015	20	
IT	O&M	2015	451	
Education Supplies	O&M	2015	2	
Safety Equipment	O&M	2015	5	
Security Equipment	O&M	2015	24	

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROGRAM						2. Date February 2012			
3. Installation and Location RAF Menwith Hill, United Kingdom			4. COMMAND DoDEA			5. AREA CONSTRUCTION COST INDEX 1.31				
6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 SEP 2011						224				224
b. END FY 2015						305				305
7. INVENTORY DATA (\$000)										

TOTAL ACREAGE	0
INVENTORY TOTAL AS OF	0
AUTHORIZATION NOT YET IN INVENTORY.....	0
AUTHORIZATION REQUESTED IN THIS PROGRAM.....	46,488
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....	0
PLANNED IN NEXT THREE PROGRAM YEARS.....	0
REMAINING DEFICIENCY.....	0
GRAND TOTAL.....	46,488

8. PROJECTS REQUESTED IN THIS PROGRAM					
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>DESIGN START</u>	<u>STATUS COMPLETE</u>
730787	Replace Menwith Hill Elementary/High School	113,848 SF	46,488	Feb 12	Jul 15

9. FUTURE PROJECTS
a. INCLUDED IN FOLLOWING PROGRAM None
b. PLANNED IN NEXT THREE YEARS None

10. MISSION OR MAJOR FUNCTIONS Military Dependent Education
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11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2012	
3. INSTALLATION AND LOCATION RAF Menwith Hill, United Kingdom			4. PROJECT TITLE: Replace Menwith Hill Elementary/High School		
5. PROGRAM ELEMENT	6. CATEGORY CODE 730787	7. PROJECT NUMBER EU00045	8. PROJECT COST (\$000) 46,488		
9. COST ESTIMATES					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
<u>PRIMARY FACILITIES</u>					35,680
ELEMENTARY/HIGH SCHOOL		SF	113,848	298.68	34,004
LEED AND FEDERAL ENERGY ACTS COMPLIANCE		LS			1,676
<u>SUPPORTING FACILITIES</u>					5,698
CANOPIES		LS			350
ELECTRICAL UTILITIES		LS			435
WATER/SEWER UTILITIES		LS			329
MECHANICAL UTILITIES		LS			1,870
ROADS, SIDEWALKS AND PARKING		LS			397
SITE IMPROVEMENTS		LS			890
INFORMATION SYSTEMS		LS			914
LOW IMPACT DEVELOPMENT		LS			513
SUBTOTAL					41,378
CONTINGENCY PERCENT (5%)					<u>2,069</u>
ESTIMATED CONTRACT COST					43,447
SUPERVISION, INSPECTION & OVERHEAD (6.5%)					2,824
ENGINEERING DURING CONSTRUCTION(0.5%)					<u>217</u>
TOTAL REQUEST					46,488
10. DESCRIPTION OF PROPOSED CONSTRUCTION: Construct a two story school composed of poured concrete, concrete block/steel structure and stucco/masonry exterior. Interior construction will consist of concrete wall/plaster for common shared areas, neighborhoods, Student Support Areas, Exploratory Learning spaces and buildings services, classrooms restrooms mechanical rooms, meeting rooms, and counseling rooms, interior suspended ceiling with florescent lighting, flooring for neighborhoods, student support areas, and common shared spaces will be vinyl tile, information centers will be carpet, for student support areas vinyl and carpet, entries, circulation spaces and restrooms ceramic tile or as required to meet functional requirements. Interior spaces neighborhoods, flexible laboratories, occupational and physical therapy, moderate learning impaired areas, guidance counseling and professional development centers; a small performance space, medium career and technical education spaces and an information center. The project includes, but not limited to, site improvements such as site development, signage, fencing, paving, exterior lighting, utilities, covered walkways and landscaping. Interior spaces include neighborhoods, information center, flexible labs, gymnasium, supply areas, specialist rooms, art room, learning impaired rooms, teacher work rooms, counseling areas, storage, administrative offices, multipurpose room/kitchen and other required areas for a fully functioning elementary/high school. Cafeteria, gymnasium, food service and information center areas are included. The project includes related infrastructure such as, but not limited to, parking areas, mechanical rooms, water, sewer, electrical, delivery areas, and playgrounds.					

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2012
3. INSTALLATION AND LOCATION RAF Menwith Hill, United Kingdom			4. PROJECT TITLE: Replace Menwith Hill Elementary/High School	
5. PROGRAM ELEMENT	6. CATEGORY CODE 730787	7. PROJECT NUMBER EU00045	8. PROJECT COST (\$000) 46,488	
<p>Sustainable principles will be maximized in the design, development and construction of the project in accordance with Executive Order 13123 and other applicable laws and executive orders. Energy conservation and environmentally safe measures will be incorporated in this project wherever feasible, practical or required by regulation. Energy and natural resource conservation measures will be maximized in the design to the extent possible. In accordance with Leadership in Energy and Environmental Design (LEED) for Schools, Silver certifiable (OCONUS) will be the minimum goal of the project.</p> <p>Facilities will be designed in accordance with DoDEA Education Facilities Specifications, Americans with Disabilities Act (ADA) Accessibility Guidelines/Architectural Barriers Act (ABA), National Fire Protection Association (NFPA) Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, and energy and water conservation standards.</p> <p>Air Conditioning Load: 15 TONS</p>				
<p>11. REQUIREMENT: 113,848 SF ADQT: 0 SUBSTD: 42,480 SF</p> <p><u>PROJECT:</u></p> <p>Replace the existing Menwith Hill Elementary/High School by constructing a new elementary/high school.</p> <p><u>REQUIREMENT:</u></p> <p>The new school is required to provide adequate academic facilities for 305 students in grades K-12. School population based on SY2009-2010.</p> <p><u>CURRENT SITUATION:</u></p> <p>Many of the existing facilities are old, obsolete, and inefficient; many of the buildings are 50 years old resulting in excessive maintenance costs, and do not meet 21st Century Education Facilities Specifications. Due to the limited amount of space on the existing site, AT/FP standoff requirements are not met and there is insufficient space to expand the existing facilities to provide the necessary space needed to support the school instructional program. Existing classroom and education spaces are dispersed across the area. The existing community gymnasium must be used for the school's P.E. and athletic programs as the school has no gym space of its own. The use of the community gym by the school imposes a severe hardship on the installation by limiting the community use of the gym to before and after the school day. The multipurpose room/cafeteria area is too small and completely inadequate for use by the school's PE and athletic programs. Numerous NFPA and ABA deficiencies cannot be economically corrected. Inefficiencies due to travel times to these dispersed locations can be observed as students travel between classrooms, the dining facility, gymnasium and other activities. Additionally, small classroom sizes, inadequate facilities, and poorly configured buildings further reduce efficiency. Some classrooms are located in temporary facilities to satisfy the current student population. These temporary facilities are past their design life and have been in place over 24 years. There are several corridors that are so narrow that it is difficult for 3 people to stand next to each other across the hall, a clear fire life safety concern that cannot be corrected due to the existing structure limitations. The construction of the most recent building housing the high school students is of such low construction standards making it inadequate as an educational facility. The low quality construction standards resulted in a facility that has very low ceilings, undersized and inadequate rooms. The residential type construction provides such poor acoustics that individual students walking on the second floor can be heard in all of the rooms of the ground floor. Tremendous noise and vibration of the floors is generated during each period of class changes.</p>				

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA			2. Date February 2012
3. INSTALLATION AND LOCATION RAF Menwith Hill, United Kingdom			4. PROJECT TITLE: Replace Menwith Hill Elementary/High School	
5. PROGRAM ELEMENT	6. CATEGORY CODE 730787	7. PROJECT NUMBER EU00045	8. PROJECT COST (\$000) 46,488	
<u>Equipment</u> <u>Nomenclature</u> Furnishings Kitchen IT Education Supplies Safety Equipment Security Equipment	<u>Procuring</u> <u>Appropriation</u> O&M O&M O&M O&M O&M O&M	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u> 2015 2015 2015 2015 2015 2015	<u>Cost</u> <u>(\$000)</u> 350 10 465 86 25 5	