

**DoD Education Activity  
FY 2014 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>
<b>Georgia</b>				
Fort Benning				
Faith Middle School Addition	6,031	6,031	C	77
White Elementary School Replacement	37,304	37,304	C	80
Fort Stewart				
Diamond Elementary School Replacement	44,504	44,504	C	85
<b>Kentucky</b>				
Fort Campbell				
Fort Campbell High School Replacement	59,278	59,278	C	91
Marshall Elementary School Replacement	38,591	38,591	C	95
Fort Knox				
Consolidate/Replace Van Voorhis-Mudge Elementary Schools	38,023	38,023	C	100
<b>Massachusetts</b>				
Hanscom AFB				
Hanscom Primary School Replacement	36,213	36,213	C	106
<b>North Carolina</b>				
Fort Bragg				
Consolidate/Replace Pope-Holbrook Elementary Schools	37,032	37,032	C	111
<b>South Carolina</b>				
MCAS Beaufort				
Bolden Elementary/Middle School Replacemnt	41,324	41,324	C	116
<b>Virginia</b>				
MCB Quantico				
Quantico Middle/High School Replacement	40,586	40,586	C	122
<b>Germany</b>				
USAG Wiesbaden				
Hainerberg Elementary School Replacement	58,899	58,899	C	127
Wiesbaden Middle School Replacement	50,756	50,756	C	132

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<u>State/Installation/Project</u>	<u>Authorization Request</u>	<u>Approp. Request</u>	<u>New/ Current Mission</u>	<u>Page No.</u>
Kaiserslautern Military Community Kaiserslautern Elementary School Replacement	49,907	49,907	C	138
Ramstein AB Ramstein High School Replacenment	98,762	98,762	C	144
<b>Japan</b>				
Kadena AB Kadena Middle School Addition/Renovation	38,792	38,792	C	149
<b>Korea</b>				
Camp Henry Daegu Middle/High School Replacement	52,164	52,164	C	154
<b>United Kingdom</b>				
RAF Lakenheath Lakenheath High School Replacement	69,638	69,638	C	159
<b>Total</b>	<b>797,804</b>	<b>797,804</b>		

1. COMPONENT DoDEA	<b>FY 2014 MILITARY CONSTRUCTION PROGRAM</b>						2. Date March 2013			
3. Installation and Location  FORT BENNING, GEORGIA				4. COMMAND  DoDEA		5. AREA CONSTRUCTION COST INDEX 1.03				
6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 SEP 2011						898				898
b. END FY 2015						1,407				1,407
7. INVENTORY DATA (\$000)										

TOTAL ACREAGE .....	0
INVENTORY TOTAL AS OF .....	0
AUTHORIZATION NOT YET IN INVENTORY.....	0
AUTHORIZATION REQUESTED IN THIS PROGRAM.....	43,335
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....	0
PLANNED IN NEXT THREE PROGRAM YEARS.....	0
REMAINING DEFICIENCY.....	0
GRAND TOTAL.....	43,335

<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>DESIGN START</u>	<u>STATUS COMPLETE</u>
73046	Faith Middle School Addition	17,536 SF	6,031	Jan 2012	Jul 2015
73046	Replace White Elementary School	109,390 SF	37,304	Oct 2011	Jun 2016

9. FUTURE PROJECTS
a. INCLUDED IN FOLLOWING PROGRAM Replace White Elementary School
b. PLANNED IN NEXT THREE YEARS Replace Loyd Elementary School

10. MISSION OR MAJOR FUNCTIONS Military Dependent Education
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1. COMPONENT DoDEA	FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2. Date March 2013	
3. INSTALLATION AND LOCATION FORT BENNING, GEORGIA			4. PROJECT TITLE: FAITH MIDDLE SCHOOL ADDITION		
5. PROGRAM ELEMENT	6. CATEGORY CODE 73046	7. PROJECT NUMBER AM00024	8. PROJECT COST (\$000) 6,031		
<b>9. COST ESTIMATES</b>					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
<b><u>PRIMARY FACILITIES</u></b>					<b>4,458</b>
FAITH MIDDLE SCHOOL		SF	17,536	250.29	4,389
LEED AND FEDERAL ENERGY ACTS COMPLIANCE		LS			69
<b><u>SUPPORTING FACILITIES</u></b>					<b>925</b>
OVERHEAD PROTECTION (COVERED WALKWAYS)		LS			76
ELECTRICAL UTILITIES		LS			126
WATER/SEWER UTILITIES		LS			204
DATA/TELECOMM UTILITIES		LS			20
SITE PREPARATION		LS			93
ROADS, SIDEWALKS AND PARKING		LS			244
STORM DRAINAGE		LS			70
LOW IMPACT DEVELOPMENT (2.2%)		LS			92
SUBTOTAL					<b>5,383</b>
CONTINGENCY PERCENT (5%)					<u>269</u>
ESTIMATED CONTRACT COST					<b>5,652</b>
SUPERVISION, INSPECTION & OVERHEAD (5.7%)					322
ENGINEERING DURING CONSTRUCTION (1%)					<u>57</u>
TOTAL REQUEST					<b>6,031</b>
<b>10. DESCRIPTION OF PROPOSED CONSTRUCTION:</b>					
<p>Construct addition at Faith Middle School. Addition composed of shallow foundation, steel frame and/or CMU with brick veneer or metal panels. Interior construction will consist of but not be limited to GWB wall systems and CMU for halls, classrooms, restrooms, mechanical rooms; suspended acoustic ceiling tile with fluorescent and other type of lighting fixtures; resilient flooring, walk-off matt, and/or other hard surface flooring for entries, halls, restrooms; resilient flooring for classrooms; carpet and/or resilient flooring for admin offices. The project includes site work such as signage, fencing, paving, landscaping, canopies, exterior lighting, utilities, and mechanical support. Interior spaces include general purpose classrooms, auxiliary gymnasium, storage areas, mechanical rooms and other required areas for a middle school.</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 goal of the project.</p> <p>Facilities will be designed in accordance with DoDEA Education 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. International Building Code (IBC) latest version.</p> <p>Air Conditioning Load: 70 TONS</p>					

1. COMPONENT DoDEA	<b>FY 2014 MILITARY CONSTRUCTION PROJECT DATA</b>		2. Date March 2013
3. INSTALLATION AND LOCATION  FORT BENNING, GEORGIA		4. PROJECT TITLE:  FAITH MIDDLE SCHOOL ADDITION	
5. PROGRAM ELEMENT	6. CATEGORY CODE  73046	7. PROJECT NUMBER  AM00024	8. PROJECT COST (\$000)  6,031
<p>11. REQUIREMENT: 17,536 SF                                      ADQT: 0 SF                                      SUBSTD: 0 SF</p> <p><u>PROJECT:</u> Construct an addition to the existing middle school.</p> <p><u>REQUIREMENT:</u> The new school addition together with the existing middle school is required to provide adequate academic facilities for 807 students in grades six through eight. School population based on 635 students in Sep 2010 with a growth factor based on the addition of new installation housing.</p> <p><u>CURRENT SITUATION:</u> The existing facilities are in adequate condition but undersized to handle the projected growth. Most infrastructure components, such as HVAC, electrical and plumbing, have remaining useful life. The existing primary gym is in need of some renovation. Overall the existing facilities are adequate and will continue to be utilized for the remainder of their useful life.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The existing facilities will not accommodate the projected student population growth and without the addition the overall education program for students will suffer due to overcrowding. The school will struggle to perform their mission due to undersized facilities. If the project is not provided, the accommodation of additional students would require temporary facilities, which do not meet the AT/FP and Fire Safety standards and cannot support a 21<sup>st</sup> Century curriculum for the students.</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:  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 (571) 372-1405.</p>			

1. COMPONENT DoDEA	FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2. Date March 2013
3. INSTALLATION AND LOCATION FORT BENNING, GEORGIA			4. PROJECT TITLE: FAITH MIDDLE SCHOOL ADDITION	
5. PROGRAM ELEMENT	6. CATEGORY CODE 73046	7. PROJECT NUMBER AM00024	8. PROJECT COST (\$000) 6,031	
12. Supplemental Data:				
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 Jan 2013				15%
(d) Expected 35% Design Date				Jun 2013
(e) Design Completion Date				Feb 2014
(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
(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				602
(d) Contract				361
(e) In-house				241
(4) Construction Contract Award Date				Mar 2014
(5) Construction Start Date				Apr 2014
(6) Construction Completion Date				Jul 2015
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Appropriated</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Or Requested</u>		<u>(\$000)</u>
Furnishings	O&M	2015		204
Kitchen	O&M	2015		141
IT	O&M	2015		527
Education Supplies	O&M	2015		339
Safety Equipment	O&M	2015		5
Security Equipment	O&M	2015		20

1. COMPONENT DoDEA	FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2. Date March 2013	
3. INSTALLATION AND LOCATION FORT BENNING, GEORGIA			4. PROJECT TITLE: WHITE ELEMENTARY SCHOOL REPLACEMENT		
5. PROGRAM ELEMENT	6. CATEGORY CODE 73046	7. PROJECT NUMBER AM00050	8. PROJECT COST (\$000) 37,304		
<b>9. COST ESTIMATES</b>					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
<b><u>PRIMARY FACILITIES</u></b>					<b>23,621</b>
WHITE ELEMENTARY SCHOOL		SF	109,390	\$205.34	22,462
LEED AND FEDERAL ENERGY ACTS COMPLIANCE		LS			633
ANTITERRORISM (AT/FP) MEASURES (progressive collapse)		LS			526
<b><u>SUPPORTING FACILITIES</u></b>					<b>9,676</b>
ELECTRICAL UTILITIES		LS			479
WATER/SEWER AND GAS UTILITIES		LS			401
SITE PREPARATION (not including retaining walls)		LS			2,818
ROADS, WALKS, COVERED WALKS AND PARKING		LS			853
SITE IMPROVEMENTS (includes retaining walls)		LS			2,690
DEMOLITION (existing White ES bldgs and support facilities)		SF	52,465	\$19.65	1,031
ANTITERRORISM (AT/FP) MEASURES		LS			108
DATA/TELECOM UTILITIES		LS			185
STORM DRAINAGE UTILITIES		LS			815
LOW IMPACT DEVELOPMENT (1.1%)		LS			296
SUBTOTAL					<b>33,297</b>
CONTINGENCY (5%)					<u>1,665</u>
ESTIMATED CONTRACT COST					<b>34,962</b>
SUPERVISION, INSPECTION & OVERHEAD (5.7%)					1,993
ENGINEERING DURING CONSTRUCTION (1%)					<u>349</u>
TOTAL REQUEST					<b>37,304</b>
<b>10. DESCRIPTION OF PROPOSED CONSTRUCTION:</b>					
<p>Construct a 2 to 3 story split level elementary school with drilled pier, shallow spread footing, or other appropriate foundation, long span braced and moment framed structure with reinforced masonry and/or metal stud curtain wall with brick or other durable veneer metal, and curtain wall/punched window glazing systems. Interior construction will consist of masonry and gypsum wall board wall systems for halls, primary educational areas, restrooms, mechanical rooms, meeting rooms, and counseling rooms; suspended and open ceiling systems with fluorescent and LED lighting; interior finish materials will be sustainable materials compatible with school area functions. The project includes site improvements that include covered walkways, sidewalks, fire access lanes, service courts, playgrounds/shade structures, security fencing, landscaping, site lighting, force protection protective measures, fencing and gates, and other required appurtenances, etc. Additionally, there are considerable topographic issues involved with significant vertical fall across the site that must be addressed through the use of retaining wall structures, borrowed and imported fill.</p> <p>Interior spaces to be provided include – learning neighborhoods (studios, hubs, group learning, staff collaboration), information center, FLEX (computer) labs, fitness areas, foodservice (kitchen/dining), supply areas, specialist rooms, art and music specialty rooms, learning impaired/OT-PT spaces, counseling areas, storage, administrative offices, and other required areas for a fully functioning elementary school in accordance with DoDEA Educational Facility Specifications. Cafeteria, food service, and information center areas were sized for the future target school population to include planned expansion of the Patton Village housing area.</p>					

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3. INSTALLATION AND LOCATION  FORT BENNING, GEORGIA			4. PROJECT TITLE:  WHITE ELEMENTARY SCHOOL REPLACEMENT																							
5. PROGRAM ELEMENT	6. CATEGORY CODE  73046	7. PROJECT NUMBER  AM00050	8. PROJECT COST (\$000)  37,304																							
<p>The project includes related infrastructure improvements including approximately 120 parking spaces, building utility extensions to closest ties in location, service docks, utility support spaces, etc.</p> <p>The project will require hazardous material abatement and subsequent demolition of the existing White school campus to include 9 permanent construction buildings for a total of 52,465 SF of building and support structure along with several modular temporary structures, storage sheds, and all site improvements such as parking, walks, supporting facilities and removal of underground structures and utilities. Site will be leveled and seeded. Buildings to be removed include:</p> <table border="0" data-bbox="203 716 516 1050"> <thead> <tr> <th><u>Bldg#</u></th> <th><u>Area (SF)</u></th> </tr> </thead> <tbody> <tr><td>01042</td><td>2,574 SF</td></tr> <tr><td>01043</td><td>1,219 SF</td></tr> <tr><td>01044</td><td>5,257 SF</td></tr> <tr><td>01045</td><td>10,537 SF</td></tr> <tr><td>01046</td><td>7,374 SF</td></tr> <tr><td>01047</td><td>5,257 SF</td></tr> <tr><td>01048</td><td>4,367 SF</td></tr> <tr><td>01049</td><td>2,198 SF</td></tr> <tr><td><u>01050</u></td><td><u>13,682 SF</u></td></tr> <tr><td>TOTAL</td><td>52,465 SF</td></tr> </tbody> </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 certification will be the 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: 330 Tons</p>					<u>Bldg#</u>	<u>Area (SF)</u>	01042	2,574 SF	01043	1,219 SF	01044	5,257 SF	01045	10,537 SF	01046	7,374 SF	01047	5,257 SF	01048	4,367 SF	01049	2,198 SF	<u>01050</u>	<u>13,682 SF</u>	TOTAL	52,465 SF
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<u>01050</u>	<u>13,682 SF</u>																									
TOTAL	52,465 SF																									
<p>11. REQUIREMENT: 109,390 SF      ADQT: 0 SF      SUBSTD: 52,465 SF (existing school)</p> <p><u>PROJECT:</u></p> <p>Replace the existing White Elementary School facility by constructing a new elementary school facility. The existing White Elementary School supports a current enrollment of 263 students (September 2011). The White replacement school will be located to support the newly constructed Patton Village housing area phases I-III as well as the potential phase IV expansion. As such, the attendance boundary for this facility is being shifted to an entirely different housing neighborhood, projected to generate 600 Pre-Kindergarten to 5<sup>th</sup> grade students.</p> <p>This project constructs a new Elementary School.</p> <p><u>REQUIREMENT:</u></p> <p>The new school is required to provide adequate academic facilities for 600 students in grades Pre-Kindergarten through 5. School population is based on actual enrollable, qualified students in the currently built phases I to III Patton Village housing area.</p>																										



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3. INSTALLATION AND LOCATION  FORT BENNING, GEORGIA			4. PROJECT TITLE:  WHITE ELEMENTARY SCHOOL REPLACEMENT	
5. PROGRAM ELEMENT	6. CATEGORY CODE  73046	7. PROJECT NUMBER  AM00050	8. PROJECT COST (\$000)  37,304	
<p><u>CURRENT SITUATION:</u></p> <p>The new Patton Village housing area children are currently being bussed to all of the existing elementary schools at distant locations from their housing. This increases Fort Benning schools' bussing costs, vehicular traffic congestion on post, and is far from optimal from a safety standpoint.</p> <p>The existing White Elementary School was constructed in 1958 with an additional information center building in 1961 and has a failing condition rating, which is defined as "Considered for replacement (Failing - facility is still safe, but more cost effective to replace than maintain)". Additionally, this facility was constructed of multiple classroom buildings or "pods," connected by outdoor walkways. This type of facility is of great concern from a safety and security situation as well as energy usage and operational efficiency. Classrooms are significantly undersized and incapable of meeting the current educational requirements and mission. The current facility has insufficient student capacity to fully house the growing neighborhood populations at Fort Benning. There are numerous ADA, life safety and code violations that are costly to rectify. Current facility does not meet DoDEA 21<sup>st</sup> Century educational requirements, energy reduction mandates, life safety and handicapped accessibility codes, and ATPF requirements.</p> <p><u>IMPACT IF NOT PROVIDED:</u></p> <p>White Elementary School has a failing condition and it will diminish greatly over the next few years. Building systems that are outdated, failing, and in need of repair/replacement are: electrical service/distribution and branch circuitry, casework, ceilings, exterior windows and doors, HVAC systems, plumbing fixtures and piping, roofing, and misc interior finishes and appurtenances.</p> <p>The continued occupancy of the inadequate and undersized facility will impair the overall educational mission at Fort Benning in support of the dependent children and therefore is a detriment to the quality of life for the military personnel. Current facilities will not support DoDEA's 21<sup>st</sup> Century educational curriculum initiatives and will not support DoDEA's energy reduction and sustainability policies. Substandard facilities will continue to hinder education, motivation and inspiration of the students.</p> <p><u>ADDITIONAL:</u></p> <p>This project has been coordinated with the installation physical security plans and all AT/FP measures are included. The use of temporary classroom facilities will be not be required.</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 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 (571) 372-1405</p>				

1. COMPONENT DoDEA	FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2. Date March 2013
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5. PROGRAM ELEMENT	6. CATEGORY CODE 73046	7. PROJECT NUMBER AM00050	8. PROJECT COST (\$000) 37,304	
12. Supplemental Data:				
Site Approval: Yes <input type="checkbox"/> Obtained Date:				
No <input checked="" type="checkbox"/> Expected Date: Summer 2013				
Issues: (state no issue or explain the issue)				
a. DDESAB, AICUZ, Airfield, EMR, or wetlands: No issue				
b. Endangered species/sensitive habitat: Possible minor impact on Red Cockaded Woodpecker habitat at SW corner of desired site				
c. Air quality: No issue				
d. Cultural/archeological resources: No issue				
e. Clearing of trees: Considerable timber harvesting and clearing will be required				
f. Known contamination at selected site: No issue				
g. Operational problems: No issue				
h. Traffic patterns impact: Minimal				
i. Existing utilities upgrade: Required upgrades: 3-phase electrical power extension; fiber-optic trunk-line extension, possible sump and pump upgrades at sewerage lift station. These costs are assumed to be Garrison expenses.				
j. Ordnance sweep required prior to construction: Not required				
Planning:				
Consistent with Installation Master Plan: Yes				
Host Nation Approval: N/A				
National Capital Region Approval: N/A				
NEPA Documentation Complete: Required, not yet initiated				
Level of NEPA: Environmental Assessment				
Mitigation Issues:				
a. Wetlands replacement/enhancement: No				
b. Hazardous Waste: No				
c. Contaminated soil/water: No				
d. Other: No				
A. Design Data (Estimated):				
(1) Status:				
(a) Design Start Date				Oct 2011
(b) Parametric Cost Estimate Used to Develop Costs				Yes, Mar 2012
(c) Percent of Design Completed as of Jan 2013				15%
(d) Expected 35% Design Date				Jun 2013
(e) Design Completion Date				Apr 2014
(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
(3) Total Design Cost (c)=(a)+(b) OR (d)+(e):				
(a) Production of Plans and Specifications				
(b) All Other Design Costs				

1. COMPONENT DoDEA	<b>FY 2014 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date March 2013																												
3. INSTALLATION AND LOCATION  FORT BENNING, GEORGIA			4. PROJECT TITLE:  WHITE ELEMENTARY SCHOOL REPLACEMENT																													
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<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">(c)</td> <td style="width: 85%;">Total Design Cost</td> <td style="width: 10%; text-align: right;">3.723</td> </tr> <tr> <td>(d)</td> <td>Contract</td> <td style="text-align: right;">2.234</td> </tr> <tr> <td>(e)</td> <td>In-house</td> <td style="text-align: right;">1.489</td> </tr> <tr> <td>(4)</td> <td>Construction Contract Award Date</td> <td style="text-align: right;">Jun 2014</td> </tr> <tr> <td>(5)</td> <td>Construction Start Date</td> <td style="text-align: right;">Aug 2014</td> </tr> <tr> <td>(6)</td> <td>Construction Completion Date</td> <td style="text-align: right;">Jun 2016</td> </tr> </table>					(c)	Total Design Cost	3.723	(d)	Contract	2.234	(e)	In-house	1.489	(4)	Construction Contract Award Date	Jun 2014	(5)	Construction Start Date	Aug 2014	(6)	Construction Completion Date	Jun 2016										
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B. Equipment associated with this project which will be provided from other appropriations:																																
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;"><u>Equipment Nomenclature</u></th> <th style="width: 20%;"><u>Procuring Appropriation</u></th> <th style="width: 20%;"><u>Fiscal Year Appropriated Or Requested</u></th> <th style="width: 30%;"><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td>Furnishings</td> <td>O&amp;M</td> <td>2015</td> <td style="text-align: right;">780</td> </tr> <tr> <td>Kitchen</td> <td>O&amp;M</td> <td>2015</td> <td style="text-align: right;">451</td> </tr> <tr> <td>IT</td> <td>O&amp;M</td> <td>2015</td> <td style="text-align: right;">1,100</td> </tr> <tr> <td>Education Supplies</td> <td>O&amp;M</td> <td>2015</td> <td style="text-align: right;">1,400</td> </tr> <tr> <td>Safety Equipment</td> <td>O&amp;M</td> <td>2015</td> <td style="text-align: right;">74</td> </tr> <tr> <td>Security Equipment</td> <td>O&amp;M</td> <td>2015</td> <td style="text-align: right;">68</td> </tr> </tbody> </table>					<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>	Furnishings	O&M	2015	780	Kitchen	O&M	2015	451	IT	O&M	2015	1,100	Education Supplies	O&M	2015	1,400	Safety Equipment	O&M	2015	74	Security Equipment	O&M	2015	68
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1. COMPONENT DoDEA	<b>FY 2014 MILITARY CONSTRUCTION PROGRAM</b>						2. Date March 2013			
3. Installation and Location  FORT STEWART, GEORGIA				4. COMMAND  DoDEA		5. AREA CONSTRUCTION COST INDEX 0.83				
6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 SEP 2011						876				876
b. END FY 2016						700				700
7. INVENTORY DATA (\$000)										

TOTAL ACREAGE .....	0
INVENTORY TOTAL AS OF .....	0
AUTHORIZATION NOT YET IN INVENTORY.....	0
AUTHORIZATION REQUESTED IN THIS PROGRAM.....	44,504
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....	0
PLANNED IN NEXT THREE PROGRAM YEARS.....	0
REMAINING DEFICIENCY.....	0
GRAND TOTAL.....	44,504

<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 Diamond Elementary School	122,077 SF	44,504	Oct 2012	Jun 2016

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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1. COMPONENT DoDEA	FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2. Date March 2013	
3. INSTALLATION AND LOCATION FORT STEWART, GEORGIA			4. PROJECT TITLE: DIAMOND ELEMENTARY SCHOOL REPLACEMENT		
5. PROGRAM ELEMENT	6. CATEGORY CODE 73046	7. PROJECT NUMBER AM00038	8. PROJECT COST (\$000) 44,504		
9. COST ESTIMATES					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
<b><u>PRIMARY FACILITIES</u></b>					<b>28,257</b>
DIAMOND ELEMENTARY SCHOOL		SF	122,077	\$219.28	26,769
LEED AND FEDERAL ENERGY ACTS COMPLIANCE		LS			1,488
<b><u>SUPPORTING FACILITIES</u></b>					<b>11,466</b>
ELECTRICAL UTILITIES		LS			663
COMMUNICATIONS		LS			206
WATER/SEWER UTILITIES		LS			245
STORM DRAINAGE		LS			720
SITE PREPARATION		LS			3,727
ROADS, SIDEWALKS AND PARKING		LS			1,311
CANOPIES		LS			641
SITE IMPROVEMENTS/PLAYGROUNDS		LS			1,630
DEMOLITION		SF	116,974	\$16.60	1,942
LOW IMPACT DEVELOPMENT		LS			381
SUBTOTAL					<b>39,723</b>
CONTINGENCY PERCENT (5%)					<u>1,986</u>
ESTIMATED CONTRACT COST					<b>41,709</b>
SUPERVISION, INSPECTION & OVERHEAD (5.7%)					2,378
ENGINEERING DURING CONSTRUCTION (1%)					<u>417</u>
TOTAL REQUEST					<b>44,504</b>
10. DESCRIPTION OF PROPOSED CONSTRUCTION:					
<p>Construct a two story PreK – 6<sup>th</sup> grade elementary school composed of a shallow foundation, steel frame, with CMU or metal stud and primarily brick masonry exterior wall finish. Roofing may be standing seam metal with some areas of low slope membrane. Interior partitions consist of CMU and or metal stud &amp; GWB with various finishes including writable and tackable surface treatments. Ceilings may be gypsum board, acoustical tile and painted exposed structure with acoustical clouds and baffles. Energy efficient light fixtures such as florescent, pendant hung, and recessed may be linked with daylight monitors; floor finishes shall be resilient tile and sheet flooring in most spaces except, hard tile at entries, restrooms, and food service areas. Interior spaces include neighborhoods for pre-kindergarten, kindergarten, and 1<sup>st</sup> through 6<sup>th</sup> grades, information center, flex labs, gymnasium, performance spaces, commons/dining, kitchen, supply areas, specialist rooms, art room, music room, learning impaired space, OT/PT space, teacher work rooms, counseling areas, storage, health offices, administrative offices, and other required areas for a fully functioning elementary school. Hybrid geothermal system will be utilized for heating and cooling. Sprinkler system will cover entire building. Energy dashboards, along with demonstration versions of PV panels, wind turbines, rainwater collection, are included as teaching tools.</p> <p>Site improvements include signage, paved on-site drives and parking areas, sidewalks and covered walkways, paved bike paths, landscaping, exterior lighting, fenced play lots and playground areas and equipment. AT/FP setbacks are required. The project includes related infrastructure such as, electrical primary service from a power pole 572' beyond the site boundary line, transformer, and secondary service. Direct buried communications ductbank for fiber extends to the building from an on-site manhole, with copper extending 3,628' from property line to a point of connection at intersection of Hero Rd &amp; Austin Rd. Water and Gravity Sewer services are available at points of connection 512' and 956' (respectively) beyond the site boundary line. Other site features include, mechanical enclosure, dumpster enclosure, service yard, visitor, staff and bus parking, storm water piping and management areas. Substantial imported fill will be</p>					

1. COMPONENT DoDEA	FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2. Date March 2013										
3. INSTALLATION AND LOCATION  FORT STEWART, GEORGIA			4. PROJECT TITLE:  DIAMOND ELEMENTARY SCHOOL REPLACEMENT											
5. PROGRAM ELEMENT	6. CATEGORY CODE  73046	7. PROJECT NUMBER  AM00038	8. PROJECT COST (\$000)  44,504											
<p>required to replace the unsuitable soils on the site, as well as to raise the building footprint above the flood plain.</p> <p>The project will require existing school and outbuildings be demolished for a totals of 116,974 SF at existing Diamond Elementary School Site. The following facilities will be demolished by this project:</p> <p>DEMO Table: Diamond Elementary School</p> <table border="1"> <thead> <tr> <th><u>Bldg #</u></th> <th><u>Area (SF)</u></th> </tr> </thead> <tbody> <tr> <td>5601</td> <td>2,660 SF</td> </tr> <tr> <td>5602</td> <td>102,326 SF</td> </tr> <tr> <td>5603</td> <td>7,976 SF</td> </tr> <tr> <td>5604</td> <td>4,012 SF</td> </tr> </tbody> </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 certification will be the goal of the project.</p> <p>Facilities will be designed in accordance with DoDEA Education 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. International Building Code (IBC) latest version.</p> <p>Air Conditioning Load (Estimated): 350 TONS</p>					<u>Bldg #</u>	<u>Area (SF)</u>	5601	2,660 SF	5602	102,326 SF	5603	7,976 SF	5604	4,012 SF
<u>Bldg #</u>	<u>Area (SF)</u>													
5601	2,660 SF													
5602	102,326 SF													
5603	7,976 SF													
5604	4,012 SF													
<p>11. REQUIREMENT: 122,077 SF                      ADQT: 0 SF                      SUBSTD: 116,974 SF</p> <p><u>PROJECT:</u></p> <p>Replace the existing Diamond Elementary school facility by constructing a new combined elementary school facility.</p> <p><u>REQUIREMENT:</u></p> <p>The new school is required to provide adequate academic facilities for 700 students in grades PreK- 6<sup>th</sup>. School population based on 2016 enrollment year.</p> <p><u>CURRENT SITUATION:</u></p> <p>The existing facility was built in 1963 and has a failing condition rating. Replacement is more economical than continued maintenance and repair of these aged facilities.</p> <p>The school does not meet current ADA and AT/FP criteria. The exterior of the building exhibits water infiltration due to gutter and downspout leaks. There are portions of the roof that have consistent leaks that damage interior ceiling tiles. Interior finishes are generally in good to fair condition, but there are areas that need improvement such as restrooms that have deteriorating fixtures and partitions. The kitchen equipment is in poor condition. The HVAC system is constantly not in proper working condition. Exterior lighting is inadequate and electrical panel boards need to be upgraded.</p> <p>The facility layout has some inadequacies that impact educational activities. Some examples include lack of toilet facilities in the Pre-K and Kindergarten classrooms, the exterior play area for Pre-K is too small and not developmentally appropriate, inadequate technology, not enough classrooms for SPED, and lack of acoustic treatment in the cafeteria. OT/PT is too remote and should be centrally located. For the support spaces, there is a lack of storage space, the administrative conference room is inadequately sized and lacks privacy, and an appropriate guidance suite is needed. The kitchen is undersized and teacher work areas are not conveniently located. There is a lack of parking spaces and poor</p>														

1. COMPONENT DoDEA	<b>FY 2014 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date March 2013
3. INSTALLATION AND LOCATION  FORT STEWART, GEORGIA			4. PROJECT TITLE:  DIAMOND ELEMENTARY SCHOOL REPLACEMENT	
5. PROGRAM ELEMENT	6. CATEGORY CODE  73046	7. PROJECT NUMBER  AM00038	8. PROJECT COST (\$000)  44,504	
<p>circulation for buses and cars that impacts traffic conditions at drop off and pick up periods. The building is too accessible to outsiders due to too many entrances.</p> <p>Replacing Diamond Elementary School will provide a facility that can better meet the educational needs of the students as well as provide a more sustainable and energy efficient building that will meet current ADA, Building Code, and AT/FP requirements.</p> <p><u>IMPACT IF NOT PROVIDED:</u></p> <p>Diamond Elementary School has a failing condition rating and will diminish greatly over the next few years. Continued use of unsafe, inadequate, and undersized facilities impairs the educational program. If new facilities are not provided, the schools will provide substandard environments that will continue to hamper the educational process. The condition of the schools is impacting the quality of education for the students. Yearly maintenance and utility costs will continue to run high and the schools will continue to struggle performing their mission in a limited capacity due to the inadequate and undersized facilities. Students will continue to be educated in facilities that do not meet adequate ADA accessibility, NFPA fire safety codes, or AT/FP and safety requirements.</p> <p><u>ADDITIONAL:</u></p> <p>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></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 (571) 372-1405</p>				
<p>12. Supplemental Data:</p> <p>Site Approval: Yes <input type="checkbox"/> Obtained Date:</p> <p style="padding-left: 100px;">No <input checked="" type="checkbox"/> Expected Date: September 2012</p> <p>Issues: (state no issue or explain the issue)</p> <ol style="list-style-type: none"> <li>a. DDSEB, AICUZ, Airfield, EMR, or wetlands: Wetland areas exist. Buffers established so wetlands remain undisturbed. Canal (Waters of the US) crossings required but no mitigation required.</li> <li>b. Endangered species/sensitive habitat: No Issue</li> <li>c. Air quality: No Issue</li> <li>d. Cultural/archeological resources: No Issue</li> <li>e. Clearing of trees: Yes, but no mitigation required</li> <li>f. Known contamination at selected site: No Issue</li> <li>g. Operational problems: No Issue</li> <li>h. Traffic patterns impact: No Issue except potential traffic congestion on Hero Rd in front of site.</li> <li>i. Existing utilities upgrade: NEC must extend 3,628’ of copper to intersection of Hero Rd &amp; Austin Rd</li> <li>j. Ordnance sweep required prior to construction: No Issue</li> </ol>				

1. COMPONENT DoDEA	<b>FY 2014 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date March 2013
3. INSTALLATION AND LOCATION  FORT STEWART, GEORGIA			4. PROJECT TITLE:  DIAMOND ELEMENTARY SCHOOL REPLACEMENT	
5. PROGRAM ELEMENT	6. CATEGORY CODE  73046	7. PROJECT NUMBER  AM00038	8. PROJECT COST (\$000)  44,504	
<p>Planning:  Consistent with Installation Master Plan: Yes  Host Nation Approval: N/A  National Capital Region Approval: N/A  NEPA Documentation Complete: No  Level of NEPA: Environmental Assessment</p> <p>Mitigation Issues:</p> <ul style="list-style-type: none"> <li>a. Wetlands replacement/enhancement: No Issue</li> <li>b. Hazardous Waste: No Issue</li> <li>c. Contaminated soil/water: No Issue</li> <li>d. Other: No Issue</li> </ul> <p>A. Design Data (Estimated):</p> <ul style="list-style-type: none"> <li>(1) Status: <ul style="list-style-type: none"> <li>(a) Design Start Date <span style="float: right;">Oct 2012</span></li> <li>(b) Parametric Cost Estimate Used to Develop Costs <span style="float: right;">Yes</span></li> <li>(c) Percent of Design Completed as of Jan 2013 <span style="float: right;">15%</span></li> <li>(d) Expected 35% Design Date <span style="float: right;">Jul 2013</span></li> <li>(e) Design Completion Date <span style="float: right;">Apr 2014</span></li> <li>(f) Type of Design Contract: <span style="float: right;">Design/Bid/Build</span></li> </ul> </li> <li>(2) Basis: <ul style="list-style-type: none"> <li>(a) Standard or Definitive Design <span style="float: right;">NO</span></li> <li>(b) Date Design was Most Recently Used <span style="float: right;">N/A</span></li> </ul> </li> <li>(3) Total Design Cost (c)=(a)+(b) OR (d)+(e): <ul style="list-style-type: none"> <li>(a) Production of Plans and Specifications</li> <li>(b) All Other Design Costs</li> <li>(c) Total Design Cost <span style="float: right;">4,442</span></li> <li>(d) Contract <span style="float: right;">2,665</span></li> <li>(e) In-house <span style="float: right;">1,777</span></li> </ul> </li> <li>(4) Construction Contract Award Date <span style="float: right;">Jun 2014</span></li> <li>(5) Construction Start Date <span style="float: right;">Jul 2014</span></li> <li>(6) Construction Completion Date <span style="float: right;">Jun 2016</span></li> </ul>				



1. COMPONENT DoDEA	<b>FY 2014 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date March 2013																												
3. INSTALLATION AND LOCATION  FORT STEWART, GEORGIA			4. PROJECT TITLE:  DIAMOND ELEMENTARY SCHOOL REPLACEMENT																													
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1. COMPONENT DoDEA	<b>FY 2014 MILITARY CONSTRUCTION PROGRAM</b>						2. Date March 2013			
3. Installation and Location FORT CAMPBELL, KENTUCKY			4. COMMAND DoDEA			5. AREA CONSTRUCTION COST INDEX 1.01				
6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 SEP 2011						1,319				1,319
b. END FY 2016						1,447				1,447
7. INVENTORY DATA (\$000)										

TOTAL ACREAGE .....	0
INVENTORY TOTAL AS OF .....	0
AUTHORIZATION NOT YET IN INVENTORY.....	0
AUTHORIZATION REQUESTED IN THIS PROGRAM.....	97,869
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....	0
PLANNED IN NEXT THREE PROGRAM YEARS.....	0
REMAINING DEFICIENCY.....	0
GRAND TOTAL.....	97,869

<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 Fort Campbell High School	184,232 SF	59,278	Oct 2012	Jun 2016
73046	Replace Marshall Elementary School	111,498 SF	38,591	Oct 2012	Jun 2016

9. FUTURE PROJECTS
a. INCLUDED IN FOLLOWING PROGRAM Replace Wassom Middle School
b. PLANNED IN NEXT THREE YEARS None
10. MISSION OR MAJOR FUNCTIONS Military Dependent Education

1. COMPONENT DoDEA		FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2. Date March 2013	
3. INSTALLATION AND LOCATION FORT CAMPBELL, KENTUCKY				4. PROJECT TITLE: FORT CAMPBELL HIGH SCHOOL REPLACEMENT		
5. PROGRAM ELEMENT		6. CATEGORY CODE 73046	7. PROJECT NUMBER AM00034		8. PROJECT COST (\$000) 59,278	
9. COST ESTIMATES						
Item		U/M	Quantity	Unit Cost	Cost (\$000)	
<b><u>PRIMARY FACILITIES</u></b>					<b>42,522</b>	
FORT CAMPBELL HIGH SCHOOL		SF	184,232	225.90	41,618	
LEED AND FEDERAL ENERGY ACTS COMPLIANCE		LS			904	
<b><u>SUPPORTING FACILITIES</u></b>					<b>10,388</b>	
CANOPIES		SF	20,000	34.85	697	
ELECTRICAL UTILITIES		LS			673	
WATER/SEWER UTILITIES		LS			367	
MECHANICAL UTILITIES		LS			20	
SITE PREPARATION		LS			1,066	
ROADS, SIDEWALKS AND PARKING		LS			1,706	
SITE IMPROVEMENTS/ATHLETIC FIELDS		LS			3,434	
LOW IMPACT DEVELOPMENT		LS			2,425	
SUBTOTAL					<b>52,910</b>	
CONTINGENCY PERCENT (5%)					<u>2,646</u>	
ESTIMATED CONTRACT COST					<b>55,556</b>	
SUPERVISION, INSPECTION & OVERHEAD (5.7%)					3,167	
ENGINEERING DURING CONSTRUCTION (1%)					<u>555</u>	
TOTAL REQUEST					<b>59,278</b>	
10. DESCRIPTION OF PROPOSED CONSTRUCTION:						
<p>Construct a multi-story high school composed of shallow foundation, brick veneer with steel frame, concrete masonry unit (CMU), insulating concrete form back-up or similar quality construction. Interior construction will consist of, but not be limited to, CMU walls for halls, classrooms, restrooms, mechanical rooms, meeting rooms, and counseling rooms; suspended acoustic ceiling tile with appropriate energy efficient light fixtures such as fluorescent, pendant hung, and recessed; high-traffic flooring for entries, halls and restrooms (polished concrete or similar); resilient flooring - vinyl composition tile, sheet or similar for primary learning settings; carpet for administrative offices, solid vinyl tile or sheet, polished concrete or similar flooring for food, service and specialty areas. Interior spaces include general learning neighborhoods, staff collaboration areas, learning impaired rooms, career technical education labs, flex labs, science labs, art room, music suite, occupational/physical therapy room, Junior Reserve Officer Training Corps (JROTC) (including indoor firing range), shared commons, performance space, information center, physical education spaces, food service areas, administration, miscellaneous offices, guidance counseling center, special education office, professional development center, health services, janitorial administration, maintenance support, school supply/storage area, technology service center and other required areas for a fully functioning high school. Spaces for the high school also include an exterior structure to serve as a field house located adjacent to the athletic fields. Cafeteria, food service and information center areas were sized for the future High School population.</p> <p>The project includes site work such as signage, fencing, paving (internal drives, parking, sidewalks and quantity to widen the street south of site), landscaping, canopies, exterior lighting, utilities, and athletic fields. The project includes related infrastructure such as water, sewer, electrical, staff and visitor parking areas, mechanical rooms, emergency access lanes, bus loading/unloading areas, and delivery areas. The project will require no demolition of existing 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</p>						

1. COMPONENT DoDEA	<b>FY 2014 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date March 2013
3. INSTALLATION AND LOCATION  FORT CAMPBELL, KENTUCKY			4. PROJECT TITLE:  FORT CAMPBELL HIGH SCHOOL REPLACEMENT	
5. PROGRAM ELEMENT	6. CATEGORY CODE  73046	7. PROJECT NUMBER  AM00034	8. PROJECT COST (\$000)  59,278	
<p>measures will be incorporated in this project wherever feasible, practical or required by regulation. Energy and natural resource conservation measures and use of day-lighting 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 goal of the project.</p> <p>Facilities will be designed in accordance with DoDEA Education Facilities Specifications, flexibility of learning settings, 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: 450 TONS</p>				
<p>11. REQUIREMENT: 184,232 SF                      ADQT: 0 SF                      SUBSTD: 111,573 SF</p> <p><u>PROJECT:</u></p> <p>Replace the existing high school facility by constructing a new high school facility.</p> <p><u>REQUIREMENT:</u></p> <p>The new school is required to provide adequate academic facilities for 800 students in grades nine through twelve. School population based on 753 students as of September 2011. Projected student population is escalated based on the historical average enrollment over the past five years.</p> <p><u>CURRENT SITUATION:</u></p> <p>The existing school building was built in 1985 and the facility is being renovated in 2012 with new acoustical ceilings, lighting, roof replacement and HVAC systems. Existing classrooms, gymnasium, athletic areas, cafeteria, kitchen, JROTC, science labs, and special education spaces are all undersized and fail to meet the standards of the DoDEA 21<sup>st</sup> Century Education Facilities Specifications. Fort Campbell High School has a failing condition rating and will diminish greatly over the next few years. Outdated, failing, and in need of repair/replacement are windows, floor finishes, lighting, plumbing fixtures and piping and specialties. The existing parking facilities do not comply with current AT/FP requirements. The existing high school will remain and will be renovated and converted to a middle school with a future project.</p> <p><u>IMPACT IF NOT PROVIDED:</u></p> <p>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 a new facility is not provided, the substandard environment will continue to hamper the educational process and the school will not be able to support a 21<sup>st</sup> Century curriculum and provide for a safe facility.</p> <p><u>ADDITIONAL:</u></p> <p>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>				

1. COMPONENT DoDEA	FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2. Date March 2013
3. INSTALLATION AND LOCATION FORT CAMPBELL, KENTUCKY			4. PROJECT TITLE: FORT CAMPBELL HIGH SCHOOL REPLACEMENT	
5. PROGRAM ELEMENT	6. CATEGORY CODE 73046	7. PROJECT NUMBER AM00034	8. PROJECT COST (\$000) 59,278	
<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.				
DoDEA POC (571) 372-1405				
12. Supplemental Data:				
Site Approval: Yes <input type="checkbox"/> Obtained Date:				
No <input checked="" type="checkbox"/> Expected Date: September 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: 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: Yes				
Host Nation Approval: N/A				
National Capital Region Approval: N/A				
NEPA Documentation Complete: No				
Level of NEPA: Record of Environmental Consideration (REC), estimated completion June 2012				
Mitigation Issues:				
a. Wetlands replacement/enhancement: No				
b. Hazardous Waste: No				
c. Contaminated soil/water: No				
d. Other: No				
A. Design Data (Estimated):				
(1) Status:				
(a) Design Start Date				Oct 2012
(b) Parametric Cost Estimate Used to Develop Costs				Yes
(c) Percent of Design Completed as of Jan 2013				15%
(d) Expected 35% Design Date				Jul 2013
(e) Design Completion Date				Jan 2014
(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	<b>FY 2014 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date March 2013																												
3. INSTALLATION AND LOCATION  FORT CAMPBELL, KENTUCKY			4. PROJECT TITLE:  FORT CAMPBELL HIGH SCHOOL REPLACEMENT																													
5. PROGRAM ELEMENT	6. CATEGORY CODE  73046	7. PROJECT NUMBER  AM00034	8. PROJECT COST (\$000)  59,278																													
<p>(3) Total Design Cost (c)=(a)+(b) OR (d)+(e):</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">(a) Production of Plans and Specifications</td> <td style="width: 20%;"></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;">5,916</td> </tr> <tr> <td>(d) Contract</td> <td style="text-align: right;">3,550</td> </tr> <tr> <td>(e) In-house</td> <td style="text-align: right;">2,366</td> </tr> </table> <p>(4) Construction Contract Award Date <span style="float: right;">May 2014</span></p> <p>(5) Construction Start Date <span style="float: right;">Jun 2014</span></p> <p>(6) Construction Completion Date <span style="float: right;">May 2016</span></p>					(a) Production of Plans and Specifications		(b) All Other Design Costs		(c) Total Design Cost	5,916	(d) Contract	3,550	(e) In-house	2,366																		
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B. Equipment associated with this project which will be provided from other appropriations:																																
<table 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: center;"><u>Fiscal Year Appropriated Or Requested</u></th> <th style="text-align: right;"><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td>Furnishings</td> <td>O&amp;M</td> <td style="text-align: center;">2015</td> <td style="text-align: right;">1,040</td> </tr> <tr> <td>Kitchen</td> <td>O&amp;M</td> <td style="text-align: center;">2015</td> <td style="text-align: right;">601</td> </tr> <tr> <td>IT</td> <td>O&amp;M</td> <td style="text-align: center;">2015</td> <td style="text-align: right;">1,260</td> </tr> <tr> <td>Education Supplies</td> <td>O&amp;M</td> <td style="text-align: center;">2015</td> <td style="text-align: right;">1,866</td> </tr> <tr> <td>Safety Equipment</td> <td>O&amp;M</td> <td style="text-align: center;">2015</td> <td style="text-align: right;">97</td> </tr> <tr> <td>Security Equipment</td> <td>O&amp;M</td> <td style="text-align: center;">2015</td> <td style="text-align: right;">91</td> </tr> </tbody> </table>					<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>	Furnishings	O&M	2015	1,040	Kitchen	O&M	2015	601	IT	O&M	2015	1,260	Education Supplies	O&M	2015	1,866	Safety Equipment	O&M	2015	97	Security Equipment	O&M	2015	91
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1. COMPONENT DoDEA	FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2. Date March 2013	
3. INSTALLATION AND LOCATION FORT CAMPBELL, KENTUCKY			4. PROJECT TITLE: MARSHALL ELEMENTARY SCHOOL REPLACEMENT		
5. PROGRAM ELEMENT	6. CATEGORY CODE 73046	7. PROJECT NUMBER AM00040	8. PROJECT COST (\$000) 38,591		
<b>9. COST ESTIMATES</b>					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
<b><u>PRIMARY FACILITIES</u></b>					<b>26,343</b>
MARSHALL ELEMENTARY SCHOOL		SF	111,498	223.04	24,869
BUILDING 84, ADMINISTRATIVE (RENOVATE)		SF	9,362	33.43	313
LEED AND FEDERAL ENERGY ACTS COMPLIANCE		LS			1,161
<b><u>SUPPORTING FACILITIES</u></b>					<b>8,102</b>
CANOPIES		SF	15,000	35.20	528
ELECTRICAL UTILITIES		LS			784
WATER/SEWER UTILITIES		LS			478
MECHANICAL UTILITIES		LS			34
SITE PREPARATION		LS			1,321
ROADS, SIDEWALKS AND PARKING		LS			1,090
SITE IMPROVEMENTS/PLAYGROUNDS		LS			1,230
DEMOLITION		SF	70,939	21.95	1,557
LOW IMPACT DEVELOPMENT		LS			1,080
SUBTOTAL					<b>34,445</b>
CONTINGENCY PERCENT (5%)					<u>1,722</u>
ESTIMATED CONTRACT COST					<b>36,167</b>
SUPERVISION, INSPECTION & OVERHEAD (5.7%)					2,062
ENGINEERING DURING CONSTRUCTION (1%)					<u>362</u>
TOTAL REQUEST					<b>38,591</b>
<b>10. DESCRIPTION OF PROPOSED CONSTRUCTION:</b>					
<p>Construct a multi-story elementary school composed of shallow foundation, brick veneer with steel frame, Concrete Masonry Unit (CMU), insulating concrete form back-up or similar quality construction. Interior construction will consist of, but not be limited to, CMU for halls, classrooms, restrooms and mechanical rooms; suspended acoustic ceiling tile with appropriate energy efficient light fixtures such as fluorescent, pendant hung, and recessed; high-traffic flooring for entries, halls and restrooms (polished concrete or similar); resilient flooring - vinyl composition tile, sheet or similar for primary learning settings; carpet for administrative offices; solid vinyl tile or sheet, polished concrete or similar flooring for food, service and specialty areas. Interior spaces include general learning neighborhoods, staff collaboration areas, learning impaired rooms, flex labs, science labs, art room, music suite, occupational/physical therapy room, shared commons, performance space, information center, physical education spaces, food service areas, administration, miscellaneous offices, guidance counseling center, special education office, professional development center, health services, janitorial administration, maintenance support, school supply/storage area, technology service center and other required areas for a fully functioning elementary school. Cafeteria, food service and information center areas were sized for the projected elementary school population.</p> <p>The project includes site work such as signage, fencing, paving (internal drives, parking and sidewalks), landscaping, canopies, exterior lighting, utilities, and playgrounds. The project includes related infrastructure such as water, sewer, electrical, staff and visitor parking areas, mechanical rooms, emergency access lanes, bus loading/unloading areas, and delivery areas. The project will require partial demolition of Building 84 for a total of 70,939 SF. The remaining 9,363 SF of Building 84 will remain for use as administrative offices for the Central School Office (CSO). Refurbishment of the remaining space will include mechanical, electrical and plumbing building systems repairs, as well as reconstruction of the remaining exterior wall.</p>					

1. COMPONENT DoDEA	<b>FY 2014 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date March 2013												
3. INSTALLATION AND LOCATION  FORT CAMPBELL, KENTUCKY			4. PROJECT TITLE:  MARSHALL ELEMENTARY SCHOOL REPLACEMENT													
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<p>DEMO Table</p> <table border="1"> <thead> <tr> <th data-bbox="201 443 277 470"><u>Bldg #</u></th> <th data-bbox="467 443 574 470"><u>Area (SF)</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="201 474 256 501">0084</td> <td data-bbox="467 474 542 501">51,923</td> </tr> <tr> <td data-bbox="201 506 272 533">0084B</td> <td data-bbox="477 506 542 533">4,754</td> </tr> <tr> <td data-bbox="201 537 272 564">0084C</td> <td data-bbox="477 537 542 564">4,754</td> </tr> <tr> <td data-bbox="201 569 272 596">0084D</td> <td data-bbox="477 569 542 596">4,754</td> </tr> <tr> <td data-bbox="201 600 272 627">0084E</td> <td data-bbox="477 600 542 627">4,754</td> </tr> </tbody> </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 and day-lighting 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 goal of the project.</p> <p>Facilities will be designed in accordance with DoDEA Education Facilities Specifications, flexibility of learning settings, 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: 275 TONS</p>					<u>Bldg #</u>	<u>Area (SF)</u>	0084	51,923	0084B	4,754	0084C	4,754	0084D	4,754	0084E	4,754
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0084D	4,754															
0084E	4,754															
<p>11. REQUIREMENT: 111,498 SF      ADQT: 0 SF      SUBSTD: 70,939 SF</p> <p><u>PROJECT:</u></p> <p>Replace the existing elementary school facility by constructing a new elementary school facility.</p> <p><u>REQUIREMENT:</u></p> <p>The new school is required to provide adequate academic facilities for 647 students in grades PreK – 5. School population based on 566 students as of September 2011. Projected student population is escalated based on the historical average enrollment over the past five years.</p> <p><u>CURRENT SITUATION:</u></p> <p>The existing facilities are in substandard condition. 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 21<sup>st</sup> Century Education Facilities Specifications. Marshall Elementary School has a failing condition rating and will diminish greatly over the next few years. Outdated, failing, and in need of repair/replacement are brick facing, roof, windows, and restrooms. 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 comply with many current AT/FP requirements.</p> <p><u>IMPACT IF NOT PROVIDED:</u></p> <p>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 a new facility is not provided, the substandard environment will continue to hamper the educational process. Yearly maintenance and utility costs will</p>																



1. COMPONENT DoDEA	<b>FY 2014 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date March 2013
3. INSTALLATION AND LOCATION  FORT CAMPBELL, KENTUCKY			4. PROJECT TITLE:  MARSHALL ELEMENTARY SCHOOL REPLACEMENT	
5. PROGRAM ELEMENT	6. CATEGORY CODE  73046	7. PROJECT NUMBER  AM00040	8. PROJECT COST (\$000)  38,591	
<p>compound and the school will not be able to support a 21<sup>st</sup> Century curriculum and provide for energy savings and sustainability initiatives.</p> <p><u>ADDITIONAL:</u></p> <p>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></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 (571) 372-1405</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: September 2012</p> <p>Issues: (state no issue or explain the issue)</p> <ul style="list-style-type: none"> <li>a. DDESAB, AICUZ, Airfield, EMR, or wetlands: No issue</li> <li>b. Endangered species/sensitive habitat: No issue</li> <li>c. Air quality: No issue</li> <li>d. Cultural/archeological resources: Site is directly adjacent to a historical site/house.</li> <li>e. Clearing of trees: No issue</li> <li>f. Known contamination at selected site: No issue</li> <li>g. Operational problems: No issue</li> <li>h. Traffic patterns impact: Traffic study required for busy thoroughfare</li> <li>i. Existing utilities upgrade: No issue</li> <li>j. Ordnance sweep required prior to construction: No issue</li> </ul> <p>Planning:</p> <p>Consistent with Installation Master Plan: Yes</p> <p>Host Nation Approval: N/A</p> <p>National Capital Region Approval: N/A</p> <p>NEPA Documentation Complete: No</p> <p>Level of NEPA: Environmental Assessment, estimated completion June 2012</p> <p>Mitigation Issues:</p> <ul style="list-style-type: none"> <li>a. Wetlands replacement/enhancement: No</li> <li>b. Hazardous Waste: No</li> <li>c. Contaminated soil/water: No</li> <li>d. Other: No</li> </ul>				

1. COMPONENT DoDEA	FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2. Date March 2013																																																						
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<p>A. Design Data (Estimated):</p> <p>(1) Status:</p> <table> <tr> <td>(a) Design Start Date</td> <td>Oct 2012</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 Jan 2013</td> <td>15%</td> </tr> <tr> <td>(d) Expected 35% Design Date</td> <td>Aug 2013</td> </tr> <tr> <td>(e) Design Completion Date</td> <td>Apr 2014</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</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> <tr> <td>(c) Total Design Cost</td> <td>3,851</td> </tr> <tr> <td>(d) Contract</td> <td>2,311</td> </tr> <tr> <td>(e) In-house</td> <td>1,540</td> </tr> </table> <p>(4) Construction Contract Award Date Jun 2014</p> <p>(5) Construction Start Date Jul 2014</p> <p>(6) Construction Completion Date Nov 2016</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table> <thead> <tr> <th>Equipment Nomenclature</th> <th>Procuring Appropriation</th> <th>Fiscal Year Appropriated Or Requested</th> <th>Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td>Furnishings</td> <td>O&amp;M</td> <td>2015</td> <td>841</td> </tr> <tr> <td>Kitchen</td> <td>O&amp;M</td> <td>2015</td> <td>486</td> </tr> <tr> <td>IT</td> <td>O&amp;M</td> <td>2015</td> <td>1,138</td> </tr> <tr> <td>Education Supplies</td> <td>O&amp;M</td> <td>2015</td> <td>1,509</td> </tr> <tr> <td>Safety Equipment</td> <td>O&amp;M</td> <td>2015</td> <td>79</td> </tr> <tr> <td>Security Equipment</td> <td>O&amp;M</td> <td>2015</td> <td>74</td> </tr> </tbody> </table>					(a) Design Start Date	Oct 2012	(b) Parametric Cost Estimate Used to Develop Costs	Yes	(c) Percent of Design Completed as of Jan 2013	15%	(d) Expected 35% Design Date	Aug 2013	(e) Design Completion Date	Apr 2014	(f) Type of Design Contract:	Design/Bid/Build	(a) Standard or Definitive Design	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	3,851	(d) Contract	2,311	(e) In-house	1,540	Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)	Furnishings	O&M	2015	841	Kitchen	O&M	2015	486	IT	O&M	2015	1,138	Education Supplies	O&M	2015	1,509	Safety Equipment	O&M	2015	79	Security Equipment	O&M	2015	74
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1. COMPONENT DoDEA		<b>FY 2014 MILITARY CONSTRUCTION PROGRAM</b>					2. Date March 2013				
3. Installation and Location  FORT KNOX, 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							575				575
b. END FY 2016							635				635
7. INVENTORY DATA (\$000)											

TOTAL ACREAGE .....	0
INVENTORY TOTAL AS OF .....	0
AUTHORIZATION NOT YET IN INVENTORY .....	0
AUTHORIZATION REQUESTED IN THIS PROGRAM.....	38,023
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....	0
PLANNED IN NEXT THREE PROGRAM YEARS.....	0
REMAINING DEFICIENCY.....	0
GRAND TOTAL.....	38,023

<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>DESIGN START</u>	<u>STATUS COMPLETE</u>
73046	Consolidate/Replace Mudge and Van Voorhis Elementary Schools	110,435 SF	38,023	Nov 2012	Jun 2016

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM  
None

b. PLANNED IN NEXT THREE YEARS  
Consolidate/Replace Walker IS and MacDonald IS  
Replace Scott MS

10. MISSION OR MAJOR FUNCTIONS  
Military Dependent Education

1. COMPONENT DoDEA		FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2. Date March 2013		
3. INSTALLATION AND LOCATION FORT KNOX, KENTUCKY				4. PROJECT TITLE: CONSOLIDATE/REPLACE VAN VOORHIS- MUDGE ELEMENTARY SCHOOLS			
5. PROGRAM ELEMENT		6. CATEGORY CODE 73046	7. PROJECT NUMBER AM00031		8. PROJECT COST (\$000) 38,023		
<b>9. COST ESTIMATES</b>							
Item				U/M	Quantity	Unit Cost	Cost (\$000)
<b><u>PRIMARY FACILITIES</u></b>							<b>22,915</b>
MUDGE-VAN VOORHIS ELEMENTARY SCHOOL				SF	110,435	\$196.56	21,707
LEED AND FEDERAL ENERGY ACTS COMPLIANCE				LS			1,208
<b><u>SUPPORTING FACILITIES</u></b>							<b>11,024</b>
CANOPIES				LS			350
ELECTRICAL UTILITIES				LS			657
COMMUNICATIONS UTILITIES				LS			109
WATER/SEWER UTILITIES				LS			250
MECHANICAL UTILITIES (geothermal well field)				LS			4,825
SITE PREPARATION				LS			1,027
ROADS, SIDEWALKS AND PARKING				LS			712
SITE IMPROVEMENTS/PLAYGROUNDS				LS			153
STORM DRAINAGE				LS			904
LOW IMPACT DEVELOPMENT				LS			100
DEMOLITION – MUDGE ELEMENTARY SCHOOL				SF	53,787	\$14.37	773
DEMOLITION – VAN VOORHIS ELEMENTARY SCHOOL				SF	82,431	\$14.12	1,164
SUBTOTAL							<b>33,939</b>
CONTINGENCY PERCENT (5%)							<u>1,697</u>
ESTIMATED CONTRACT COST							<b>35,636</b>
SUPERVISION, INSPECTION & OVERHEAD (5.7%)							2,031
ENGINEERING DURING CONSTRUCTION (1% of ECC)							<u>356</u>
TOTAL REQUEST							<b>38,023</b>
<b>10. DESCRIPTION OF PROPOSED CONSTRUCTION:</b>							
<p>Construct a two story PreK - 5<sup>th</sup> grade elementary school, composed of a shallow foundation, steel frame, with CMU and brick masonry exterior walls. Roofing will be standing seam and low slope membrane. Interior partitions will consist of CMU and/or steel stud &amp; GWB for halls. Ceilings are gypsum board, acoustical tile and painted exposed structure with acoustical clouds and baffles. Energy efficient light fixtures such as florescent, pendant hung, and recessed are linked with daylighting monitors; floor finishes shall be resilient tile and sheet flooring in most spaces and offices except, hard tile at entries, restrooms, and food service areas. Interior spaces include neighborhoods for pre-kindergarten, kindergarten, and 1<sup>st</sup> through 5<sup>th</sup> grades, information center, flex labs, gymnasium, performance spaces, commons/dining, kitchen, supply areas, specialist rooms, art room, music room, learning impaired space, OTPT space, teacher work rooms, counseling areas, storage, health offices, administrative offices, and other required areas for a fully functioning 21<sup>st</sup> century elementary school. Hybrid geothermal system will be utilized for heating and cooling. Sprinkler system will cover entire building. Energy dashboard monitors will be included indicating building energy use and the benefits of a small demonstration PV panel and a demonstration wind turbine.</p> <p>Site improvements include site and building signage, paved parking areas, paved driveways and sidewalks, covered walkways, paved bike paths, landscaping, exterior lighting, fenced play lots and playground areas and equipment. The project includes related infrastructure such as, electrical primary, transformer and secondary service from a nearby off-site electrical substation. Direct buried communications ductbank extends to the building from an off-site manhole. Water, Gravity Sewer, and Gas services are available at points of connection on/near the site boundary line. Other site features include mechanical enclosure, dumpster enclosure, service yard, visitor, staff and bus parking, and storm water piping and management areas.</p>							

1. COMPONENT DoDEA	FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2. Date March 2013																																																				
3. INSTALLATION AND LOCATION FORT KNOX, KENTUCKY			4. PROJECT TITLE: CONSOLIDATE/REPLACE VAN VOORHIS- MUDGE ELEMENTARY SCHOOLS																																																					
5. PROGRAM ELEMENT	6. CATEGORY CODE 73046	7. PROJECT NUMBER AM00031	8. PROJECT COST (\$000) 38,023																																																					
<p>The project will require existing school and outbuildings be demolished for a totals of 53,787 SF at Mudge Elementary School and 82,431 SF at Van Voorhis Elementary School. The following facilities will be demolished by this project:</p> <p>DEMO Table:</p> <table border="0"> <thead> <tr> <th colspan="2">Mudge Elementary School</th> <th colspan="2">Van Voorhis Elementary School</th> </tr> <tr> <th><u>Bldg #</u></th> <th><u>Area (SF)</u></th> <th><u>Bldg #</u></th> <th><u>Area (SF)</u></th> </tr> </thead> <tbody> <tr> <td>5373</td> <td>17,958 SF</td> <td>5544</td> <td>6,899 SF</td> </tr> <tr> <td>5374</td> <td>6,895 SF</td> <td>5550</td> <td>73,664 SF</td> </tr> <tr> <td>5375</td> <td>4,202 SF</td> <td>5578</td> <td>636 SF</td> </tr> <tr> <td>5382</td> <td>5,247 SF</td> <td>5579</td> <td>970 SF</td> </tr> <tr> <td>5383</td> <td>2,987 SF</td> <td><u>5582</u></td> <td><u>262 SF</u></td> </tr> <tr> <td>5384</td> <td>5,411 SF</td> <td>TOTAL</td> <td>82,431 SF</td> </tr> <tr> <td>5385</td> <td>9,936 SF</td> <td></td> <td></td> </tr> <tr> <td>5386</td> <td>554 SF</td> <td></td> <td></td> </tr> <tr> <td>5387</td> <td>335 SF</td> <td></td> <td></td> </tr> <tr> <td><u>5388</u></td> <td><u>262 SF</u></td> <td></td> <td></td> </tr> <tr> <td>TOTAL</td> <td>53,787 SF</td> <td></td> <td></td> </tr> </tbody> </table> <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 certification will be the goal of the project.</p> <p>Facilities will be designed in accordance with DoDEA Education 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. International Building Code (IBC) latest version.</p> <p>Air Conditioning Load (Estimated): 275 TONS</p>					Mudge Elementary School		Van Voorhis Elementary School		<u>Bldg #</u>	<u>Area (SF)</u>	<u>Bldg #</u>	<u>Area (SF)</u>	5373	17,958 SF	5544	6,899 SF	5374	6,895 SF	5550	73,664 SF	5375	4,202 SF	5578	636 SF	5382	5,247 SF	5579	970 SF	5383	2,987 SF	<u>5582</u>	<u>262 SF</u>	5384	5,411 SF	TOTAL	82,431 SF	5385	9,936 SF			5386	554 SF			5387	335 SF			<u>5388</u>	<u>262 SF</u>			TOTAL	53,787 SF		
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TOTAL	53,787 SF																																																							
11. REQUIREMENT: 110,435 SF		ADQT: 0 SF	SUBSTD: 136,218																																																					
<p><u>PROJECT:</u> Replace the existing Mudge and Van Voorhis elementary school facilities by constructing a new replacement elementary school facility.</p> <p><u>REQUIREMENT:</u> The new school is required to provide adequate academic facilities for 635 students in grade pre-kindergarten through fifth grade. School population based on anticipated 2016 enrollment year.</p> <p><u>CURRENT SITUATION:</u> The existing facilities were constructed in 1961 (Mudge Elementary School) and 1958 (Van Voorhis Elementary School) and both have a failing condition rating. Replacement is more economical than continued maintenance and repair of these aged facilities.</p>																																																								

1. COMPONENT DoDEA	<b>FY 2014 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date March 2013
3. INSTALLATION AND LOCATION  FORT KNOX, KENTUCKY			4. PROJECT TITLE:  CONSOLIDATE/REPLACE VAN VOORHIS- MUDGE ELEMENTARY SCHOOLS	
5. PROGRAM ELEMENT	6. CATEGORY CODE  73046	7. PROJECT NUMBER  AM00031	8. PROJECT COST (\$000)  38,023	
<p>Existing classrooms and education spaces are dispersed across various buildings at two school campuses. Inefficiencies of travel times to these dispersed locations can be observed as students travel between classrooms, the dining facility and other activities. It is especially evident during inclement weather. Additionally, undersized classrooms, inadequate facilities, and poorly configured buildings further reduce efficiency and fail to meet the standards of the DoDEA Education Specifications. Aging utility infrastructure system results in excessive maintenance cost. Most infrastructures have exceeded their useful life. There are numerous NFPA Life Safety and ADA code violations and no fire suppression systems. Bathrooms and plumbing are in severe need of renovation. The facilities do not meet construction standards for energy efficiency. The existing facilities do not meet AT/FP requirements.</p> <p><b><u>IMPACT IF NOT PROVIDED:</u></b> Continued use of unsafe, inadequate, and undersized facilities impairs the educational program. If new facilities are not provided, the schools will provide substandard environments that will continue to hamper the educational process. The condition of the schools is impacting the quality of education for the students. Yearly maintenance and utility costs will continue to run high and the schools will continue to struggle performing their mission in a limited capacity due to the inadequate and undersized facilities. Students will continue to be educated in facilities that do not meet adequate ADA accessibility, NFPA fire safety codes, or AT/FP and safety requirements.</p> <p>Mudge Elementary School and Van Voorhis Elementary School both have a failing condition rating and will continue to decline rapidly in the coming years. The existing systems in the facilities that are outdated, failing and in need of repair/replacement include the original gas heat piping systems, the original electrical branch circuits, casework, ceiling finishes, lighting, emergency and exit lighting, interior and exterior doors, exterior windows, fire sprinklers, floor finishes, plumbing fixtures and piping. Fire sprinklers, exist signs and emergency lighting are not present in all code required locations. The school facilities do not have a functional security system or security cameras. Additionally, at Mudge ES, the foundations are failing due to undetermined geological conditions beneath the building.</p> <p><b><u>ADDITIONAL:</u></b> This project has been coordinated with the installation physical security plans and all AT/FP measures are included. The use of temporary classrooms facilities will be included in the event the construction schedule is delayed as a result of unforeseen circumstances.</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><b><u>JOINT USE CERTIFICATION:</u></b> 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 (571) 372-1405</p>				
<p>12. Supplemental Data:</p> <p>Site Approval: Yes    <input checked="" type="checkbox"/>    Obtained Date: 11 June 2012</p> <p>                          No    <input type="checkbox"/>        Expected Date:</p>				

1. COMPONENT DoDEA	<b>FY 2014 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date March 2013
3. INSTALLATION AND LOCATION  FORT KNOX, KENTUCKY			4. PROJECT TITLE:  CONSOLIDATE/REPLACE VAN VOORHIS- MUDGE ELEMENTARY SCHOOLS	
5. PROGRAM ELEMENT	6. CATEGORY CODE  73046	7. PROJECT NUMBER  AM00031	8. PROJECT COST (\$000)  38,023	
<p>Issues: (state no issue or explain the issue)</p> <ul style="list-style-type: none"> <li>a. DDSEB, AICUZ, Airfield, EMR, or wetlands: No issue</li> <li>b. Endangered species/sensitive habitat: No Issue</li> <li>c. Air quality: No Issue</li> <li>d. Cultural/archeological resources: No issue</li> <li>e. Clearing of trees: No Issue</li> <li>f. Known contamination at selected site: No Issue</li> <li>g. Operational problems: No Issue</li> <li>h. Traffic patterns impact: No Issue</li> <li>i. Existing utilities upgrade: No Issue</li> <li>j. Ordnance sweep required prior to construction: No Issue</li> </ul> <p>Planning:</p> <p>Consistent with Installation Master Plan: Y-2010  Host Nation Approval: N/A  National Capital Region Approval: N/A  NEPA Documentation Complete: N/A  Level of NEPA: Environmental Assessment</p> <p>Mitigation Issues:</p> <ul style="list-style-type: none"> <li>a. Wetlands replacement/enhancement: None</li> <li>b. Hazardous Waste: None</li> <li>c. Contaminated soil/water: None</li> <li>d. Other: None</li> </ul> <p>A. Design Data (Estimated):</p> <ul style="list-style-type: none"> <li>(1) Status: <ul style="list-style-type: none"> <li>(a) Design Start Date Nov 2012</li> <li>(b) Parametric Cost Estimate Used to Develop Costs YES</li> <li>(c) Percent of Design Completed as of Jan 2013 15%</li> <li>(d) Expected 35% Design Date May 2013</li> <li>(e) Design Completion Jan 2014</li> <li>(f) Type of Design Contract: Design-Bid-Build</li> </ul> </li> <li>(2) Basis: <ul style="list-style-type: none"> <li>(a) Standard or Definitive Design NO</li> <li>(b) Date Design was Most Recently Used N/A</li> </ul> </li> <li>(3) Total Design Cost (c)=(a)+(b) OR (d)+(e): <ul style="list-style-type: none"> <li>(a) Production of Plans and Specifications</li> <li>(b) All Other Design Costs</li> <li>(c) Total Design Cost 3,795</li> <li>(d) Contract 2,277</li> <li>(e) In-house 1,518</li> </ul> </li> <li>(4) Construction Contract Award Date Mar 2014</li> <li>(5) Construction Start Date Apr 2014</li> <li>(6) Construction Completion Date Aug 2016</li> </ul>				

1. COMPONENT DoDEA	<b>FY 2014 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date March 2013
3. INSTALLATION AND LOCATION  FORT KNOX, KENTUCKY			4. PROJECT TITLE:  CONSOLIDATE/REPLACE VAN VOORHIS- MUDGE ELEMENTARY SCHOOLS	
5. PROGRAM ELEMENT	6. CATEGORY CODE  73046	7. PROJECT NUMBER  AM00031	8. PROJECT COST (\$000)  38,023	
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	1,200	
Kitchen	O&M	2015	40	
IT	O&M	2015	600	
Education Supplies	O&M	2015	240	
Safety Equipment	O&M	2015	8	
Security Equipment	O&M	2015	12	



1. COMPONENT DoDEA	<b>FY 2014 MILITARY CONSTRUCTION PROGRAM</b>						2. Date March 2013			
3. Installation and Location  HANSCOM AIR FORCE BASE, MASSACHUSETTS				4. COMMAND  DoDEA		5. AREA CONSTRUCTION COST INDEX 1.21				
6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 SEP 2011						351				351
b. END FY 2016						450				450
7. INVENTORY DATA (\$000)										

TOTAL ACREAGE .....	0
INVENTORY TOTAL AS OF .....	0
AUTHORIZATION NOT YET IN INVENTORY.....	0
AUTHORIZATION REQUESTED IN THIS PROGRAM.....	36,213
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....	0
PLANNED IN NEXT THREE PROGRAM YEARS.....	0
REMAINING DEFICIENCY.....	0
GRAND TOTAL.....	36,213

<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 Hanscom Primary School	81,145 SF	36,213	Oct 2012	Jun 2016

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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1. COMPONENT DoDEA	FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2. Date March 2013				
3. INSTALLATION AND LOCATION HANSCOM AIR FORCE BASE, MASSACHUSETTS			4. PROJECT TITLE: HANSCOM PRIMARY SCHOOL REPLACEMENT					
5. PROGRAM ELEMENT	6. CATEGORY CODE 730787	7. PROJECT NUMBER AM00046	8. PROJECT COST (\$000) 36,213					
<b>9. COST ESTIMATES</b>								
Item		U/M	Quantity	Unit Cost	Cost (\$000)			
<b><u>PRIMARY FACILITIES</u></b>					<b>26,606</b>			
REPLACE HANSCOM PRIMARY SCHOOL		SF	81,145	\$264.98	21,502			
LEED AND FEDERAL ENERGY ACTS COMPLIANCE		LS			1,187			
SPECIAL COSTS (TEMPORARY FACILITIES)		LS			3,917			
<b><u>SUPPORTING FACILITIES</u></b>					<b>5,717</b>			
CANOPIES		LS			709			
ELECTRICAL UTILITIES		LS			702			
COMMUNICATIONS		LS			134			
WATER/SEWER UTILITIES		LS			127			
SITE PREPARATION		LS			245			
ROADS, SIDEWALKS AND PARKING		LS			945			
SITE IMPROVEMENTS/PLAYGROUNDS		LS			888			
DEMOLITION		SF	52,637	\$22.49	1,184			
LOW IMPACT DEVELOPMENT		LS			783			
SUBTOTAL					<b>32,323</b>			
CONTINGENCY PERCENT (5%)					<u>1,616</u>			
ESTIMATED CONTRACT COST					<b>33,939</b>			
SUPERVISION, INSPECTION & OVERHEAD (5.7%)					1,935			
ENGINEERING DURING CONSTRUCTION (1%)					<u>339</u>			
TOTAL REQUEST					<b>36,213</b>			
<b>10. DESCRIPTION OF PROPOSED CONSTRUCTION:</b>								
<p>Construct a two story primary school composed of a shallow foundation, steel frame, with exterior walls consisting of metal stud backup and brick, composite panel and glass curtain wall construction. Interior construction will consist of steel stud &amp; GWB partitions for all areas including instructional spaces, restrooms, mechanical rooms, meeting rooms, and counseling rooms; hard, acoustical and exposed ceilings with appropriate energy efficient light fixtures such as pendant hung, and recessed; finishes shall include but not be limited to resilient flooring for most spaces and offices except, tile at; entries, restrooms, and food areas. The project includes site improvements such as signage, fencing, paving for internal vehicular circulation and parking, landscaping, covered walkways for drop off and pickup, exterior lighting, utilities, play lots and playground areas. Interior spaces include; neighborhoods for general purpose and specialized instructions, and include kindergarten and pre-kindergarten neighborhoods, performance spaces, gymnasium, commons, supply areas, specialist rooms, art room, music room, teacher work rooms, counseling areas, storage, health offices, administrative offices, and other required areas for a fully functioning primary school.</p> <p>The project includes related infrastructure such as utilities, mechanical enclosure, dumpster enclosure, service yard, parking, internal driveways, sidewalks, landscaping, playgrounds, play lots, and storm water management areas.</p> <p>The project will require the existing school to be demolished for a total of 52,637 SF; which includes small amounts of environmental remediation as part of this demolition. The following facilities will be demolished by this project:</p> <p>DEMO Table:</p> <table border="1"> <tr> <td><u>Bldg #</u></td> <td><u>Area (SF)</u></td> </tr> <tr> <td>0001</td> <td>52,637 SF</td> </tr> </table> <p>The use of temporary classroom facilities is included to educate students onsite during construction of the new school.</p>					<u>Bldg #</u>	<u>Area (SF)</u>	0001	52,637 SF
<u>Bldg #</u>	<u>Area (SF)</u>							
0001	52,637 SF							



1. COMPONENT DoDEA	<b>FY 2014 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date March 2013
3. INSTALLATION AND LOCATION  HANSCOM AIR FORCE BASE, MASSACHUSETTS			4. PROJECT TITLE:  HANSCOM PRIMARY SCHOOL REPLACEMENT	
5. PROGRAM ELEMENT	6. CATEGORY CODE  730787	7. PROJECT NUMBER  AM00046	8. PROJECT COST (\$000)  36,213	
<p>Water infiltration has interrupted school operations and resulted in the need for emergency roof repairs and floor replacements. Aging utility infrastructure system results in excessive maintenance cost. The school was designed and built before the requirements of IT networks, and the low bandwidth patchwork of wiring added in the past twenty years is inadequate to support current programs requiring a higher data transfer rates and the integration of technology into classrooms. Most other infrastructure has exceeded its useful life. There are numerous NFPA Life Safety and ABA code violations and no fire suppression systems. Bathrooms and plumbing are in severe need of renovation and do not comply with current codes. The facilities do not meet construction standards for energy efficiency. Existing window seals and joints are failing, resulting in reduced insulation and increased air infiltration. The existing facilities do not meet current AT/FP requirements.</p> <p><u>ADDITIONAL:</u></p> <p>This project has been coordinated with the installation physical security plans and all AT/FP measures are included. The use of temporary classrooms facilities is included to educate students onsite during construction of the new school.</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 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 (571) 372-1405</p>				
<p>12. Supplemental Data:</p> <p>Site Approval: Yes <input type="checkbox"/>      Obtained Date:</p> <p style="padding-left: 100px;">No <input checked="" type="checkbox"/>      Expected Date: 11/15/2012</p> <p>Issues: (state no issue or explain the issue)</p> <ol style="list-style-type: none"> <li>a. DDSEB, AICUZ, Airfield, EMR, or wetlands: Wetland and stream mitigation required</li> <li>b. Endangered species/sensitive habitat: No issue</li> <li>c. Air quality: No issue</li> <li>d. Cultural/archeological resources: No issue</li> <li>e. Clearing of trees: No issue</li> <li>f. Known contamination at selected site: No issue</li> <li>g. Operational problems: No issue</li> <li>h. Traffic patterns impact: No issue</li> <li>i. Existing utilities upgrade: No issue</li> <li>j. Ordnance sweep required prior to construction: No issue</li> </ol> <p>Planning:</p> <p>Consistent with Installation Master Plan: Yes</p> <p>Host Nation Approval: N/A</p> <p>National Capital Region Approval: N/A</p> <p>NEPA Documentation Complete: No</p> <p>Level of NEPA: CATEX</p>				

1. COMPONENT DoDEA	FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2. Date March 2013
3. INSTALLATION AND LOCATION HANSCOM AIR FORCE BASE, MASSACHUSETTS			4. PROJECT TITLE: HANSCOM PRIMARY SCHOOL REPLACEMENT	
5. PROGRAM ELEMENT	6. CATEGORY CODE 730787	7. PROJECT NUMBER AM00046	8. PROJECT COST (\$000) 36,213	
Mitigation Issues: a. Wetlands replacement/enhancement: No b. Hazardous Waste: No c. Contaminated soil/water: No d. Other: No A. Design Data (Estimated): (1) Status: (a) Design Start Date Oct 2012 (b) Parametric Cost Estimate Used to Develop Costs Yes (c) Percent of Design Completed as of Jan 2013 15% (d) Expected 35% Design Date Sep 2013 (e) Design Completion Date May 2014 (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  (3) Total Design Cost (c)=(a)+(b) OR (d)+(e): (a) Production of Plans and Specifications Yes (b) All Other Design Costs (c) Total Design Cost 3,614 (d) Contract 2,168 (e) In-house 1,446 (4) Construction Contract Award Date Jul 2014 (5) Construction Start Date Aug 2014 (6) Construction Completion Date Dec 2016  B. Equipment associated with this project which will be provided from other appropriations:				
		Fiscal Year		
Equipment	Procuring	Appropriated		Cost
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Or Requested</u>		<u>(\$000)</u>
Furnishings	O&M	2015		585
Kitchen	O&M	2015		338
IT	O&M	2015		980
Education Supplies	O&M	2015		1,050
Safety Equipment	O&M	2015		57
Security Equipment	O&M	2015		51

1. COMPONENT DoDEA	<b>FY 2014 MILITARY CONSTRUCTION PROGRAM</b>						2. Date March 2013			
3. Installation and Location  FT BRAGG, NORTH CAROLINA			4. COMMAND  DoDEA			5. AREA CONSTRUCTION COST INDEX 0.90				
6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 SEP 2011						458				458
b. END FY 2016						625				625
7. INVENTORY DATA (\$000)										

TOTAL ACREAGE .....	0
INVENTORY TOTAL AS OF .....	0
AUTHORIZATION NOT YET IN INVENTORY .....	0
AUTHORIZATION REQUESTED IN THIS PROGRAM.....	37,032
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....	0
PLANNED IN NEXT THREE PROGRAM YEARS.....	0
REMAINING DEFICIENCY.....	0
GRAND TOTAL.....	37,032

<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>DESIGN START</u>	<u>STATUS COMPLETE</u>
73046	Consolidate/Replace Pope and Holbrook Elementary Schools	109,106 SF	37,032	Oct 2012	Jun 2016

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM  
None

b. PLANNED IN NEXT THREE YEARS  
Replace Butner Elementary School

10. MISSION OR MAJOR FUNCTIONS  
Military Dependent Education

1. COMPONENT DoDEA	FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2. Date March 2013	
3. INSTALLATION AND LOCATION FORT BRAGG, NORTH CAROLINA			4. PROJECT TITLE: CONSOLIDATE/REPLACE POPE AND HOLBROOK ELEMENTARY SCHOOLS		
5. PROGRAM ELEMENT	6. CATEGORY CODE 73046	7. PROJECT NUMBER AM00031	8. PROJECT COST (\$000) 37,032		
<b>9. COST ESTIMATES</b>					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
<b><u>PRIMARY FACILITIES</u></b>					<b>24,922</b>
POPE-HOLBROOK ELEMENTARY SCHOOL		SF	109,106	\$217.62	23,744
LEED AND FEDERAL ENERGY ACTS COMPLIANCE		LS			1,178
<b><u>SUPPORTING FACILITIES</u></b>					<b>8,132</b>
ELECTRICAL UTILITIES		LS			488
WATER/SEWER UTILITIES		LS			298
STORM DRAINAGE		LS			590
MECHANICAL UTILITIES		LS			65
COMMUNICATIONS UTILITIES		LS			97
SITE PREPARATION		LS			1,114
ROADS, SIDEWALKS AND PARKING		LS			1,133
SITE IMPROVEMENTS/PLAYGROUNDS		LS			1,699
CANOPIES		LS			341
DEMOLITION – POPE ELEMENTARY SCHOOL		SF	53,785	\$15.25	820
DEMOLITION – HOLBROOK ELEMENTARY SCHOOL		SF	53,903	\$16.07	866
HISTORIC, TREE & WETLAND MITIGATION		LS			254
LOW IMPACT DEVELOPMENT		LS			367
SUBTOTAL					<b>33,054</b>
CONTINGENCY PERCENT (5%)					<u>1,653</u>
ESTIMATED CONTRACT COST					<b>34,707</b>
SUPERVISION, INSPECTION & OVERHEAD (5.7%)					1,978
ENGINEERING DURING CONSTRUCTION (1%)					<u>347</u>
TOTAL REQUEST					<b>37,032</b>
10. DESCRIPTION OF PROPOSED CONSTRUCTION:					
<p>Construct a two story PreK-5<sup>th</sup> grade elementary school composed of a shallow foundation, steel frame, with concrete masonry unit (CMU) or metal stud and primarily brick masonry exterior wall finish. Roofing may be standing seam metal with some areas of low slope membrane. Energy efficient light fixtures such as florescent, pendant hung, and recessed may be linked with daylight monitors; floor finishes shall be resilient tile and sheet flooring in most spaces except, hard tile at entries, restrooms, and food service areas. Interior spaces include neighborhoods for pre-kindergarten, kindergarten, and 1<sup>st</sup> through 5<sup>th</sup> grades, information center, flex labs, gymnasium, performance spaces, commons/dining, kitchen, supply areas, specialist rooms, art room, music room, learning impaired space, OT/PT space, teacher work rooms, counseling areas, storage, health offices, administrative offices, and other required areas for a fully functioning elementary school. Hybrid geothermal system will be utilized for heating and cooling. Building will be fully sprinklered. An energy dashboard, along with demonstration versions of a PV panel, wind turbines, signage, and rainwater collection system, are incorporated as teaching tools.</p> <p>Site improvements include signage, paved on-site drives and parking areas, sidewalks and covered walkways, paved bike paths, landscaping, exterior lighting, fenced play lots and playground areas and equipment. Anti-Terrorism/Force Protection (AT/FP) setbacks are required from secured perimeter boundary of Ft. Bragg Property. The project includes related infrastructure such as, electrical primary service (from an off-site electrical substation approximately 100' from property line), transformer and secondary service. Direct buried communications ductbank extends from the building to a point of connection in a future maintenance hole (NIC) approximately 100' beyond the school site boundary. Existing water and gravity sewer points of connection are approximately 100' and 300' (respectively) from school site boundary.</p>					

1. COMPONENT DoDEA	<b>FY 2014 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date March 2013																																								
3. INSTALLATION AND LOCATION FORT BRAGG, NORTH CAROLINA			4. PROJECT TITLE: CONSOLIDATE/REPLACE POPE AND HOLBROOK ELEMENTARY SCHOOLS																																									
5. PROGRAM ELEMENT	6. CATEGORY CODE 73046	7. PROJECT NUMBER AM00031	8. PROJECT COST (\$000) 37,032																																									
<p>Other site features include retaining walls, mechanical enclosure, dumpster enclosure, service yard, visitor, staff and bus parking, storm water piping, and management areas.</p> <p>The project will require existing school and outbuildings be demolished for a total of 53,903 SF at Holbrook Elementary School and 53,785 SF at Pope Elementary School. The following facilities will be demolished by this project:</p> <p>DEMO Table:</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <table border="0"> <tr> <td colspan="2" style="text-align: center;">Pope Elementary School</td> </tr> <tr> <td style="text-align: center;"><u>Bldg #</u></td> <td style="text-align: center;"><u>Area (SF)</u></td> </tr> <tr> <td style="text-align: center;">9000</td> <td style="text-align: center;">45,517 SF</td> </tr> <tr> <td style="text-align: center;">9000A</td> <td style="text-align: center;">1,240 SF</td> </tr> <tr> <td style="text-align: center;">9000B</td> <td style="text-align: center;">1,240 SF</td> </tr> <tr> <td style="text-align: center;">9000C</td> <td style="text-align: center;">1,240 SF</td> </tr> <tr> <td style="text-align: center;">9000D</td> <td style="text-align: center;">1,240 SF</td> </tr> <tr> <td style="text-align: center;">9000E</td> <td style="text-align: center;">1,240 SF</td> </tr> <tr> <td style="text-align: center;">9000F</td> <td style="text-align: center;">1,240 SF</td> </tr> <tr> <td style="text-align: center;">Storage</td> <td style="text-align: center;">749 SF</td> </tr> <tr> <td style="text-align: center;"><u>Hazardous Storage</u></td> <td style="text-align: center;"><u>79 SF</u></td> </tr> <tr> <td></td> <td style="text-align: center;">53,785 SF</td> </tr> </table> </td> <td style="width: 50%; vertical-align: top;"> <table border="0"> <tr> <td colspan="2" style="text-align: center;">Holbrook Elementary School</td> </tr> <tr> <td style="text-align: center;"><u>Bldg #</u></td> <td style="text-align: center;"><u>Area (SF)</u></td> </tr> <tr> <td style="text-align: center;">63444</td> <td style="text-align: center;">48,773 SF</td> </tr> <tr> <td style="text-align: center;">68643</td> <td style="text-align: center;">1,425 SF</td> </tr> <tr> <td style="text-align: center;">68045</td> <td style="text-align: center;">1,599 SF</td> </tr> <tr> <td style="text-align: center;"><u>67947</u></td> <td style="text-align: center;"><u>2,106 SF</u></td> </tr> <tr> <td></td> <td style="text-align: center;">53,903 SF</td> </tr> </table> </td> </tr> </table> <p>The project will also require mitigation costs for existing wetlands, and historic mitigation due to the demolition of both Pope and Holbrook Elementary Schools.</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 certification will be the goal of the project.</p> <p>Facilities will be designed in accordance with DoDEA Education 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, and International Building Code (IBC) latest version.</p> <p>Air Conditioning Load (Estimated): 350 TONS</p>					<table border="0"> <tr> <td colspan="2" style="text-align: center;">Pope Elementary School</td> </tr> <tr> <td style="text-align: center;"><u>Bldg #</u></td> <td style="text-align: center;"><u>Area (SF)</u></td> </tr> <tr> <td style="text-align: center;">9000</td> <td style="text-align: center;">45,517 SF</td> </tr> <tr> <td style="text-align: center;">9000A</td> <td style="text-align: center;">1,240 SF</td> </tr> <tr> <td style="text-align: center;">9000B</td> <td style="text-align: center;">1,240 SF</td> </tr> <tr> <td style="text-align: center;">9000C</td> <td style="text-align: center;">1,240 SF</td> </tr> <tr> <td style="text-align: center;">9000D</td> <td style="text-align: center;">1,240 SF</td> </tr> <tr> <td style="text-align: center;">9000E</td> <td style="text-align: center;">1,240 SF</td> </tr> <tr> <td style="text-align: center;">9000F</td> <td style="text-align: center;">1,240 SF</td> </tr> <tr> <td style="text-align: center;">Storage</td> <td style="text-align: center;">749 SF</td> </tr> <tr> <td style="text-align: center;"><u>Hazardous Storage</u></td> <td style="text-align: center;"><u>79 SF</u></td> </tr> <tr> <td></td> <td style="text-align: center;">53,785 SF</td> </tr> </table>	Pope Elementary School		<u>Bldg #</u>	<u>Area (SF)</u>	9000	45,517 SF	9000A	1,240 SF	9000B	1,240 SF	9000C	1,240 SF	9000D	1,240 SF	9000E	1,240 SF	9000F	1,240 SF	Storage	749 SF	<u>Hazardous Storage</u>	<u>79 SF</u>		53,785 SF	<table border="0"> <tr> <td colspan="2" style="text-align: center;">Holbrook Elementary School</td> </tr> <tr> <td style="text-align: center;"><u>Bldg #</u></td> <td style="text-align: center;"><u>Area (SF)</u></td> </tr> <tr> <td style="text-align: center;">63444</td> <td style="text-align: center;">48,773 SF</td> </tr> <tr> <td style="text-align: center;">68643</td> <td style="text-align: center;">1,425 SF</td> </tr> <tr> <td style="text-align: center;">68045</td> <td style="text-align: center;">1,599 SF</td> </tr> <tr> <td style="text-align: center;"><u>67947</u></td> <td style="text-align: center;"><u>2,106 SF</u></td> </tr> <tr> <td></td> <td style="text-align: center;">53,903 SF</td> </tr> </table>	Holbrook Elementary School		<u>Bldg #</u>	<u>Area (SF)</u>	63444	48,773 SF	68643	1,425 SF	68045	1,599 SF	<u>67947</u>	<u>2,106 SF</u>		53,903 SF
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<p><u>PROJECT:</u> Replace the existing Pope and Holbrook Elementary school facilities by constructing a new combined elementary school facility.</p> <p><u>REQUIREMENT:</u> The new school is required to provide adequate academic facilities for 625 students in grade pre-kindergarten through five. School population based on 2016 enrollment year.</p> <p><u>CURRENT SITUATION:</u> The existing facilities were constructed in 1965 (Pope Elementary School) and 1959 (Holbrook Elementary School) and both have a poor condition rating. Replacement is more economical than continued maintenance and repair of these aged facilities.</p> <p>Both schools have temporary structures that are not suitable for classroom instruction. Pope Elementary classrooms lack functionality and the physical conditions for outdoor play areas are poor. There are deficiencies for Special Education</p>																																												



1. COMPONENT DoDEA	<b>FY 2014 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date March 2013
3. INSTALLATION AND LOCATION FORT BRAGG, NORTH CAROLINA			4. PROJECT TITLE: CONSOLIDATE/REPLACE POPE AND HOLBROOK ELEMENTARY SCHOOLS	
5. PROGRAM ELEMENT	6. CATEGORY CODE 73046	7. PROJECT NUMBER AM00031	8. PROJECT COST (\$000) 37,032	
<p>classrooms and the Media Center is undersized. Holbrook Elementary is situated on an environmental problem site (SWMU 103) that has groundwater monitoring wells. The playfields are located across South Lucas Street which presents a safety issue. An Educational Adequacy Survey was not provided based on recommendations that the school not be considered a long-term educational resource. Many systems at both facilities are reaching the end of their useful life. Both facilities do not meet the current criteria for learning environments, ADA, or AT/FP. Primary concerns about the schools include inadequate parking, lack of storage rooms, HVAC systems, water infiltration, asbestos containing materials, and some life safety issues.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Pope and Holbrook Elementary Schools both have a poor condition rating and will diminish greatly over the next few years. Continued use of unsafe, inadequate, and undersized facilities impairs the educational program. If new facilities are not provided, the schools will provide substandard environments that will continue to hamper the educational process. The condition of the schools is impacting the quality of education for the students. Yearly maintenance and utility costs will continue to run high and the schools will continue to struggle performing their mission in a limited capacity due to the inadequate and undersized facilities. Students will continue to be educated in facilities that do not meet adequate ADA accessibility, NFPA fire safety codes, or AT/FP and safety requirements.</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:  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 (571) 372-1405</p>				
<p>12. Supplemental Data:</p> <p>Site Approval: Yes <input type="checkbox"/></p> <p style="padding-left: 100px;">No <input checked="" type="checkbox"/> Expected Date: October 2012</p> <p>Issues: (state no issue or explain the issue)</p> <ol style="list-style-type: none"> <li>a. DDSEB, AICUZ, Airfield, EMR, or wetlands: Wetland mitigation required</li> <li>b. Endangered species/sensitive habitat: No issue-Low risk</li> <li>c. Air quality: No issue</li> <li>d. Cultural/archeological resources: No issue.</li> <li>e. Clearing of trees: Yes-Mitigation required</li> <li>f. Known contamination at selected site: No issue</li> <li>g. Operational problems: No issue</li> <li>h. Traffic patterns impact: Road extension by RCI developer or Installation will be required for site access.</li> <li>i. Existing utilities upgrade: NEC must provide approx 5400 LF off-site extension of communications ductbank fiber and copper from Linden Oaks main communication hub (Gordon Elementary) to the school site</li> <li>j. Ordnance sweep required prior to construction: No issue</li> </ol>				

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<p>Planning:  Consistent with Installation Master Plan: Y  Host Nation Approval: N/A  National Capital Region Approval: N/A  NEPA Documentation Complete: N  Level of NEPA: Environmental Assessment</p> <p>Mitigation Issues:</p> <p>a. Wetlands replacement/enhancement –Y  b. Hazardous Waste –N  c. Contaminated soil/water –N  d. Other –Y-See above</p> <p>A. Design Data (Estimated):</p> <p>(1) Status:</p> <table> <tr> <td>(a) Design Start Date</td> <td>Oct 2012</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 Jan 2013</td> <td>15%</td> </tr> <tr> <td>(d) Expected 35% Design Date</td> <td>Jun 2013</td> </tr> <tr> <td>(e) Design Completion Date</td> <td>Feb 2014</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</td> <td>NO</td> </tr> <tr> <td>(b) Date Design was Most Recently Used</td> <td>N/A</td> </tr> </table> <p>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> <tr> <td>(c) Total Design Cost</td> <td>3,696</td> </tr> <tr> <td>(d) Contract</td> <td>2,218</td> </tr> <tr> <td>(e) In-house</td> <td>1,478</td> </tr> </table> <p>(3) Construction Contract Award Date Jun 2014  (4) Construction Start Date Aug 2014  (5) Construction Completion Date Jun 2016</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table> <thead> <tr> <th>Equipment <u>Nomenclature</u></th> <th>Procuring <u>Appropriation</u></th> <th>Fiscal Year <u>Appropriated Or Requested</u></th> <th>Cost <u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td>Furnishings</td> <td>O&amp;M</td> <td>2016</td> <td>813</td> </tr> <tr> <td>Kitchen</td> <td>O&amp;M</td> <td>2016</td> <td>469</td> </tr> <tr> <td>IT</td> <td>O&amp;M</td> <td>2016</td> <td>1,120</td> </tr> <tr> <td>Education Supplies</td> <td>O&amp;M</td> <td>2016</td> <td>1,458</td> </tr> <tr> <td>Safety Equipment</td> <td>O&amp;M</td> <td>2016</td> <td>77</td> </tr> <tr> <td>Security Equipment</td> <td>O&amp;M</td> <td>2016</td> <td>71</td> </tr> </tbody> </table>					(a) Design Start Date	Oct 2012	(b) Parametric Cost Estimate Used to Develop Costs	YES	(c) Percent of Design Completed as of Jan 2013	15%	(d) Expected 35% Design Date	Jun 2013	(e) Design Completion Date	Feb 2014	(f) Type of Design Contract:	Design/Bid/Build	(a) Standard or Definitive Design	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	3,696	(d) Contract	2,218	(e) In-house	1,478	Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year <u>Appropriated Or Requested</u>	Cost <u>(\$000)</u>	Furnishings	O&M	2016	813	Kitchen	O&M	2016	469	IT	O&M	2016	1,120	Education Supplies	O&M	2016	1,458	Safety Equipment	O&M	2016	77	Security Equipment	O&M	2016	71
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1. COMPONENT DoDEA	<b>FY 2014 MILITARY CONSTRUCTION PROGRAM</b>						2. Date March 2013				
3. Installation and Location MCAS BEAUFORT, SOUTH CAROLINA				4. COMMAND DoDEA			5. AREA CONSTRUCTION COST INDEX 0.96				
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN		
a. AS OF 30 SEP 2011						382				382	
b. END FY 2016						454				454	
7. INVENTORY DATA (\$000)											

TOTAL ACREAGE .....	0
INVENTORY TOTAL AS OF .....	0
AUTHORIZATION NOT YET IN INVENTORY .....	0
AUTHORIZATION REQUESTED IN THIS PROGRAM.....	41,324
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....	0
PLANNED IN NEXT THREE PROGRAM YEARS.....	0
REMAINING DEFICIENCY.....	0
GRAND TOTAL.....	41,324

<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 Bolden Elementary-Middle School	104,227 SF	41,324	Oct 2012	Jun 2016

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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1. COMPONENT DoDEA	FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2. Date March 2013	
3. INSTALLATION AND LOCATION MCAS BEAUFORT, SOUTH CAROLINA			4. PROJECT TITLE: BOLDEN ELEMENTARY-MIDDLE SCHOOL REPLACEMENT		
5. PROGRAM ELEMENT	6. CATEGORY CODE 73061	7. PROJECT NUMBER AM00037	8. PROJECT COST (\$000) 41,324		
<b>9. COST ESTIMATES</b>					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
<b><u>PRIMARY FACILITIES</u></b>					<b>27,787</b>
BOLDEN ELEMENTARY-MIDDLE SCHOOL		SF	104,227	\$253.54	26,426
LEED AND FEDERAL ENERGY ACTS COMPLIANCE		LS			1,361
<b><u>SUPPORTING FACILITIES</u></b>					<b>9,098</b>
ELECTRICAL UTILITIES		LS			534
COMMUNICATIONS		LS			249
WATER/SEWER/GAS UTILITIES		LS			256
STORM DRAINAGE		LS			355
SITE PREPARATION		LS			1,203
ROADS, SIDEWALKS AND PARKING		LS			958
CANOPIES		LS			669
SITE IMPROVEMENTS/PLAYGROUNDS		LS			1,396
ATHLETIC FIELDS		LS			1,605
DEMOLITION - BOLDEN		SF	56,316	\$15.74	886
DEMOLITION - GALER		SF	47,030	\$15.74	740
LOW IMPACT DEVELOPMENT		LS			247
SUBTOTAL					<b>36,885</b>
CONTINGENCY PERCENT (5%)					<u>1,844</u>
ESTIMATED CONTRACT COST					<b>38,729</b>
SUPERVISION, INSPECTION & OVERHEAD (5.7%)					2,208
ENGINEERING DURING CONSTRUCTION (1%)					<u>387</u>
TOTAL REQUEST					<b>41,324</b>
<b>10. DESCRIPTION OF PROPOSED CONSTRUCTION:</b>					
<p>Construct a two story 3<sup>rd</sup> – 8<sup>th</sup> grade elementary-middle school composed of a shallow foundation, steel frame, with CMU or metal stud walls and primarily brick masonry exterior wall finish. Roofing may be standing seam metal with some areas of low slope membrane. Energy efficient light fixtures such as florescent, pendant hung, and recessed may be linked with daylight monitors; floor finishes shall be resilient tile and sheet flooring in most spaces except, hard tile at entries, restrooms, and food service areas. Interior spaces include neighborhoods for 3<sup>rd</sup> – 8<sup>th</sup> grades, information center, flex labs, gymnasium, performance spaces, commons/dining, kitchen, supply areas, specialist rooms, art room, music room, band room, science lab, learning impaired space, OT/PT space, career technical education, teacher work rooms, counseling areas, storage, health offices, administrative offices, and other required areas for a fully functioning elementary/middle school. Geothermal system and natural gas will be utilized for heating and cooling. Sprinkler system will cover entire building. An energy dashboard, along with demonstration versions of a PV panel, a wind turbine, rainwater collection and signage are included as teaching tools.</p> <p>Site improvements include signage, paved drives and parking areas, sidewalks and covered walkways, landscaping, exterior lighting, playground areas and equipment, athletic fields (to meet DoDEA Education Specification requirements and to replace existing facilities that must be demolished and relocated for school construction), tennis courts and basketball courts. AT/FP setbacks are required. The project includes related infrastructure such as, electrical primary service, transformer, and secondary service, direct buried communications ductbank for fiber and copper, aerial fiber line upgrade to Galer hub (3,000 LF off-site) water and gravity sewer services. Other site features include, mechanical</p>					



1. COMPONENT DoDEA	<b>FY 2014 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date March 2013
3. INSTALLATION AND LOCATION MCAS BEAUFORT, SOUTH CAROLINA			4. PROJECT TITLE: BOLDEN ELEMENTARY-MIDDLE SCHOOL REPLACEMENT	
5. PROGRAM ELEMENT	6. CATEGORY CODE 73061	7. PROJECT NUMBER AM00037	8. PROJECT COST (\$000) 41,324	
<p>The facility layout has some inadequacies that impact educational activities. Some soffits exhibit exposed cracked connections. Items of overall concern include deficiencies in meeting ADA criteria. The facility does not meet current AT/FP requirements. Many systems are close to or past their intended life expectancy. The roof system needs replacement. The sewer and plumbing systems and fixtures are in poor condition. There are failures in the water supply and sewer line stoppages. Roof mounted air handlers are in fair to poor condition. There is an issue with inadequate emergency lighting levels and insufficient exit signage. The public address system /intercom requires replacing. Safety, monitoring, and emergency equipment are inadequate for the school. The kitchen equipment will need replacement.</p> <p>Replacing Bolden Elementary-Middle School will provide a facility that can better meet the educational needs of the students as well as provide a more sustainable and energy efficient building that will meet current ADA, Building Code, and AT/FP requirements.</p> <p><b><u>IMPACT IF NOT PROVIDED:</u></b> Bolden Elementary-Middle School is currently classified as “poor condition” and will diminish greatly over the next few years and is projected to be in failing condition by 2016. Continued use of unsafe, inadequate, and undersized facilities impairs the educational program. If new facilities are not provided, the school will provide substandard environments that will continue to hamper the educational process. The condition of the school is impacting the quality of education for the students. Yearly maintenance and utility costs will continue to run high and the schools will continue to struggle performing their mission in a limited capacity due to the inadequate and undersized facilities. Students will continue to be educated in facilities that do not meet adequate ADA accessibility, NFPA fire safety codes, and AT/FP and safety requirements.</p> <p><b><u>ADDITIONAL:</u></b> 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><b><u>JOINT USE CERTIFICATION:</u></b> 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 (571) 372-1405</p>				
<p>12. Supplemental Data:</p> <p>Site Approval: Yes <input type="checkbox"/> Obtained Date:</p> <p>No <input checked="" type="checkbox"/> Expected Date: Sept 2012</p> <p>Issues:</p> <ol style="list-style-type: none"> <li>DDSEB, AICUZ, Airfield, EMR, or wetlands: Wetland areas exist. Buffers established so wetlands remain undisturbed.</li> <li>Endangered species/sensitive habitat: No major issues. No endangered/threatened species. One Osprey nest will be relocated during non-breeding season.</li> <li>Air quality: No Issue</li> <li>Cultural/archeological resources: None anticipated, but survey not complete.</li> <li>Clearing of trees: Yes, Limited and no mitigation required.</li> <li>Known contamination at selected site: No Issue.</li> <li>Operational problems: No Issue.</li> </ol>				

1. COMPONENT DoDEA	<b>FY 2014 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date March 2013																										
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5. PROGRAM ELEMENT	6. CATEGORY CODE 73061	7. PROJECT NUMBER AM00037	8. PROJECT COST (\$000) 41,324																											
<p>h. Traffic patterns impact: No Issue except must provide temporary access road to Elliott Elementary School. Road will remain as permanent improvement for traffic flow to relieve congestion.</p> <p>i. Existing utilities upgrade: Utility mains with capacity exist on site or nearby, will require minimal extension to the site.</p> <p>j. Ordnance sweep required prior to construction: No Issue</p> <p>Planning: Consistent with Installation Master Plan: Yes</p> <p>Host Nation Approval: N/A</p> <p>National Capital Region Approval: N/A</p> <p>NEPA Documentation Complete: Not yet Level of NEPA: Cat-X</p> <p>Mitigation Issues:</p> <p>a. Wetlands replacement/enhancement – No Issue</p> <p>b. Hazardous Waste – No Issue</p> <p>c. Contaminated soil/water – No Issue</p> <p>d. Other – No Issue</p> <p>A. Design Data (Estimated):</p> <p>(1) Status:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">(a) Design Start Date</td> <td style="text-align: right;">Oct 2012</td> </tr> <tr> <td>(b) Parametric Cost Estimate Used to Develop Costs</td> <td style="text-align: right;">Yes</td> </tr> <tr> <td>(c) Percent of Design Completed as of Jan 2013</td> <td style="text-align: right;">15%</td> </tr> <tr> <td>(d) Expected 35% Design Date</td> <td style="text-align: right;">Jul 2013</td> </tr> <tr> <td>(e) Design Completion Date</td> <td style="text-align: right;">Mar 2014</td> </tr> <tr> <td>(f) Type of Design Contract:</td> <td style="text-align: right;">Design/Bid/Build</td> </tr> </table> <p>(2) Basis:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">(a) Standard or Definitive Design</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 style="width: 100%; border: none;"> <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;">4,124</td> </tr> <tr> <td>(d) Contract</td> <td style="text-align: right;">2,474</td> </tr> <tr> <td>(e) In-house</td> <td style="text-align: right;">1,650</td> </tr> </table> <p>(4) Construction Contract Award Date <span style="float: right;">Jun 2014</span></p> <p>(5) Construction Start Date <span style="float: right;">Aug 2014</span></p> <p>(6) Construction Completion Date <span style="float: right;">Jun 2016</span></p>					(a) Design Start Date	Oct 2012	(b) Parametric Cost Estimate Used to Develop Costs	Yes	(c) Percent of Design Completed as of Jan 2013	15%	(d) Expected 35% Design Date	Jul 2013	(e) Design Completion Date	Mar 2014	(f) Type of Design Contract:	Design/Bid/Build	(a) Standard or Definitive Design	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	4,124	(d) Contract	2,474	(e) In-house	1,650
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1. COMPONENT DoDEA	<b>FY 2014 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date March 2013																												
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5. PROGRAM ELEMENT	6. CATEGORY CODE 73061	7. PROJECT NUMBER AM00037	8. PROJECT COST (\$000) 41,324																													
<p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table border="0" data-bbox="212 478 1235 751"> <thead> <tr> <th data-bbox="212 506 370 562"><u>Equipment Nomenclature</u></th> <th data-bbox="532 506 686 562"><u>Procuring Appropriation</u></th> <th data-bbox="846 478 995 562"><u>Fiscal Year Appropriated Or Requested</u></th> <th data-bbox="1166 506 1235 562"><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="212 569 345 596">Furnishings</td> <td data-bbox="565 569 634 596">O&amp;M</td> <td data-bbox="886 569 946 596">2016</td> <td data-bbox="1182 569 1227 596">591</td> </tr> <tr> <td data-bbox="212 600 305 627">Kitchen</td> <td data-bbox="565 600 634 627">O&amp;M</td> <td data-bbox="886 600 946 627">2016</td> <td data-bbox="1182 600 1227 627">341</td> </tr> <tr> <td data-bbox="212 632 245 659">IT</td> <td data-bbox="565 632 634 659">O&amp;M</td> <td data-bbox="886 632 946 659">2016</td> <td data-bbox="1182 632 1227 659">984</td> </tr> <tr> <td data-bbox="212 663 427 690">Education Supplies</td> <td data-bbox="565 663 634 690">O&amp;M</td> <td data-bbox="886 663 946 690">2016</td> <td data-bbox="1166 663 1227 690">1,060</td> </tr> <tr> <td data-bbox="212 695 410 722">Safety Equipment</td> <td data-bbox="565 695 634 722">O&amp;M</td> <td data-bbox="886 695 946 722">2016</td> <td data-bbox="1198 695 1227 722">58</td> </tr> <tr> <td data-bbox="212 726 431 753">Security Equipment</td> <td data-bbox="565 726 634 753">O&amp;M</td> <td data-bbox="886 726 946 753">2016</td> <td data-bbox="1198 726 1227 753">52</td> </tr> </tbody> </table>					<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>	Furnishings	O&M	2016	591	Kitchen	O&M	2016	341	IT	O&M	2016	984	Education Supplies	O&M	2016	1,060	Safety Equipment	O&M	2016	58	Security Equipment	O&M	2016	52
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1. COMPONENT DoDEA	<b>FY 2014 MILITARY CONSTRUCTION PROGRAM</b>						2. Date March 2013			
3. Installation and Location  MARINE CORPS BASE QUANTICO, VIRGINIA				4. COMMAND  DoDEA		5. AREA CONSTRUCTION COST INDEX 1.01				
6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 Sep 2011						283				283
b. END FY 2016						350				350
7. INVENTORY DATA (\$000)										

TOTAL ACREAGE .....	0
INVENTORY TOTAL AS OF .....	0
AUTHORIZATION NOT YET IN INVENTORY.....	0
AUTHORIZATION REQUESTED IN THIS PROGRAM.....	40,586
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....	0
PLANNED IN NEXT THREE PROGRAM YEARS.....	0
REMAINING DEFICIENCY.....	0
GRAND TOTAL.....	40,586

<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 Quantico Middle/High School	116,042 SF	40,586	Jan 2012	Jun 2016

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM  
None

b. PLANNED IN NEXT THREE YEARS  
None

10. MISSION OR MAJOR FUNCTIONS  
Military Dependent Education

1. COMPONENT DoDEA	FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2. Date March 2013	
3. INSTALLATION AND LOCATION MARINE CORPS BASE QUANTICO, VIRGINIA			4. PROJECT TITLE: QUANTICO MIDDLE/HIGH SCHOOL REPLACEMENT		
5. PROGRAM ELEMENT	6. CATEGORY CODE 73061	7. PROJECT NUMBER AM00021	8. PROJECT COST (\$000) 40,586		
<b>9. COST ESTIMATES</b>					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
<b><u>PRIMARY FACILITIES</u></b>					<b>29,756</b>
QUANTICO MIDDLE/HIGH SCHOOL		SF	116,042	243.84	28,296
LEED AND FEDERAL ENERGY ACTS COMPLIANCE		LS			1,460
<b><u>SUPPORTING FACILITIES</u></b>					<b>6,471</b>
CANOPIES		LS			82
ELECTRICAL UTILITIES		LS			1,760
WATER/SEWER UTILITIES		LS			185
COMMUNICATIONS UTILITIES		LS			104
SITE PREPARATION		LS			363
ROADS, SIDEWALKS AND PARKING		LS			790
SITE IMPROVEMENTS		LS			1,496
DEMOLITION		SF	81,407	15.48	1,261
LOW IMPACT DEVELOPMENT		LS			430
SUBTOTAL					<b>36,227</b>
CONTINGENCY PERCENT (5%)					<u>1,811</u>
ESTIMATED CONTRACT COST					<b>38,038</b>
SUPERVISION, INSPECTION & OVERHEAD (5.7%)					2,168
ENGINEERING DURING CONSTRUCTION (1%)					<u>380</u>
TOTAL REQUEST					<b>40,586</b>
<b>10. DESCRIPTION OF PROPOSED CONSTRUCTION:</b>					
<p>Construct a two story middle/high school composed of standard foundations and structural steel frame with brick, cast stone, and glass. Interior construction will consist of but not be limited to masonry walls for halls, restrooms, mechanical rooms, meeting rooms, and counseling rooms; drywall partitions to be used for classrooms; various ceiling types including acoustical lay-in ceiling, drywall, and decorative exposed ceilings with appropriate energy efficient light fixtures including but not limited to, direct/indirect, pendant hung, and recessed. Flooring will consist of resilient flooring material for class rooms, entries, halls; carpet for admin offices; hard tile for restrooms; and Solid Vinyl Tile (SVT) for food areas. The project includes site improvements such as signage, fencing, parking lot and service access paving, landscaping, covered walkways, exterior lighting, utilities, athletic fields with track and field facilities. Interior spaces include general purpose classrooms, lab spaces, information center, gymnasium, cafeteria, library, supply areas, specialist rooms, art room, learning impaired room, teacher work rooms, counseling areas, storage, administrative offices, and other required areas for a fully functioning middle/high school. Cafeteria, food service and information center areas were sized for the future total middle/high school population. This school also includes Information Technology Support space that serves all schools at Marine Corp Base Quantico.</p> <p>The project includes related infrastructure such as parking areas, mechanical rooms, delivery areas, athletic fields with bleachers and playgrounds. The project will require demolishing the existing Middle/High School buildings for a total of 81,407 SF.</p>					

1. COMPONENT DoDEA	<b>FY 2014 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date March 2013																				
3. INSTALLATION AND LOCATION  MARINE CORPS BASE QUANTICO, VIRGINIA			4. PROJECT TITLE:  QUANTICO MIDDLE/HIGH SCHOOL REPLACEMENT																					
5. PROGRAM ELEMENT	6. CATEGORY CODE  73061	7. PROJECT NUMBER  AM00021	8. PROJECT COST (\$000)  40,586																					
<p>DEMO Table:</p> <table border="1" data-bbox="201 470 537 772"> <thead> <tr> <th><u>Bldg #</u></th> <th><u>Area (SF)</u></th> </tr> </thead> <tbody> <tr><td>03307</td><td>70,173 SF</td></tr> <tr><td>3307E</td><td>2,114 SF</td></tr> <tr><td>3307F</td><td>2,114 SF</td></tr> <tr><td>3307G</td><td>2,134 SF</td></tr> <tr><td>3307A</td><td>1,218 SF</td></tr> <tr><td>3307B</td><td>1,218 SF</td></tr> <tr><td>3307C</td><td>1,218 SF</td></tr> <tr><td>3307D</td><td>1,218 SF</td></tr> <tr><td></td><td>81,407 SF</td></tr> </tbody> </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 certification will be the goal of the project.</p> <p>Facilities will be designed in accordance with current DoDEA Education 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. International Building Code (IBC) latest version.</p> <p>Air Conditioning Load: 220 TONS</p>					<u>Bldg #</u>	<u>Area (SF)</u>	03307	70,173 SF	3307E	2,114 SF	3307F	2,114 SF	3307G	2,134 SF	3307A	1,218 SF	3307B	1,218 SF	3307C	1,218 SF	3307D	1,218 SF		81,407 SF
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	81,407 SF																							
<p>11. REQUIREMENT: 116,042 SF                      ADQT: 0 SF                      SUBSTD: 81,407 SF</p> <p><u>PROJECT:</u> Replace the existing Middle/High School facility by constructing a new Middle/High School facility.</p> <p><u>REQUIREMENT:</u> The new school is required to provide adequate academic facilities for 350 students in grades 6-12. School population based on anticipated 2015 enrollment year.</p> <p><u>CURRENT SITUATION:</u> The existing facilities were constructed in 1960 and have a failing condition rating. Existing classroom and education spaces are undersized and have inadequate infrastructure that fails to meet the standards of the DoDEA Education Specifications. Aging utility infrastructure systems result in excessive maintenance costs. Most infrastructure components, such as HVAC, electrical and plumbing, have exceeded their useful life. The roof system is failing and there are numerous leaks that cause damage to the interior of the facility. There are numerous NFPA Life Safety and ADA code deficiencies, no fire suppression systems, and poor indoor air quality. 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 many of 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 continue to run high and the school will continue to struggle performing their mission in a limited capacity due to the inadequate and undersized facilities.</p>																								

1. COMPONENT DoDEA	<b>FY 2014 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date March 2013
3. INSTALLATION AND LOCATION  MARINE CORPS BASE QUANTICO, VIRGINIA			4. PROJECT TITLE:  QUANTICO MIDDLE/HIGH SCHOOL REPLACEMENT	
5. PROGRAM ELEMENT	6. CATEGORY CODE  73061	7. PROJECT NUMBER  AM00021	8. PROJECT COST (\$000)  40,586	
<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:  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) 571-1405</p> <p>12. Supplemental Data:</p> <p>Site Approval: Yes <input checked="" type="checkbox"/> Obtained Date: Utilizing existing school site, no approval required  No <input type="checkbox"/> Expected Date:</p> <p>Issues: (state no issue or explain the issue)</p> <ul style="list-style-type: none"> <li>a. DDESAB, AICUZ, Airfield, EMR, or wetlands: No issue</li> <li>b. Endangered species/sensitive habitat: No issue</li> <li>c. Air quality: No issue</li> <li>d. Cultural/archeological resources: No issue</li> <li>e. Clearing of trees: Minimal</li> <li>f. Known contamination at selected site: No issue</li> <li>g. Operational problems: Possibly an issue due to remote athletic fields</li> <li>h. Traffic patterns impact: Traffic congestion issue due to FY11 Consolidated ES MILCON project</li> <li>i. Existing utilities upgrade: No issue</li> <li>j. Ordnance sweep required prior to construction: Yes-Anticipated UXOs possible</li> </ul> <p>Planning:  Consistent with Installation Master Plan: Y  Host Nation Approval: N/A  National Capital Region Approval: N/A  NEPA Documentation Complete: N-To be completed by Quantico  Level of NEPA: Categorical Exclusion</p> <p>Mitigation Issues:</p> <ul style="list-style-type: none"> <li>a. Wetlands replacement/enhancement – N</li> <li>b. Hazardous Waste – Y-Minimal with demolition of existing school</li> <li>c. Contaminated soil/water – N</li> <li>d. Other – N</li> </ul>				

1. COMPONENT DoDEA	FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2. Date March 2013
3. INSTALLATION AND LOCATION MARINE CORPS BASE QUANTICO, VIRGINIA			4. PROJECT TITLE: QUANTICO MIDDLE/HIGH SCHOOL REPLACEMENT	
5. PROGRAM ELEMENT	6. CATEGORY CODE 73061	7. PROJECT NUMBER AM00021	8. PROJECT COST (\$000) 40,586	
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 Jan 2013				15%
(d) Expected 35% Design Date				Jul 2013
(e) Design Completion Date				Mar 2014
(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
(3) Total Design Cost (c)=(a)+(b) OR (d)+(e):				
(a) Production of Plans and Specifications				NO
(b) All Other Design Costs				
(c) Total Design Cost				4,051
(d) Contract				2,431
(e) In-house				1,620
(4) Construction Contract Award Date				Jun 2014
(5) Construction Start Date				Aug 2014
(6) Construction Completion Date				Jun 2016
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		455
Kitchen	O&M	2015		263
IT	O&M	2015		900
Education Supplies	O&M	2015		817
Safety Equipment	O&M	2015		45
Security Equipment	O&M	2015		40

1. COMPONENT DoDEA	<b>FY 2014 MILITARY CONSTRUCTION PROGRAM</b>						2. Date March 2013			
3. Installation and Location  USAG WIESBADEN, GERMANY				4. COMMAND  DoDEA		5. AREA CONSTRUCTION COST INDEX 1.32				
6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 SEP 2011						988				988
b. END FY 2016						1,240				1,240
7. INVENTORY DATA (\$000)										

TOTAL ACREAGE .....	0
INVENTORY TOTAL AS OF .....	0
AUTHORIZATION NOT YET IN INVENTORY.....	0
AUTHORIZATION REQUESTED IN THIS PROGRAM.....	109,655
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....	0
PLANNED IN NEXT THREE PROGRAM YEARS.....	0
REMAINING DEFICIENCY.....	0
GRAND TOTAL.....	109,655

<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 Hainerberg Elementary School	112,493 SF	58,899	Feb 2012	Jun 2017
73046	Replace Wiesbaden Middle School	123,160 SF	50,756	Feb 2012	Jun 2017

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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1. COMPONENT DoDEA	FY14 MILITARY CONSTRUCTION PROJECT DATA			2. Date March 2013	
3. INSTALLATION AND LOCATION USAG WIESBADEN, GERMANY			4. PROJECT TITLE: HAINERBERG ELEMENTARY SCHOOL REPLACEMENT		
5. PROGRAM ELEMENT	6. CATEGORY CODE 73046	7. PROJECT NUMBER EU00049	8. PROJECT COST (\$000) 58,899		
<b>9. COST ESTIMATES</b>					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
<b>PRIMARY FACILITIES</b>					<b>43,854</b>
HAINERBERG ELEMENTARY SCHOOL		SF	112,493	301.56	33,923
RENOVATION		SF	17,728	203.75	3,613
SDD AND FEDERAL ENERGY ACTS COMPLIANCE		LS			18
SPECIAL COSTS (TEMPORARY FACILITIES)		LS			6,300
<b>SUPPORTING FACILITIES</b>					<b>8,327</b>
SPECIAL CONSTRUCTION FEATURE		LS			518
CANOPIES		LS			95
ELECTRICAL UTILITIES		LS			899
COMMUNICATIONS		LS			183
WATER/SEWER UTILITIES		LS			732
SITE PREPARATION		LS			457
ROADS, SIDEWALKS AND PARKING		LS			2,263
SITE IMPROVEMENTS AND PLAYGROUNDS		LS			893
DEMOLITION - BUILDINGS		SF	118,117	16.16	1,909
LOW IMPACT DEVELOPMENT (0.7%)		LS			378
SUBTOTAL					<b>52,181</b>
CONTINGENCY PERCENT (5%)					<u>2,609</u>
ESTIMATED CONTRACT COST					<b>54,790</b>
SUPERVISION, INSPECTION & OVERHEAD (6.5%)					3,561
ENGINEERING DURING CONSTRUCTION (1%)					<u>548</u>
TOTAL REQUEST					<b>58,899</b>
10. DESCRIPTION OF PROPOSED CONSTRUCTION:					
<p>Construct a new two story elementary school composed of continuous strip footings with stem walls and integrated slab-on-ground with twice the reinforcement. Special foundations may be required for this project based upon poor local soil conditions and on several recent projects in close proximity to the proposed project site. Exterior wall construction may be composed of reinforced concrete columns and walls, reinforced concrete/steel structure and/or masonry load/non-load bearing walls and partitions. Exterior wall finishes may consist of plaster/stucco, stone, brick veneer, or glass as required.</p> <p>Interior construction may consist of plastered reinforced concrete walls, masonry, priva-lite style panels/partitions, gypsum board partitions or other interior wall systems as appropriate for the various program spaces and uses.</p> <p>Interior spaces include, learning studios, learning hubs, learning impaired rooms, staff collaboration areas, flex laboratories, art classrooms, kiln room, music rooms, occupational therapy/physical therapy (OT/PT) room, shared commons space, stage, information center, kitchen/serving area, administrative offices, health center, guidance offices, meeting rooms, mechanical rooms, restrooms, halls, computer network areas, storage rooms, utility rooms and other required areas for a fully functioning elementary school.</p> <p>Interior ceiling materials may include but are not limited to lathing and plaster, suspended acoustical tiles, and/or other ceiling systems, as may be required. Lighting may include energy efficient fluorescent, halogen, and/or LED lighting as dictated by environmental requirements. Flooring materials to be utilized may include resilient flooring, raised, rubber flooring, vinyl composition tile, sheet vinyl, tile, carpet, and/or other flooring materials as appropriate to each space and use.</p>					

1. COMPONENT DoDEA	<b>FY14 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date March 2013										
3. INSTALLATION AND LOCATION  USAG WIESBADEN, GERMANY			4. PROJECT TITLE:  HAINERBERG ELEMENTARY SCHOOL REPLACEMENT											
5. PROGRAM ELEMENT	6. CATEGORY CODE  73046	7. PROJECT NUMBER  EU00049	8. PROJECT COST (\$000)  58,899											
<p>This project includes site improvements such as; bus loading and unloading areas, van drop off, vehicular drives and parking, signage, fencing, walkway paving, student drop-off areas, delivery areas, and recreation areas to include playground/equipment areas, landscaping, covered walkways, exterior lighting, electrical/water/sewer/communications and mechanical utilities.</p> <p>Shared commons, food service, and information center areas are sized for the future elementary school population.</p> <p>The project will require the comprehensive renovation and repurposing of the existing elementary school multipurpose building for a total of 17,728 SF. The existing multi-purpose building will undergo renovations of the envelope, and mechanical and electrical systems to comply with new energy requirements. Additionally, interior finishes, interior &amp; exterior demolition/construction will be required to repurpose portions of the building into OT/PT space, maintenance support spaces, and to integrate the existing building into the new school facility.</p> <p>The project will require demolishing buildings #7778, 7778A, and #7882 for a total of 118,177 SF.</p> <p><b>DEMO Table</b></p> <table border="1" data-bbox="201 898 451 1050"> <thead> <tr> <th><u>Bldg.#</u></th> <th><u>Area (SF)</u></th> </tr> </thead> <tbody> <tr> <td>7778</td> <td>109,211</td> </tr> <tr> <td>7778A</td> <td>7,158</td> </tr> <tr> <td><u>7882</u></td> <td><u>1,808</u></td> </tr> <tr> <td>Total</td> <td>118,177</td> </tr> </tbody> </table> <p>The use of temporary classroom facilities will be included for the duration of the construction schedule to accommodate the phased demolition of buildings. Construction for the new and temporary facilities is within an identified established military housing 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 certified will be the goal of the project.</p> <p>Facilities will be designed in accordance with DoDEA 21st Century Education Facilities Specifications, Antiterrorism/Force Protection (AT/FP) construction standards, 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 per U.S. Federal and Host Nation Environmental laws and Regulations.</p> <p><b>Air Conditioning Load: 33.3 TONS</b></p>					<u>Bldg.#</u>	<u>Area (SF)</u>	7778	109,211	7778A	7,158	<u>7882</u>	<u>1,808</u>	Total	118,177
<u>Bldg.#</u>	<u>Area (SF)</u>													
7778	109,211													
7778A	7,158													
<u>7882</u>	<u>1,808</u>													
Total	118,177													
<p>11. REQUIREMENT: 112,493 SF      ADQT: 17,728 SF      SUBSTD: 118,177 SF</p> <p><b><u>PROJECT:</u></b></p> <p>Replace the existing elementary school facility by constructing a new elementary school facility. This project constructs a new elementary school.</p> <p><b><u>REQUIREMENT:</u></b></p> <p>The new school is required to provide adequate academic facilities for 700 students in Pre-Kindergarten, Sure Start, Kindergarten, and grades 1<sup>st</sup> through 5th. The school population is based on current enrollment for student year 2012-2013.</p>														



1. COMPONENT DoDEA	<b>FY14 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date March 2013
3. INSTALLATION AND LOCATION  USAG WIESBADEN, GERMANY			4. PROJECT TITLE:  HAINERBERG ELEMENTARY SCHOOL REPLACEMENT	
5. PROGRAM ELEMENT	6. CATEGORY CODE  73046	7. PROJECT NUMBER  EU00049	8. PROJECT COST (\$000)  58,899	
<p><b><u>CURRENT SITUATION:</u></b></p> <p>The existing facilities consist of a portion of building #7778 (109,211 SF) which was built in 1953, building #7881(1,808 SF) which was built in 1983 and is a small temporary building housing the TMC office supporting all Wiesbaden Schools and one special purpose classroom building, and the existing MPR building (17,728 SF) which was built in 2003 and will not be demolished but will be repurposed/renovated. The current facility has a condition rating of “failing” meaning it is more economical in the long term to replace the faculty rather than paying maintenance and repair costs.</p> <p>Additionally, undersized existing classrooms and the current layout of the facility reduce 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.</p> <p>Ventilation is inadequate in the majority of classrooms. All electrical wiring is original and in need of replacement. There is no functional security system in place and there are a limited amount of CCTV cameras to monitor the campus.</p> <p>There are numerous NFPA Life Safety violations including but not limited to inadequate fire suppression systems, inadequate exit signage, inadequate smoke compartmentalization, missing panic hardware at points of egress, lack of storage capacity, and non-compliant handrails at stairwells.</p> <p>There are numerous Americans with Disabilities Act (ADA) deficiencies including but not limited to a non-compliant elevator (force required to open doors exceeds ADA standards), drinking fountains are inadequate, no maneuvering space in toilet rooms, and areas of rescue assistance are not provided.</p> <p>Site deficiencies include no dedicated parking and the facility must share on-street parking with housing occupants. Playground equipment has numerous safety deficiencies including openings that can trap, inadequate protective surfacing, and inadequate fall zones. Additionally, the facilities do not meet construction standards for energy efficiency and do not adhere to the strict guidelines for ATPF.</p> <p><b><u>IMPACT IF NOT PROVIDED:</u></b></p> <p>The continued use of the existing inadequate facilities at Hainerberg Elementary School will result in an impaired ability for the facility to implement DoDEA’s 21st Century educational pedagogy and provide the highest level of education to students. The existing facilities will continue to hamper student education, motivation and inspiration. If new facilities are not provided, the outdated buildings and systems will continue to compound yearly maintenance and operational costs as well as cause interruptions to school operations. Current equipment/infrastructure that are outdated, failing, and in need of repair/replacement are the HVAC, electrical service/distribution, elevator, ceiling systems, casework, emergency and exit lights, exterior doors and windows, floor finishes, intercom system, kitchen equipment, LAN, lighting, plumbing fixtures, toilet partitions, and accessories and wall finishes. The current facilities will not be able to support the 21st Century curriculum and DoDEA’s energy savings and sustainability initiatives.</p> <p><b><u>ADDITIONAL:</u></b></p> <p>This project has been coordinated with the installation physical security plans and all AT/FP measures are included to meet current standards.</p> <p>The use of temporary classroom facilities will be included for the duration construction schedule to accommodate the phased demolition of buildings.</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>				

1. COMPONENT DoDEA	<b>FY14 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date March 2013
3. INSTALLATION AND LOCATION  USAG WIESBADEN, GERMANY			4. PROJECT TITLE:  HAINERBERG ELEMENTARY SCHOOL REPLACEMENT	
5. PROGRAM ELEMENT	6. CATEGORY CODE  73046	7. PROJECT NUMBER  EU00049	8. PROJECT COST (\$000)  58,899	
<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 (571) 372-1405</p>				
<p>12. Supplemental Data:</p> <p>Site Approval: Yes <input checked="" type="checkbox"/> Obtained Date: 23 May 12  No <input type="checkbox"/> Expected Date:</p> <p>Issues: (state no issue or explain the issue)</p> <ol style="list-style-type: none"> <li>a. DDESAB, AICUZ, Airfield, EMR, or wetlands: No issue</li> <li>b. Endangered species/sensitive habitat: No issue</li> <li>c. Air quality: No issue</li> <li>d. Cultural/archeological resources: Historic monument preservation issues are not known but will be treated in compliance with all local, state, and national regulations and requirements during further design in case of occurrence.</li> <li>e. Clearing of trees: Clearing of trees will be required an included within the project costs. The garrison will be responsible for the environmental compensation associated with cutting of trees.</li> <li>f. Known contamination at selected site: According to information provided by local DPW, Asbestos and PAH contaminations may be subject of required demolition.</li> <li>g. Operational problems: No issue</li> <li>h. Traffic patterns impact: A new road connection between Texasstrasse and Virginiastrasse will be required to lead the school busses through Hainerberg without great disturbance to the residents.</li> <li>i. Existing utilities upgrade: No Issue</li> <li>j. Ordinance sweep required prior to construction: No issue</li> </ol> <p>Planning:  Consistent with Installation Master Plan: Yes  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: Not required</p> <p>Mitigation Issues:</p> <ol style="list-style-type: none"> <li>a. Wetlands replacement/enhancement: No</li> <li>b. Hazardous Waste: Yes, According to information provided by local DPW, Asbestos and PAH contaminations may be subject of required demolition.</li> <li>c. Contaminated soil/water: No</li> <li>d. Other: No</li> </ol>				

1. COMPONENT DoDEA	FY14 MILITARY CONSTRUCTION PROJECT DATA			2. Date March 2013
3. INSTALLATION AND LOCATION USAG WIESBADEN, GERMANY			4. PROJECT TITLE: HAINERBERG ELEMENTARY SCHOOL REPLACEMENT	
5. PROGRAM ELEMENT	6. CATEGORY CODE 73046	7. PROJECT NUMBER EU00049	8. PROJECT COST (\$000) 58,899	
A. Design Data (Estimated):				
(1) Status:				
(a) Design Start Date				Feb 2012
(b) Parametric Cost Estimate Used to Develop Costs				Yes
(c) Percent of Design Completed as of Jan 2013				15%
(d) Expected 35% Design Date				Jul 2013
(e) Design Completion Date				Mar 2014
(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
(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				5,904
(d) Contract				3,542
(e) In-house				2,362
(4) Construction Contract Award Date				Sep 2014
(5) Construction Start Date				Oct 2014
(6) Construction Completion Date				Nov 2016
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	FY17		910
Kitchen	O&M	FY17		526
IT	O&M	FY17		1,180
Education Supplies	O&M	FY17		1,633
Safety Equipment	O&M	FY17		86
Security Equipment	O&M	FY17		80

1. COMPONENT DoDEA	FY2014 MILITARY CONSTRUCTION PROJECT DATA			2. Date March 2013	
3. INSTALLATION AND LOCATION USAG WIESBADEN, GERMANY			4. PROJECT TITLE: WIESBADEN MIDDLE SCHOOL REPLACEMENT		
5. PROGRAM ELEMENT	6. CATEGORY CODE 73046	7. PROJECT NUMBER EU00072	8. PROJECT COST (\$000) 50,756		
<b>9. COST ESTIMATES</b>					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
<b>PRIMARY FACILITIES</b>					<b>38,877</b>
WIESBADEN MIDDLE SCHOOL		SF	123,160	315.52	38,859
SDD AND FEDERAL ENERGY ACTS COMPLIANCE		LS			18
<b>SUPPORTING FACILITIES</b>					<b>6,090</b>
SPECIAL CONSTRUCTION FEATURE		LS			585
CANOPIES		LS			94
ELECTRICAL UTILITIES		LS			346
COMMUNICATION		LS			173
WATER/SEWER UTILITIES		LS			616
SITE PREPARATION		LS			260
ROADS, SIDEWALKS AND PARKING		LS			1,518
SITE IMPROVEMENTS		LS			949
DEMOLITION		SF	99,211	15.61	1,549
SUBTOTAL					<b>44,967</b>
CONTINGENCY PERCENT (5%)					<u>2,248</u>
ESTIMATED CONTRACT COST					<b>47,215</b>
SUPERVISION, INSPECTION & OVERHEAD (6.5%)					3,069
ENGINEERING DURING CONSTRUCTION (1%)					<u>472</u>
TOTAL REQUEST					<b>50,756</b>
<p><b>10. DESCRIPTION OF PROPOSED CONSTRUCTION:</b></p> <p>Construct a new two story middle school composed of continuous strip footings with stem walls and integrated slab-on-ground with twice the reinforcement. Special foundations may be required for this project based upon poor local soil conditions and on several recent projects in close proximity to the proposed project site. Exterior wall construction may be composed of reinforced concrete columns and walls, reinforced concrete/steel structure and/or masonry load/non-load bearing walls and partitions. Exterior wall finishes may consist of plaster/stucco, stone, brick veneer or glass as required.</p> <p>Interior construction may consist of plastered reinforced concrete walls, masonry, priva-lite style panels/partitions, gypsum board partitions or other interior wall systems as appropriate for the various program spaces and uses.</p> <p>Interior spaces include, learning studios, learning hubs, learning impaired rooms, staff collaboration areas, CTE labs, flex laboratories, science labs, art classrooms, kiln room, music rooms, occupational therapy/physical therapy (OT/PT) room, shared commons space, performance space, stage, information center, gymnasium, lockers, kitchen/serving area, administrative offices, health center, guidance offices, meeting rooms, mechanical rooms, restrooms, halls, computer network areas, storage rooms, utility rooms and other required areas for a fully functioning middle school.</p> <p>Interior ceilings materials may include but are not limited to lathing and plaster, suspended acoustical tiles, and/or other ceiling systems, as may be required. Lighting may include energy efficient fluorescent, halogen, and/or LED lighting as dictated by environmental requirements. Flooring materials to be utilized may include resilient flooring, raised, rubber flooring, vinyl composition tile, sheet vinyl, tile, carpet, and/or other flooring materials as appropriate to each space and use.</p> <p>This project includes site improvements such as; bus loading and unloading areas, van drop off, vehicular drives and parking, signage, fencing, walkway paving, student drop-off areas, delivery areas, and recreation areas to include playground/equipment areas, landscaping, covered walkways, exterior lighting, electrical/water/sewer and mechanical utilities.</p>					

1. COMPONENT DoDEA	<b>FY2014 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date March 2013								
3. INSTALLATION AND LOCATION  USAG WIESBADEN, GERMANY			4. PROJECT TITLE:  WIESBADEN MIDDLE SCHOOL REPLACEMENT									
5. PROGRAM ELEMENT	6. CATEGORY CODE  73046	7. PROJECT NUMBER  EU00072	8. PROJECT COST (\$000)  50,756									
<p>Shared commons, food service, and information center areas are sized for the future middle school population.</p> <p>The project will require demolishing buildings #7778 and #7881 for a total of 99,211 SF.</p> <p>DEMO Table</p> <table border="1" data-bbox="203 562 451 682"> <thead> <tr> <th><u>Bldg.#</u></th> <th><u>Area (SF)</u></th> </tr> </thead> <tbody> <tr> <td>7778</td> <td>97,403</td> </tr> <tr> <td>7881</td> <td>1,808</td> </tr> <tr> <td>Total</td> <td>99,211</td> </tr> </tbody> </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 certified will be the goal of the project.</p> <p>Facilities will be designed in accordance with DoDEA 21st Century Education Facilities Specifications, Antiterrorism/Force Protection (AT/FP) construction standards, 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 per U.S. Federal and Host Nation Environmental laws and Regulations.</p> <p>Air Conditioning Load: 25 TONS</p>					<u>Bldg.#</u>	<u>Area (SF)</u>	7778	97,403	7881	1,808	Total	99,211
<u>Bldg.#</u>	<u>Area (SF)</u>											
7778	97,403											
7881	1,808											
Total	99,211											
<p>11. REQUIREMENT: 123,160 SF      ADQT: 0 SF      SUBSTD: 99,211 SF</p> <p><u>PROJECT:</u></p> <p>Replace the existing middle school facility by constructing a new middle school facility. This project constructs a new middle school</p> <p><u>REQUIREMENT:</u></p> <p>The new school is required to provide adequate academic facilities for 540 students in grades 6<sup>th</sup> - 8th. The school population is based on current enrollment for student year 2012-2013.</p> <p><u>CURRENT SITUATION:</u></p> <p>The existing facilities consist of a portion of building #7778 (109,211 SF) which was built in 1953 and building #7882 (1,808 SF). The current facility has a condition rating of “failing” meaning it is more economical in the long term to replace the facility rather than paying maintenance and repair costs.</p> <p>Additionally, undersized classrooms and the current layout of the facility reduce 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.</p> <p>Ventilation is inadequate in the majority of classrooms. All electrical wiring is original and in need of replacement. There is no functional security system in place and there is a limited amount of CCTV cameras to monitor the campus. There are numerous NFPA Life Safety violations including but not limited to inadequate fire suppression systems, inadequate exit signage, inadequate smoke compartmentalization, missing panic hardware at points of egress, lack of storage capacity, and non-compliant handrails at stairwells.</p>												

1. COMPONENT DoDEA	<b>FY2014 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date March 2013
3. INSTALLATION AND LOCATION  USAG WIESBADEN, GERMANY			4. PROJECT TITLE:  WIESBADEN MIDDLE SCHOOL REPLACEMENT	
5. PROGRAM ELEMENT	6. CATEGORY CODE  73046	7. PROJECT NUMBER  EU00072	8. PROJECT COST (\$000)  50,756	
<p>There are numerous Americans with Disabilities Act (ADA) deficiencies including but not limited to a non-compliant elevator (force required to open doors exceeds ADA standards), drinking fountains are inadequate, no maneuvering space in toilet rooms, and areas of rescue assistance are not provided.</p> <p>Site deficiencies include no dedicated parking and the facility must share on-street parking with housing occupants. Playground equipment has numerous safety deficiencies including openings that can trap, inadequate protective surfacing, and inadequate fall zones. Additionally, the facilities do not meet construction standards for energy efficiency and do not adhere to the strict guidelines for AT/FP.</p> <p><b><u>IMPACT IF NOT PROVIDED:</u></b></p> <p>The continued use of the existing inadequate facilities at Wiesbaden Middle School will result in an impaired ability for the facility to implement DoDEA's 21st Century educational pedagogy and provide the highest level of education to students. The failing facilities will continue to hamper student education, motivation, and inspiration. If new facilities are not provided the outdated buildings and systems will continue to compound yearly maintenance and operational costs as well as cause interruptions to school operations. Current equipment/infrastructure that is outdated, failing, and in need of repair/replacement are the roof, windows, restrooms, HVAC systems, exterior façade, and kitchen equipment.</p> <p>The current facilities will not be able to support the 21st Century curriculum and DoDEA's energy savings and sustainability initiatives.</p> <p><b><u>ADDITIONAL:</u></b></p> <p>This project has been coordinated with the installation physical security plans and all AT/FP measures are included to meet current standards.</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><b><u>JOINT USE CERTIFICATION:</u></b></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 (571) 372-1405</p>				
<p>12. Supplemental Data:</p> <p>Site Approval: Yes <input checked="" type="checkbox"/> Obtained Date: 23 May 12</p> <p>No <input type="checkbox"/> Expected Date:</p>				

1. COMPONENT DoDEA	<b>FY2014 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date March 2013
3. INSTALLATION AND LOCATION  USAG WIESBADEN, GERMANY			4. PROJECT TITLE:  WIESBADEN MIDDLE SCHOOL REPLACEMENT	
5. PROGRAM ELEMENT	6. CATEGORY CODE  73046	7. PROJECT NUMBER  EU00072	8. PROJECT COST (\$000)  50,756	
<p>Issues: (state no issue or explain the issue)</p> <ul style="list-style-type: none"> <li>a. DDESAB, AICUZ, Airfield, EMR, or wetlands: No issue</li> <li>b. Endangered species/sensitive habitat: No issue</li> <li>c. Air quality: No issue</li> <li>d. Cultural/archeological resources: Historic monument preservation issues are not known but will be treated in compliance with all local, state, and national regulations and requirements during further design in case of occurrence.</li> <li>e. Clearing of trees: Clearing of trees will be required and included within the project costs. The garrison will be responsible for the environmental compensation associated with cutting of trees.</li> <li>f. Known contamination at selected site: According to information provided by local DPW, Asbestos and PAH contaminations may be subject of required demolition.</li> <li>g. Operational problems: No issue</li> <li>h. Traffic patterns impact: A new road connection between Texasstrasse and Virginiastrasse will be required to lead the school busses through Hainerberg without great disturbance to the residents.</li> <li>i. Existing utilities upgrade: No issue</li> <li>j. Ordnance sweep required prior to construction: No issue</li> </ul> <p>Planning:  Consistent with Installation Master Plan: Yes  Host Nation Approval: N/A  National Capital Region Approval: N/A  NEPA Documentation Complete: Not required</p> <p>Mitigation Issues:</p> <ul style="list-style-type: none"> <li>a. Wetlands replacement/enhancement: No</li> <li>b. Hazardous Waste: Yes, According to information provided by local DPW, Asbestos and PAH contaminations may be subject of required demolition.</li> <li>c. Contaminated soil/water: No</li> <li>d. Other: No</li> </ul> <p>A. Design Data (Estimated):</p> <ul style="list-style-type: none"> <li>(1) Status: <ul style="list-style-type: none"> <li>(a) Design Start Date <span style="float: right;">Feb 2012</span></li> <li>(b) Parametric Cost Estimate Used to Develop Costs <span style="float: right;">Yes</span></li> <li>(c) Percent of Design Completed as of Jan 2013 <span style="float: right;">15%</span></li> <li>(d) Expected 35% Design Date <span style="float: right;">Jan 2014</span></li> <li>(e) Design Completion Date <span style="float: right;">Mar 2014</span></li> <li>(f) Type of Design Contract: <span style="float: right;">Design/Bid/Build</span></li> </ul> </li> <li>(2) Basis: <ul style="list-style-type: none"> <li>(a) Standard or Definitive Design <span style="float: right;">NO</span></li> <li>(b) Date Design was Most Recently Used <span style="float: right;">N/A</span></li> </ul> </li> </ul>				

1. COMPONENT DoDEA	FY2014 MILITARY CONSTRUCTION PROJECT DATA			2. Date March 2013																												
3. INSTALLATION AND LOCATION USAG WIESBADEN, GERMANY			4. PROJECT TITLE: WIESBADEN MIDDLE SCHOOL REPLACEMENT																													
5. PROGRAM ELEMENT	6. CATEGORY CODE 73046	7. PROJECT NUMBER EU00072	8. PROJECT COST (\$000) 50,756																													
<p>(3) Total Design Cost (c)=(a)+(b) OR (d)+(e):</p> <p>(a) Production of Plans and Specifications</p> <p>(b) All Other Design Costs</p> <p>(c) Total Design Cost 5,088</p> <p>(d) Contract 3,053</p> <p>(e) In-house 2,035</p> <p>(4) Construction Contract Award Date Jul 2014</p> <p>(5) Construction Start Date Aug 2014</p> <p>(6) Construction Completion Date Aug 2016</p>																																
<p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table border="1"> <thead> <tr> <th>Equipment Nomenclature</th> <th>Procuring Appropriation</th> <th>Fiscal Year Appropriated Or Requested</th> <th>Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td>Furnishings</td> <td>O&amp;M</td> <td>FY16</td> <td>702</td> </tr> <tr> <td>Kitchen</td> <td>O&amp;M</td> <td>FY16</td> <td>406</td> </tr> <tr> <td>IT</td> <td>O&amp;M</td> <td>FY16</td> <td>1,052</td> </tr> <tr> <td>Education Supplies</td> <td>O&amp;M</td> <td>FY16</td> <td>1,260</td> </tr> <tr> <td>Safety Equipment</td> <td>O&amp;M</td> <td>FY16</td> <td>67</td> </tr> <tr> <td>Security Equipment</td> <td>O&amp;M</td> <td>FY16</td> <td>62</td> </tr> </tbody> </table>					Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)	Furnishings	O&M	FY16	702	Kitchen	O&M	FY16	406	IT	O&M	FY16	1,052	Education Supplies	O&M	FY16	1,260	Safety Equipment	O&M	FY16	67	Security Equipment	O&M	FY16	62
Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)																													
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Security Equipment	O&M	FY16	62																													



1. COMPONENT DoDEA	<b>FY 2014 MILITARY CONSTRUCTION PROGRAM</b>						2. Date March 2013			
3. Installation and Location  KAISERSLAUTERN MILITARY COMMUNITY, KAISERSLAUTERN, GE				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						376				376
b. END FY 2017						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.....	49,907
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....	0
PLANNED IN NEXT THREE PROGRAM YEARS.....	0
REMAINING DEFICIENCY.....	0
GRAND TOTAL.....	49,907

<u>CATEGORY CODE</u> 730787	<u>PROJECT TITLE</u> REPLACE KAISERSLAUTERN ELEMENTARY SCHOOL	<u>SCOPE</u> 118,446 SF	<u>COST (\$000)</u> 49,907	<u>DESIGN START</u> Feb 2012	<u>STATUS COMPLETE</u> Jun 2017
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9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM  
None

b. PLANNED IN NEXT THREE YEARS  
None

10. MISSION OR MAJOR FUNCTIONS  
Military Dependent Education

1. COMPONENT DoDEA	FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2. Date March 2013	
3. INSTALLATION AND LOCATION  KAISERSLAUTERN MILITARY COMMUNITY, KAISERSLAUTERN, GERMANY			4. PROJECT TITLE:  KAISERSLAUTERN ELEMENTARY SCHOOL REPLACEMENT		
5. PROGRAM ELEMENT	6. CATEGORY CODE  730787	7. PROJECT NUMBER  EU00040	8. PROJECT COST (\$000)  49,907		
<b>9. COST ESTIMATES</b>					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
<b><u>PRIMARY FACILITIES</u></b>					<b>35,451</b>
KAISERSLAUTERN ELEMENTARY SCHOOL		SF	118,446	295.85	35,042
LEED AND FEDERAL ENERGY ACTS COMPLIANCE		LS			409
<b><u>SUPPORTING FACILITIES</u></b>					<b>8,763</b>
CANOPIES/COVERED WALKWAYS		LS			47
ELECTRICAL UTILITIES		LS			611
COMMUNICATION		LS			238
WATER/SEWER UTILITIES		LS			809
MECHANICAL UTILITIES		LS			581
SITE PREPARATION		LS			686
ROADS, SIDEWALKS AND PARKING		LS			3,787
SITE IMPROVEMENTS		LS			989
DEMOLITION		SF	506	11.86	6
ANTITERRORISM (AT/FP) MEASURES		LS			157
LOW IMPACT DEVELOPMENT		LS			852
SUBTOTAL					<b>44,214</b>
CONTINGENCY PERCENT (5%)					<u>2,211</u>
ESTIMATED CONTRACT COST					<b>46,425</b>
SUPERVISION, INSPECTION & OVERHEAD (6.5%)					3,018
ENGINEERING DURING CONSTRUCTION (1%)					<u>464</u>
TOTAL REQUEST					<b>49,907</b>
<b>10. DESCRIPTION OF PROPOSED CONSTRUCTION:</b>					
<p>Construct a replacement elementary school comprised of primary learning spaces: studios (general purpose classrooms), learning hubs (common area space); learning impaired rooms, staff collaboration areas, flex laboratories, exploratory spaces (art classrooms, music rooms, etc.); Occupational Therapy/Physical Therapy (OT/PT) room, shared commons space, performance space, information center, gymnasium, kitchen/serving area, administrative offices, health center, guidance offices, mechanical rooms, restrooms, halls, computer network areas, storage rooms, utility rooms, and other required areas for a fully functioning school facility in accordance with DoDEA Education Facility Specifications. Common areas (dining, performance, food service, and information center) were sized for the future 665 student population.</p> <p>This project includes site improvements such as; bus loading and unloading areas, van drop off, vehicular drives and parking, signage, fencing, walkway paving, student drop-off areas, delivery areas, and recreation areas to include playground/equipment areas, landscaping, covered walkways, exterior lighting, electrical/water/sewer/communications and mechanical utilities.</p> <p>The project will require the removal of building 2716 prior to new construction start for a total of 506 SF.</p>					
DEMO Table					

1. COMPONENT DoDEA	FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2. Date March 2013						
3. INSTALLATION AND LOCATION  KAISERSLAUTERN MILITARY COMMUNITY, KAISERSLAUTERN, GERMANY			4. PROJECT TITLE:  KAISERSLAUTERN ELEMENTARY SCHOOL REPLACEMENT							
5. PROGRAM ELEMENT	6. CATEGORY CODE  730787	7. PROJECT NUMBER  EU00040	8. PROJECT COST (\$000)  49,907							
<table border="1"> <thead> <tr> <th><u>Bldg.#</u></th> <th><u>Area (SF)</u></th> </tr> </thead> <tbody> <tr> <td>2716</td> <td>506 SF</td> </tr> <tr> <td>Total</td> <td>506 SF</td> </tr> </tbody> </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 USGBC Leadership in Energy and Environmental Design (LEED) for Schools, Silver certified will be the goal of the project.</p> <p>Facilities will be designed in accordance with DoDEA 21st Century Education Facilities Specifications, Antiterrorism/Force Protection construction standards, 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 per U.S. Federal and Host Nation Environmental laws and Regulations.</p> <p>Air Conditioning Load: 42 TONS</p>					<u>Bldg.#</u>	<u>Area (SF)</u>	2716	506 SF	Total	506 SF
<u>Bldg.#</u>	<u>Area (SF)</u>									
2716	506 SF									
Total	506 SF									
11. REQUIREMENT: 118,446 SF      ADQT: 0 SF      SUBSTD: 251,556 SF  <u>PROJECT:</u> Replace the existing elementary school facility by constructing a new elementary school facility.  This project constructs a new elementary school.  <u>REQUIREMENT:</u>  The new school is required to provide adequate academic facilities for 655 students in grades Pre-kindergarten through 5th. School population based on current enrollment actual and projected enrollment trends.  <u>CURRENT SITUATION:</u>  Kaiserslautern Elementary School is currently located within the Kaiserslautern Military School Complex, a campus that includes the Kaiserslautern Elementary, Middle, and High Schools. The existing facilities consist of nine buildings: #2000 (127,486 SF) and 2000A (18,209 SF) which were built in 1952; buildings #2001 (28,798 SF), #2009 (14,872 SF) and #2010 (19,839 SF) which were built in 1953; building #2007 (25,538 SF) which was built in 1974; building #2074 (11,130 SF) which was built in 1984; building #2004 (4,609 SF) and building #2007A (9,035 SF) which was built in 2003. The current facility has a condition rating of "Failing" meaning it is more economical in the long term to replace the faculty rather than paying maintenance and repair costs.  Additionally, undersized existing classrooms and the current layout of the facility reduce 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.  Ventilation is inadequate in the majority of classrooms and temperature control is erratic requiring control by opening and closing windows. All electrical wiring is original and in need of replacement and there are no GFCI receptacles at required locations. There is no functional security system in place and there is a limited amount of CCTV cameras to monitor the campus. Additionally, none of the buildings have a fire sprinkler system.  There are numerous ABA deficiencies including but not limited to a non-compliant elevator (force required to open doors exceeds ABA standards), drinking fountains are inadequate; no maneuvering space in toilet rooms and areas of										

1. COMPONENT DoDEA	<b>FY 2014 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date March 2013
3. INSTALLATION AND LOCATION  KAISERSLAUTERN MILITARY COMMUNITY, KAISERSLAUTERN, GERMANY			4. PROJECT TITLE:  KAISERSLAUTERN ELEMENTARY SCHOOL REPLACEMENT	
5. PROGRAM ELEMENT	6. CATEGORY CODE  730787	7. PROJECT NUMBER  EU00040	8. PROJECT COST (\$000)  49,907	
<p>rescue assistance are not provided. Site deficiencies include playground equipment that has numerous safety issues including openings that can trap, inadequate protective surfacing, catch points and protruding hardware, inadequate means of access to equipment and inadequate equipment spacing.</p> <p>Additionally, the facilities do not meet construction standards for energy efficiency and do not adhere to the strict guidelines for AT/FP.</p> <p><b><u>IMPACT IF NOT PROVIDED:</u></b> The continued use of the existing inadequate facilities at Kaiserslautern Elementary School will result in an impaired ability for the facility to implement DoDEA’s 21st century educational pedagogy and provide the highest level of education to students. The outdated and undersized facilities have “failing” ratings and will diminish greatly over the next few years. They will continue to hamper student education, motivation and inspiration. If new facilities are not provided, the outdated buildings and systems will continue to compound yearly maintenance and operational costs as well as interruptions to school operations.</p> <p>Current equipment/infrastructure that are outdated and in need of repair/replacement are the electrical branch circuits, casework, ceiling finishes, electrical service/distribution, elevator, emergency lights, exit lights, exterior doors and windows, fire alarm system, floor finishes, heating system, intercom system, interior doors and hardware, kitchen equipment, LAN, lighting, plumbing piping, roof, toilet partitions/accessories and wall finishes. The current facilities will not be able to support the 21st century curriculum and DoDEA’s energy savings and sustainability.</p> <p><b><u>ADDITIONAL:</u></b> This project has been coordinated with the installation physical security plans and all AT/FP measures are included to meet current standards</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><b><u>JOINT USE CERTIFICATION:</u></b> 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 (571) 372-1405</p>				

1. COMPONENT DoDEA	<b>FY 2014 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date March 2013																
3. INSTALLATION AND LOCATION  KAISERSLAUTERN MILITARY COMMUNITY, KAISERSLAUTERN, GERMANY			4. PROJECT TITLE:  KAISERSLAUTERN ELEMENTARY SCHOOL REPLACEMENT																	
5. PROGRAM ELEMENT	6. CATEGORY CODE  730787	7. PROJECT NUMBER  EU00040	8. PROJECT COST (\$000)  49,907																	
<p>Site Approval: Yes                      Obtained Date: 2 March 2011</p> <p style="text-align: center;">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: No issue  e. Clearing of trees: Clearing of trees will be required and is included within project costs.  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  j. Ordnance sweep required prior to construction: No issue</p> <p>Planning:  Consistent with Installation Master Plan: Yes</p> <p>Host Nation Approval: N/A</p> <p>National Capital Region Approval: N/A</p> <p>NEPA Documentation Complete: Not required  Level of NEPA: Not required, categorical exclusion</p> <p>Mitigation Issues:</p> <p>a. Wetlands replacement/enhancement – N  b. Hazardous Waste – N  c. Contaminated soil/water – N  d. Other – N</p> <p>A. Design Data (Estimated):  (1) Status:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">(a) Design Start Date</td> <td style="text-align: right;">Feb 2012</td> </tr> <tr> <td>(b) Parametric Cost Estimate Used to Develop Costs</td> <td style="text-align: right;">Yes</td> </tr> <tr> <td>(c) Percent of Design Completed as of Jan 2013</td> <td style="text-align: right;">15%</td> </tr> <tr> <td>(d) Expected 35% Design Date</td> <td style="text-align: right;">Nov 2013</td> </tr> <tr> <td>(e) Design Completion Date</td> <td style="text-align: right;">Jan 2014</td> </tr> <tr> <td>(f) Type of Design Contract:</td> <td style="text-align: right;">Design/Bid/Build</td> </tr> </table> <p>(2) Basis:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">(a) Standard or Definitive Design</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>					(a) Design Start Date	Feb 2012	(b) Parametric Cost Estimate Used to Develop Costs	Yes	(c) Percent of Design Completed as of Jan 2013	15%	(d) Expected 35% Design Date	Nov 2013	(e) Design Completion Date	Jan 2014	(f) Type of Design Contract:	Design/Bid/Build	(a) Standard or Definitive Design	NO	(b) Date Design was Most Recently Used	N/A
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1. COMPONENT DoDEA	<b>FY 2014 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date March 2013																												
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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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1. COMPONENT DoDEA	<b>FY 2014 MILITARY CONSTRUCTION PROGRAM</b>						2. Date March 2013				
3. Installation and Location  RAMSTEIN AIR BASE, 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							1091				1091
b. END FY 2017							1100				1100
7. INVENTORY DATA (\$000)											

TOTAL ACREAGE .....	0
INVENTORY TOTAL AS OF .....	0
AUTHORIZATION NOT YET IN INVENTORY.....	0
AUTHORIZATION REQUESTED IN THIS PROGRAM.....	98,762
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....	0
PLANNED IN NEXT THREE PROGRAM YEARS.....	0
REMAINING DEFICIENCY.....	0
GRAND TOTAL.....	98,762

<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 Ramstein High School	231,465 SF	98,762	Feb 2012	Jun 2017

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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1. COMPONENT DoDEA	FY2014 MILITARY CONSTRUCTION PROJECT DATA			2. Date March 2013	
3. INSTALLATION AND LOCATION RAMSTEIN AIR BASE, GERMANY			4. PROJECT TITLE: RAMSTEIN HIGH SCHOOL REPLACEMENT		
5. PROGRAM ELEMENT	6. CATEGORY CODE 730787	7. PROJECT NUMBER EU00037	8. PROJECT COST (\$000) 98,762		
9. COST ESTIMATES					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
<b>PRIMARY FACILITIES</b>					<b>70,633</b>
RAMSTEIN HIGH SCHOOL		SF	231,465	304.99	70,595
SDD AND FEDERAL ENERGY ACTS COMPLIANCE		LS			38
<b>SUPPORTING FACILITIES</b>					<b>16,863</b>
CANOPIES		LS			121
ELECTRICAL UTILITIES		LS			604
COMMUNICATION		LS			1,355
WATER/SEWER UTILITIES		LS			1,142
SITE PREPARATION		LS			4,449
ROADS, SIDEWALKS AND PARKING		LS			4,084
SITE IMPROVEMENTS		LS			2,493
DEMOLITION		SF	135,749	15.56	2,112
LOW IMPACT DEVELOPMENT (0.6%)		LS			503
SUBTOTAL					<b>87,496</b>
CONTINGENCY PERCENT (5%)					<u>4,375</u>
ESTIMATED CONTRACT COST					<b>91,871</b>
SUPERVISION, INSPECTION & OVERHEAD (6.5%)					5,972
ENGINEERING DURING CONSTRUCTION (1%)					<u>919</u>
TOTAL REQUEST					<b>98,762</b>
10. DESCRIPTION OF PROPOSED CONSTRUCTION:					
<p>Construct a new three story high school composed of poured reinforced concrete slab/spread footings. Exterior wall construction may be composed of reinforced concrete columns and walls, reinforced concrete/steel structure and/or masonry load/non-load bearing walls and partitions. Exterior wall finishes may consist of plaster/stucco, stone, brick veneer or glass as required.</p> <p>Interior construction may consist of plastered reinforced concrete walls, masonry, priva-lite style panels/partitions, gypsum board partitions or other interior wall systems as appropriate for the various program spaces and uses.</p> <p>Interior spaces include learning studios, learning hubs, learning impaired rooms, staff collaboration areas, CTE laboratories, flex laboratories, science labs, art classrooms, kiln room, music rooms, occupational therapy/physical therapy (OT/PT) room, JROTC classroom, shared commons space, performance space, stage, information center, gymnasium, locker rooms, weight room, training room, kitchen/serving area, administrative offices, health center, guidance offices, meeting rooms, mechanical rooms, restrooms, halls, computer network areas, storage rooms, utility rooms, field house and other required areas for a fully functioning high school.</p> <p>Size cafeteria, food service, and information center areas for future high school population.</p> <p>Interior ceiling materials may include but are not limited to lathing and plaster, suspended acoustical tiles, and/or other ceiling systems, as may be required. Lighting may include energy efficient fluorescent, halogen, and/or LED lighting as dictated by environmental requirements. Flooring materials to be utilized may include resilient flooring, raised, rubber flooring, vinyl composition tile, sheet vinyl, tile, carpet, and/or other flooring materials as appropriate to each space and use.</p>					



1. COMPONENT DoDEA	<b>FY2014 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date March 2013												
3. INSTALLATION AND LOCATION  RAMSTEIN AIR BASE, GERMANY			4. PROJECT TITLE:  RAMSTEIN HIGH SCHOOL REPLACEMENT													
5. PROGRAM ELEMENT	6. CATEGORY CODE  730787	7. PROJECT NUMBER  EU00037	8. PROJECT COST (\$000)  98,762													
<p>This project includes site improvements such as bus loading and unloading areas, van parking, parking for staff and visitors, signage, fencing, walkway paving, student drop-off areas, delivery areas, recreation areas, athletic sports fields, landscaping, covered walkways, exterior lighting, electrical/water/sewer/communications and mechanical utilities.</p> <p>The project will require demolishing buildings #899, #900, #934 and #4255 for a total of 135,749 SF.</p> <p>DEMO Table</p> <table border="1" data-bbox="201 653 451 835"> <thead> <tr> <th><u>Bldg.#</u></th> <th><u>Area (SF)</u></th> </tr> </thead> <tbody> <tr> <td>899</td> <td>775</td> </tr> <tr> <td>934</td> <td>4,968</td> </tr> <tr> <td>900</td> <td>127,973</td> </tr> <tr> <td><u>4255</u></td> <td><u>2,033</u></td> </tr> <tr> <td>Total</td> <td>135,749</td> </tr> </tbody> </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 certified OCONUS will be the goal of the project.</p> <p>Facilities will be designed in accordance with DoDEA 21st Century Education Facilities Specifications, Antiterrorism/Force Protection (AT/FP) construction standards, 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 per U.S. Federal and Host Nation Environmental laws and Regulations.</p> <p>Air Conditioning Load: 35 TONS</p>					<u>Bldg.#</u>	<u>Area (SF)</u>	899	775	934	4,968	900	127,973	<u>4255</u>	<u>2,033</u>	Total	135,749
<u>Bldg.#</u>	<u>Area (SF)</u>															
899	775															
934	4,968															
900	127,973															
<u>4255</u>	<u>2,033</u>															
Total	135,749															
<p>11. REQUIREMENT: 231,465 SF      ADQT: 775 SF      SUBSTD: 134,974 SF</p> <p><u>PROJECT:</u></p> <p>Replace the existing high school facility by constructing a new high school facility. This project constructs a new high school.</p> <p><u>REQUIREMENT:</u></p> <p>The new school is required to provide adequate academic facilities for 1100 students in 9<sup>th</sup> - 12<sup>th</sup> grades. The school population is based on current enrollment for student year 2012-2013.</p> <p><u>CURRENT SITUATION:</u></p> <p>The existing Ramstein High School consists of one permanent building constructed in 1982 (Bldg. 900), and two temporary buildings (834 and 934T). The current facility has a condition rating of “failing” meaning it is more economical in the long term to replace the facility rather than paying maintenance and repair costs.</p> <p>Additionally, existing 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 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 Americans with Disabilities Act (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</p>																

1. COMPONENT DoDEA	<b>FY2014 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date March 2013
3. INSTALLATION AND LOCATION  RAMSTEIN AIR BASE, GERMANY			4. PROJECT TITLE:  RAMSTEIN HIGH SCHOOL REPLACEMENT	
5. PROGRAM ELEMENT	6. CATEGORY CODE  730787	7. PROJECT NUMBER  EU00037	8. PROJECT COST (\$000)  98,762	
<p>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 different location for the new school has been identified.</p> <p><u>IMPACT IF NOT PROVIDED:</u></p> <p>The continued use of the existing inadequate facilities at Ramstein High School will result in an impaired ability for the facility to implement DoDEA's 21st century educational pedagogy and provide the highest level of education to students. If new facilities are not provided, the outdated buildings and systems will continue to compound yearly maintenance and operational costs as well as interruptions to school operations.</p> <p>Current equipment/infrastructure that are outdated and in need of repair/replacement are the electrical branch circuits, casework, ceiling finishes, electrical service/distribution, elevator, emergency lights, exit lights, exterior doors and windows, fire alarm system, floor finishes, heating system, intercom system, interior doors and hardware, kitchen equipment, LAN, lighting, plumbing piping, roof, toilet partitions/accessories and wall finishes.</p> <p>The current facilities will not be able to support the 21st Century curriculum and DoDEA's energy savings and sustainability.</p> <p><u>ADDITIONAL:</u></p> <p>This project has been coordinated with the installation physical security plans and all AT/FP measures are included to meet current standards.</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 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 (571) 372-1405</p>				
<p>12. Supplemental Data:</p> <p>Site Approval: Yes <input checked="" type="checkbox"/> Obtained Date: 11 July 2012</p> <p>No <input type="checkbox"/> Expected Date:</p> <p>Issues: (state no issue or explain the issue)</p> <ol style="list-style-type: none"> <li>a. DDESAB, AICUZ, Airfield, EMR, or wetlands: No issue</li> <li>b. Endangered species/sensitive habitat: No issue</li> <li>c. Air quality: No issue</li> <li>d. Cultural/archeological resources: No issue</li> <li>e. Clearing of trees: Clearing of trees will be required an included within the project costs. The garrison will be responsible for the environmental compensation associated with cutting of trees.</li> <li>f. Known contamination at selected site: No issue</li> <li>g. Operational problems: No issue</li> <li>h. Traffic patterns impact: No issue</li> </ol>				

1. COMPONENT DoDEA	FY2014 MILITARY CONSTRUCTION PROJECT DATA			2. Date March 2013																																																						
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<p>i. Existing utilities upgrade: No issue</p> <p>j. Ordnance sweep required prior to construction: No issue</p> <p>Planning:  Consistent with Installation Master Plan: Yes  Host Nation Approval: N/A  National Capital Region Approval: N/A  NEPA Documentation Complete: N/A</p> <p>Mitigation Issues:  a. Wetlands replacement/enhancement: No  b. Hazardous Waste: No  c. Contaminated soil/water: No  d. Other: No</p> <p>A. Design Data (Estimated):</p> <p>(1) Status:</p> <table> <tr> <td>(a) Design Start Date</td> <td>Feb 2012</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 Jan 2013</td> <td>15%</td> </tr> <tr> <td>(d) Expected 35% Design Date</td> <td>Feb 2014</td> </tr> <tr> <td>(e) Design Completion Date</td> <td>Mar 2014</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</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> <tr> <td>(c) Total Design Cost</td> <td>9,972</td> </tr> <tr> <td>(d) Contract</td> <td>5,983</td> </tr> <tr> <td>(e) In-house</td> <td>3,989</td> </tr> </table> <p>(4) Construction Contract Award Date Jul 2014  (5) Construction Start Date Aug 2014  (6) Construction Completion Date Jan 2016</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table> <thead> <tr> <th>Equipment <u>Nomenclature</u></th> <th>Procuring <u>Appropriation</u></th> <th>Fiscal Year <u>Appropriated Or Requested</u></th> <th>Cost <u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td>Furnishings</td> <td>O&amp;M</td> <td>FY16</td> <td>1,430</td> </tr> <tr> <td>Kitchen</td> <td>O&amp;M</td> <td>FY16</td> <td>826</td> </tr> <tr> <td>IT</td> <td>O&amp;M</td> <td>FY16</td> <td>1,500</td> </tr> <tr> <td>Education Supplies</td> <td>O&amp;M</td> <td>FY16</td> <td>2,566</td> </tr> <tr> <td>Safety Equipment</td> <td>O&amp;M</td> <td>FY16</td> <td>132</td> </tr> <tr> <td>Security Equipment</td> <td>O&amp;M</td> <td>FY16</td> <td>125</td> </tr> </tbody> </table>					(a) Design Start Date	Feb 2012	(b) Parametric Cost Estimate Used to Develop Costs	Yes	(c) Percent of Design Completed as of Jan 2013	15%	(d) Expected 35% Design Date	Feb 2014	(e) Design Completion Date	Mar 2014	(f) Type of Design Contract:	Design/Bid/Build	(a) Standard or Definitive Design	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	9,972	(d) Contract	5,983	(e) In-house	3,989	Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year <u>Appropriated Or Requested</u>	Cost <u>(\$000)</u>	Furnishings	O&M	FY16	1,430	Kitchen	O&M	FY16	826	IT	O&M	FY16	1,500	Education Supplies	O&M	FY16	2,566	Safety Equipment	O&M	FY16	132	Security Equipment	O&M	FY16	125
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1. COMPONENT DoDEA		<b>FY 2014 MILITARY CONSTRUCTION PROGRAM</b>					2. Date March 2013				
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							594				594
b. END FY 2017							573				573
7. INVENTORY DATA (\$000)											
TOTAL ACREAGE .....										0	
INVENTORY TOTAL AS OF .....										0	
AUTHORIZATION NOT YET IN INVENTORY .....										0	
AUTHORIZATION REQUESTED IN THIS PROGRAM.....										38,792	
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....										0	
PLANNED IN NEXT THREE PROGRAM YEARS.....										0	
REMAINING DEFICIENCY.....										0	
GRAND TOTAL.....										38,792	
<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/Renovation Kadena Middle School			100,552 SF		38,792		Oct 2012		Apr 2017
9. FUTURE PROJECTS											
a. INCLUDED IN FOLLOWING PROGRAM											
b. PLANNED IN NEXT THREE YEARS											
FY15 Renovate Kadena Elementary School, Kadena Air Base											
FY16 Replace/Modernize Kadena High School, Kadena Air Base											
10. MISSION OR MAJOR FUNCTIONS											
Military Dependent Education											

1. COMPONENT DoDEA	FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2. Date March 2013	
3. INSTALLATION AND LOCATION KADENA AIR BASE, JAPAN			4. PROJECT TITLE: KADENA MIDDLE SCHOOL ADDITION/RENOVATION		
5. PROGRAM ELEMENT	6. CATEGORY CODE 730787	7. PROJECT NUMBER PA00035	8. PROJECT COST (\$000) 38,792		
<b>9. COST ESTIMATES</b>					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
<b><u>PRIMARY FACILITIES</u></b>					<b>30,218</b>
RENOVATE KADENA MIDDLE SCHOOL		SF	89,752	265.54	23,833
ADDITION TO KADENA MIDDLE SCHOOL		SF	4,400	346.20	1,523
CONSTRUCT OUTDOOR LEARNING CANOPY		SF	6,400	235.94	1,510
LEED AND FEDERAL ENERGY ACTS COMPLIANCE		LS			152
SPECIAL COSTS (TEMPORARY FACILITIES)		EA	32	100,000.00	3,200
<b><u>SUPPORTING FACILITIES</u></b>					<b>4,149</b>
BUS DROP-OFF CANOPY		SF	3,800	85.17	324
CAR DROP-OFF CANOPY		SF	8,000	85.22	682
ELECTRICAL UTILITIES		LS			831
WATER/SEWER/GAS UTILITIES		LS			353
THERMAL STORAGE VAULT		LS			329
STORM DRAINAGE		LS			27
SIDEWALKS		LS			3
RELOCATE BUS PARKING		LS			348
RENOVATE PARKING LOT		LS			266
RESTORE HARDSCAPE		LS			61
GATES FOR FIRE LANE		LS			8
SITE IMPROVEMENTS AND DEMOLITION		LS			677
LANDSCAPING		LS			240
SUBTOTAL					<b>34,367</b>
CONTINGENCY PERCENT (5%)					<u>1,718</u>
ESTIMATED CONTRACT COST					<b>36,085</b>
SUPERVISION, INSPECTION & OVERHEAD (6.5%)					2,346
ENGINEERING DURING CONSTRUCTION (1%)					<u>361</u>
TOTAL REQUEST					<b>38,792</b>
10. DESCRIPTION OF PROPOSED CONSTRUCTION:					
<p>Renovate the existing middle school and improve site conditions to meet Architectural Barriers Act (ABA), parking requirements, AT/FP (Antiterrorism/Force Protection), and ADA (Americans with Disabilities Act) standards and requirements. Renovations include reconfiguring interior spaces to meet DoDEA 21<sup>st</sup> Century Education Facilities Specifications design initiatives. A facility addition will provide needed learning and teacher support spaces. A canopy will be constructed over the existing courtyard to make the currently underutilized space more functional for outdoor learning activities. The school will incorporate advanced communication systems to support technology program requirements as well as general communications.</p> <p>The project includes related infrastructure such as utilities to include new heating, ventilation, and air conditioning (HVAC) systems equipment, electrical, plumbing, fire suppression, parking areas, courtyard canopies, landscaping, and bus loading/unloading areas. The project will include selective demolition of interior walls and finishes. 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</p>					

1. COMPONENT DoDEA	<b>FY 2014 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date March 2013
3. INSTALLATION AND LOCATION  KADENA AIR BASE, JAPAN			4. PROJECT TITLE:  KADENA MIDDLE SCHOOL ADDITION/RENOVATION	
5. PROGRAM ELEMENT	6. CATEGORY CODE  730787	7. PROJECT NUMBER  PA00035	8. PROJECT COST (\$000)  38,792	
<p>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 goal of the project.</p> <p>Facilities will be designed in accordance with DoDEA 21<sup>st</sup> Century Education Facilities Specifications, ABA and ADA Accessibility Guidelines, 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.</p> <p>Air Conditioning Load: 314 tons</p>				
<p>11. REQUIREMENT: 100,552                      ADQT: 0                      SUBSTD: 89,752</p> <p><u>PROJECT:</u></p> <p>Renovate and provide an addition to the existing middle school.</p> <p><u>REQUIREMENT:</u></p> <p>The renovation of the existing middle school is required to provide adequate academic facilities to accommodate 573 students' grades 6<sup>th</sup> - 8<sup>th</sup> and support present curriculums selected for that age group. School population is based on the four year average through 2011 and reflects the anticipated 2017 school population.</p> <p><u>CURRENT SITUATION:</u></p> <p>The existing facilities are in poor condition and do not meet 21<sup>st</sup> Century Education Facilities Specifications. The majority of the school buildings being renovated are greater than 24 years old. Existing classroom and education spaces have inadequate infrastructure. Aging utility infrastructure systems result in excessive maintenance costs. The overall condition of the middle school facilities is "poor," however; by FY 2014 it is expected to drop to "failing." Deficient systems that are in need of repair/replacement include interior wall, floor, and ceiling finishes; HVAC equipment and distribution systems; plumbing fixtures and piping; electrical systems; fire alarm systems, emergency exit lighting and signage; and some exterior wall and roof finishes. 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 current AT/FP requirements as prescribed by UFC 4-010-01.</p> <p><u>IMPACT IF NOT PROVIDED:</u></p> <p>The continued use of deficient, inadequate, and undersized facilities 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. Indoor air quality conditions will continue to worsen with time.</p> <p><u>ADDITIONAL:</u></p> <p>This project has been coordinated with the installation physical security plans and AT/FP measures are included. The use of temporary classrooms facilities will be included.</p> <p>Economic Alternatives:</p>				

1. COMPONENT DoDEA	FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2. Date March 2013
3. INSTALLATION AND LOCATION KADENA AIR BASE, JAPAN			4. PROJECT TITLE: KADENA MIDDLE SCHOOL ADDITION/RENOVATION	
5. PROGRAM ELEMENT	6. CATEGORY CODE 730787	7. PROJECT NUMBER PA00035	8. PROJECT COST (\$000) 38,792	
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.				
<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.				
DoDEA POC (571) 372-1405				
12. Supplemental Data:				
Site Approval: Yes <input checked="" type="checkbox"/> Obtained Date: 15 Jul 12				
No <input type="checkbox"/> Expected Date:				
Issues:				
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: High sensitivity area, but scope is primarily interior of buildings				
e. Clearing of trees: No issue				
f. Known contamination at selected site: Asbestos in existing carpet floor adhesive				
g. Operational problems: No issue				
h. Traffic patterns impact: Tightly constrained site will require much coordination with the Garrison				
i. Existing utilities upgrade: Itemized detail of utility upgrades provided in detailed cost estimate				
j. Ordnance sweep required prior to construction: No issue				
Planning:				
Consistent with Installation Master Plan: Yes				
Host Nation Approval: N/A				
National Capital Region Approval: N/A				
NEPA Documentation Complete: No				
Level of NEPA: Categorical Exclusion				
Mitigation Issues:				
a. Wetlands replacement/enhancement: No				
b. Hazardous Waste: No				
c. Contaminated soil/water: No				
d. Other: No				
A. Design Data (Estimated):				
(1) Status:				
(a) Design Start Date				Oct 2012
(b) Parametric Cost Estimate Used to Develop Costs				Yes
(c) Percent of Design Completed as of Jan 2013				15%
(d) Expected 35% Design Date				Feb 2014
(e) Design Completion Date				Mar 2014
(f) Type of Design Contract:				Design/Bid/Build

1. COMPONENT DoDEA	<b>FY 2014 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date March 2013
3. INSTALLATION AND LOCATION  KADENA AIR BASE, JAPAN			4. PROJECT TITLE:  KADENA MIDDLE SCHOOL ADDITION/RENOVATION	
5. PROGRAM ELEMENT	6. CATEGORY CODE  730787	7. PROJECT NUMBER  PA00035	8. PROJECT COST (\$000)  38,792	
<p>(2) Basis:</p> <p>(a) Standard or Definitive Design NO</p> <p>(b) Date Design was Most Recently Used N/A</p> <p>(3) Total Design Cost (c)=(a)+(b) OR (d)+(e):</p> <p>(a) Production of Plans and Specifications</p> <p>(b) All Other Design Costs</p> <p>(c) Total Design Cost \$3,846</p> <p>(d) Contract 2,308</p> <p>(e) In-house 1,538</p> <p>(4) Construction Contract Award Date Jul 2014</p> <p>(5) Construction Start Date Aug 2014</p> <p>(6) Construction Completion Date Jan 2016</p>				
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	2014	283	
Kitchen	O&M	2016	396	
IT	O&M	2016	99	
Education Supplies	O&M	2016	204	
Safety Equipment	O&M	2016	5	
Security Equipment	O&M	2016	32	



1. COMPONENT DoDEA	<b>FY 2014 MILITARY CONSTRUCTION PROGRAM</b>						2. Date March 2013			
3. Installation and Location  CAMP HENRY, 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						324				324
b. END FY 2015						525				525
7. INVENTORY DATA (\$000)										

TOTAL ACREAGE .....	0
INVENTORY TOTAL AS OF .....	0
AUTHORIZATION NOT YET IN INVENTORY.....	0
AUTHORIZATION REQUESTED IN THIS PROGRAM.....	52,164
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....	0
PLANNED IN NEXT THREE PROGRAM YEARS.....	0
REMAINING DEFICIENCY.....	0
GRAND TOTAL.....	52,164

<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 Daegu Middle/High School	142,583 SF	52,164	Oct 2012	Jun 2016

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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1. COMPONENT DoDEA	FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2. Date March 2013	
3. INSTALLATION AND LOCATION CAMP HENRY, SOUTH KOREA		4. PROJECT TITLE: DAEGU MIDDLE/HIGH SCHOOL REPLACEMENT			
5. PROGRAM ELEMENT	6. CATEGORY CODE 73046	7. PROJECT NUMBER PA00018	8. PROJECT COST (\$000) 52,164		
<b>9. COST ESTIMATES</b>					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
<b><u>PRIMARY FACILITIES</u></b>					<b>40,896</b>
MIDDLE SCHOOL/HIGH SCHOOL		SF	142,583	271.32	38,686
LEED AND FEDERAL ENERGY ACTS COMPLIANCE		LS			1,076
ANTITERRORISM (AT/FP) MEASURES		LS			1,134
<b><u>SUPPORTING FACILITIES</u></b>					<b>5,318</b>
SPECIAL CONSTRUCTION FEATURES		LS			1,461
CANOPIES		LS			161
ELECTRICAL UTILITIES		LS			195
WATER/SEWER UTILITIES		LS			953
MECHANICAL UTILITIES		LS			33
SITE PREPARATION		LS			383
ROADS, SIDEWALKS AND PARKING		LS			749
SITE IMPROVEMENTS		LS			1,383
SUBTOTAL					<b>46,214</b>
CONTINGENCY PERCENT (5%)					<u>2,311</u>
ESTIMATED CONTRACT COST					<b>48,525</b>
SUPERVISION, INSPECTION & OVERHEAD (6.5%)					3,154
ENGINEERING DURING CONSTRUCTION (1%)					<u>485</u>
TOTAL REQUEST					<b>52,164</b>
<b>10. DESCRIPTION OF PROPOSED CONSTRUCTION:</b>					
<p>Construct a two (2) story, middle/high School composed of pre-stressed concrete piles, structural steel and reinforced concrete masonry unit (CMU) with combination of bricks and concrete with direct applied insulation and finish system. Doors and windows will be blast resistant to meet anti-terrorism/force protection (AT/FP) requirements. Interior construction will consist of painted gypsum board on metal stud. Toilets to have ceramic tile wainscots, mechanical rooms will be exposed concrete or CMU painted with insulation for sound. Operable walls in the learning studio will be bi-fold glass doors with wood stiles and rails. Ceiling will be acoustic tile in all rooms except mechanical and electrical rooms. Ceiling exposed in commons and gym to show structure above and skylights with recessed type energy efficient fluorescent light fixture utilizing T-8 lamps and electronic ballast. Floor finish will be carpet tiles in the offices, learning studios, and hubs. Commons to be tile flooring. Mechanical and electrical rooms shall be exposed concrete with sealer. Quarry tile shall be installed in kitchens. The project includes site improvements such as visitor's and staff parking, bus drop-off with covered walkway, landscaping, bicycle racks, artificial turf playing field, marquee board, flagpoles, exterior lighting, and utility service connections (water, sewer, storm drainage, electrical and communications, and equipment yard). Interior spaces to include 21<sup>st</sup> Century neighborhood spaces with learning studios, group learning hubs, individual instruction, etc. Commons area with multi-purpose gathering spaces food service, dining hall, and dedicated performance space. Building shall have JROTC facilities, gymnasium with auxiliary gym and showers, field sports equipment storage, information center, computer labs, career and technical education labs, music and art rooms, learning impaired classroom, occupational therapy/physical therapy (OT/PT) classroom, teacher work rooms, counseling areas, storage, administrative offices, and other required areas for a fully functioning</p>					

1. COMPONENT DoDEA	<b>FY 2014 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date March 2013
3. INSTALLATION AND LOCATION  CAMP HENRY, SOUTH KOREA		4. PROJECT TITLE:  DAEGU MIDDLE/HIGH SCHOOL REPLACEMENT		
5. PROGRAM ELEMENT	6. CATEGORY CODE  73046	7. PROJECT NUMBER  PA00018	8. PROJECT COST (\$000)  52,164	
<p>middle/high school. Cafeteria, food service, and information center areas were sized for the future middle/high school population. AT/FP measures include hardened building exterior walls, high curbs, drop arms, and blast rated windows, doors, and frames. The project also include built-in cabinets, counters, storage closets, lockers, tack boards, whiteboards, HVAC system, fire sprinkler system, plumbing, CCTV, cable TV, intercom/PA system, clock-bell system, telephone and LAN systems.</p> <p>The project includes related infrastructure such as visitor's and staff parking, equipment yard, mechanical rooms, fire pump room, and service yard. Demolition of existing structures within the project site, including utility systems relocation will be by DPW.</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 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: 400 Tons</p>				
<p>11. REQUIREMENT: 142,583 SF      ADQT: 48,000 SF      SUBSTD: 119,200 SF</p>				
<p><u>PROJECT:</u></p> <p>Replace the existing interim middle and high School facilities at Daegu American School and Camp George by constructing a new consolidated middle/high School facility at Camp Walker.</p> <p><u>REQUIREMENT:</u></p> <p>The new school is required to provide adequate academic facilities for 525 students in grades 6 to 12. School population based on school year (SY) 2015.</p> <p><u>CURRENT SITUATION:</u></p> <p>American School is comprised of the original Daegu American School built in 1983, a MILCON annex building constructed in 2008, several temporary metal buildings at Camp George which house Grades K to 8, and an interim high school converted from an old barracks for Grades 9 to 12. None of the facilities meet the DoDEA 21<sup>st</sup> Century Education Facilities Specifications and there are no dedicated playing fields, gymnasium, or other purpose built facilities such as JROTC firing range and music hall for high school. The current school consists of the main school building at Camp George (B-3000) which was built in 1983 as a unit school for grades K to 12 and is approaching its life expectancy. Other buildings at Camp George include four temporary metal buildings (B-3007, 3008, 3013, and 3016) which have all exceeded their five year life expectancy. The buildings at Camp George are undersized, have a very limited playing field, limited capacity for cafeteria/assembly, and are in disrepair due to aging systems. The condition rating of the main building at Camp George is classified as in "poor" condition and the temporary buildings are "failing" condition. The interior finishes are degraded, the HVAC and electrical systems are inefficient and do not meet current energy mandates. The temporary buildings have no covered walkways on the exterior of the building. 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 facilities at Camp George do not meet current AT/FP criteria and are without sprinkler systems. The interim high school at Camp Walker was intended as a</p>				

1. COMPONENT DoDEA	<b>FY 2014 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date March 2013
3. INSTALLATION AND LOCATION  CAMP HENRY, SOUTH KOREA		4. PROJECT TITLE:  DAEGU MIDDLE/HIGH SCHOOL REPLACEMENT		
5. PROGRAM ELEMENT	6. CATEGORY CODE  73046	7. PROJECT NUMBER  PA00018	8. PROJECT COST (\$000)  52,164	
temporary facility until a replacement MILCON project could be constructed. The MILCON annex building at Camp George will be used as an elementary school after this project is completed.				
<u>IMPACT IF NOT PROVIDED:</u>				
<p>If a new middle/high School is not constructed the students of Daegu American School will continue to be exposed to degraded and interim facilities with no dedicated space for athletic facilities or other critical programs to include JROTC and music. The continued use of poor and undersized facilities will impair the overall educational program for the 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 21<sup>st</sup> Century curriculum and DoD's energy savings and sustainability initiatives. Yearly maintenance and utility costs will continue to compound and interrupt school operations. Outdated, failing, and in need of repair/replacement are buildings 3000, 3007, 3008, 3013, and 3016. DoDEA will not be able to adequately fulfill its mission and responsibility to provide safe, secure, and well managed environment that focuses on student achievement for personnel dependents of USAG Daegu, Republic of Korea.</p>				
<u>ADDITIONAL:</u>				
<p>This project has been coordinated with the installation physical security plans and all AT/FP measures are included. The use of temporary classroom facilities will be included in the event the construction schedule is delayed as a result of unforeseen circumstances and to accommodate the phased demolition of buildings.</p>				
Economic Alternatives:				
<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>				
<u>JOINT USE CERTIFICATION:</u>				
<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>				
DoDEA POC (571) 372-1405				
12. Supplemental Data:				
Site Approval: Yes <input checked="" type="checkbox"/> Obtained Date: Feb. 2012				
No <input type="checkbox"/> Expected Da				
Issues: (state no issue or explain the issue)				
<ol style="list-style-type: none"> <li>a. DDESAB, AICUZ, Airfield, EMR, or wetlands: No issue</li> <li>b. Endangered species/sensitive habitat: No issue</li> <li>c. Air quality: No issue</li> <li>d. Cultural/archeological resources: No issue</li> <li>e. Clearing of trees: No issue</li> <li>f. Known contamination at selected site: No issue</li> <li>g. Operational problems: No issue</li> <li>h. Traffic patterns impact: No issue</li> <li>i. Existing utilities upgrade: No issue</li> </ol>				

1. COMPONENT DoDEA	FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2. Date March 2013																																																						
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j. Ordnance sweep required prior to construction: No issue																																																										
<p>Planning:</p> <p>Consistent with Installation Master Plan: Yes  Host Nation Approval: N/A  National Capital Region Approval: N/A  NEPA Documentation Complete: No  Level of NEPA: Categorical Exclusion</p> <p>Mitigation Issues:</p> <p>a. Wetlands replacement/enhancement: No  b. Hazardous Waste: No  c. Contaminated soil/water: No  d. Other: No</p> <p>A. Design Data (Estimated):</p> <p>(1) Status:</p> <table> <tr> <td>(a) Design Start Date</td> <td>Oct 2012</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 Jan 2013</td> <td>15%</td> </tr> <tr> <td>(d) Expected 35% Design Date</td> <td>Feb 2014</td> </tr> <tr> <td>(e) 100% Design Completion Date</td> <td>Mar 2014</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) 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>(f) Production of Plans and Specifications</td> <td></td> </tr> <tr> <td>(g) All Other Design Costs</td> <td></td> </tr> <tr> <td>(h) Total Design Cost</td> <td>5,433</td> </tr> <tr> <td>(i) Contract</td> <td>3,260</td> </tr> <tr> <td>(j) In-house</td> <td>2,173</td> </tr> </table> <p>(4) Construction Contract Award Date Jul 2014  (5) Construction Start Date Aug 2014  (6) Construction Completion Date Jan 2016</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table> <thead> <tr> <th>Equipment Nomenclature</th> <th>Procuring Appropriation</th> <th>Fiscal Year Appropriated Or Requested</th> <th>Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td>Furnishings</td> <td>O&amp;M</td> <td>2015</td> <td>683</td> </tr> <tr> <td>Kitchen</td> <td>O&amp;M</td> <td>2015</td> <td>400</td> </tr> <tr> <td>IT</td> <td>O&amp;M</td> <td>2015</td> <td>1,040</td> </tr> <tr> <td>Education Supplies</td> <td>O&amp;M</td> <td>2015</td> <td>1,250</td> </tr> <tr> <td>Safety Equipment</td> <td>O&amp;M</td> <td>2015</td> <td>65</td> </tr> <tr> <td>Security Equipment</td> <td>O&amp;M</td> <td>2015</td> <td>60</td> </tr> </tbody> </table>					(a) Design Start Date	Oct 2012	(b) Parametric Cost Estimate Used to Develop Costs	Yes	(c) Percent of Design Completed as of Jan 2013	15%	(d) Expected 35% Design Date	Feb 2014	(e) 100% Design Completion Date	Mar 2014	(f) Type of Design Contract:	Design/Bid/Build	(a) Standard or Definitive Design - (YES/NO)	No	(b) Design was Most Recently Used	N/A	(f) Production of Plans and Specifications		(g) All Other Design Costs		(h) Total Design Cost	5,433	(i) Contract	3,260	(j) In-house	2,173	Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)	Furnishings	O&M	2015	683	Kitchen	O&M	2015	400	IT	O&M	2015	1,040	Education Supplies	O&M	2015	1,250	Safety Equipment	O&M	2015	65	Security Equipment	O&M	2015	60
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1. COMPONENT DoDEA	<b>FY 2014 MILITARY CONSTRUCTION PROGRAM</b>						2. Date March 2013			
3. Installation and Location  RAF LAKENHEATH, 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						527				527
b. END FY 2019						557				557
7. INVENTORY DATA (\$000)										

TOTAL ACREAGE .....	0
INVENTORY TOTAL AS OF .....	0
AUTHORIZATION NOT YET IN INVENTORY.....	0
AUTHORIZATION REQUESTED IN THIS PROGRAM.....	69,638
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....	0
PLANNED IN NEXT THREE PROGRAM YEARS.....	0
REMAINING DEFICIENCY.....	0
GRAND TOTAL.....	69,638

<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 Lakenheath High School	140,337 SF	69,638	Feb 2012	Jun 2017

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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1. COMPONENT DoDEA		FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2. Date March 2013	
3. INSTALLATION AND LOCATION RAF LAKENHEATH, UNITED KINGDOM				4. PROJECT TITLE: LAKENHEATH HIGH SCHOOL REPLACEMENT		
5. PROGRAM ELEMENT		6. CATEGORY CODE 730787	7. PROJECT NUMBER EU00057		8. PROJECT COST (\$000) 69,638	
9. COST ESTIMATES						
Item		U/M	Quantity	Unit Cost	Cost (\$000)	
<b><u>PRIMARY FACILITIES</u></b>					<b>51,044</b>	
LAKENHEATH HIGH SCHOOL		SF	140,337	\$334.15	46,894	
SDD AND FEDERAL ENERGY ACTS COMPLIANCE		LS			300	
SPECIAL COST: SOUND ATTENUATION		LS			3,850	
<b><u>SUPPORTING FACILITIES</u></b>					<b>10,652</b>	
OVERHEAD PROTECTION (CANOPIES AND COVERED WALKWAYS)		LS			227	
DEMOLITION		SF	121,600	\$ 18.02	2,191	
ELECTRICAL UTILITIES		LS			878	
WATER, GAS AND SEWER UTILITIES		LS			403	
DATA/TELECOMM UTILITIES		LS			525	
MECHANICAL UTILITIES		LS			427	
SITE PREPARATION		LS			1,633	
ROADS, SIDEWALKS AND PARKING		LS			1,278	
STORM DRAINAGE UTILITIES		LS			516	
SITE IMPROVEMENTS/ATHLETIC FIELDS		LS			2,137	
ANTITERRORISM (AT/FP) MEASURES		LS			437	
SUBTOTAL					<b>61,696</b>	
CONTINGENCY PERCENT (5%)					<u>3,084</u>	
ESTIMATED CONTRACT COST					<b>64,780</b>	
SUPERVISION, INSPECTION & OVERHEAD (6.5%)					4,210	
ENGINEERING DURING CONSTRUCTION (1%)					<u>648</u>	
TOTAL REQUEST					<b>69,638</b>	
10. DESCRIPTION OF PROPOSED CONSTRUCTION:						
<p>Construct a replacement high school consisting of primary learning area neighborhoods, science/technology labs, flexible computer laboratories, occupational and physical therapy suites, moderate and severe learning impaired areas; guidance counseling and professional development center; performance center; administration offices; health services; career and technical education (CTE) spaces; art, music and JROTC areas; an information center; gymnasium; food services, the commons area (display, informal study areas and student gathering spaces) and other areas required to comply with 21st Century School Education specifications. This school has been sized the future high school population.</p> <p>This project includes site improvements such as signage, site paving for bus loading/unloading areas, sports fields for football/soccer with field markings and a running track, practice fields, hardcore courts for tennis and basketball areas, walking paths, student drop-off area, staff and visitor parking areas; delivery service area; landscaping, exterior site safety, fencing and security lighting and CCTV main entrance security cameras; electrical/water/sewer/communications and mechanical utilities. The existing school facilities will be demolished. Road ways on site will be included for access to parking, bus loading/unloading areas, and service areas. Sound attenuation materials and features will be incorporated into the project to meet or exceed current Base/Host Nation Sound Standards.</p>						

1. COMPONENT DoDEA	<b>FY 2014 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date March 2013																																							
3. INSTALLATION AND LOCATION RAF LAKENHEATH, UNITED KINGDOM			4. PROJECT TITLE: LAKENHEATH HIGH SCHOOL REPLACEMENT																																								
5. PROGRAM ELEMENT	6. CATEGORY CODE 730787	7. PROJECT NUMBER EU00057	8. PROJECT COST (\$000) 69,638																																								
<p>This project will require the demolition of buildings 00812, 00816, 00820, 00823, 00825, 00826, 00828, 00828A, 00840, 00841, and 00872 for a total of 121,600 SF, detailed as follows:</p> <p><b>DEMO Table</b></p> <table border="1" data-bbox="201 531 639 926"> <thead> <tr> <th><u>Bldg#</u></th> <th><u>Area (SF)</u></th> <th><u>Year Built</u></th> </tr> </thead> <tbody> <tr><td>00812</td><td>9,085</td><td>1959</td></tr> <tr><td>00816</td><td>32,582</td><td>1959</td></tr> <tr><td>00820</td><td>19,967</td><td>1960</td></tr> <tr><td>00823</td><td>926</td><td>1992</td></tr> <tr><td>00825</td><td>2,454</td><td>1989</td></tr> <tr><td>00826</td><td>9,311</td><td>1987</td></tr> <tr><td>00828</td><td>10,140</td><td>1960</td></tr> <tr><td>0828A</td><td>258</td><td>1989</td></tr> <tr><td>00840</td><td>20,559</td><td>1968</td></tr> <tr><td>00841</td><td>9,106</td><td>1992</td></tr> <tr><td>00872</td><td>7,212</td><td>1959</td></tr> <tr><td>Total</td><td>121,600</td><td></td></tr> </tbody> </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. The facility will achieve either a USGBC Leadership in Energy and Environment Design (LEED) Silver or the United Kingdom's BREEAM equivalent project sustainability rating.</p> <p>This Facility will be designed in accordance with DoDEA 21st Century Education Facilities Specifications, Antiterrorism/Force Protection (ATFP) 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, as well as U.S. federal environmental laws and regulations.</p> <p>Air Conditioning Load: 25</p>					<u>Bldg#</u>	<u>Area (SF)</u>	<u>Year Built</u>	00812	9,085	1959	00816	32,582	1959	00820	19,967	1960	00823	926	1992	00825	2,454	1989	00826	9,311	1987	00828	10,140	1960	0828A	258	1989	00840	20,559	1968	00841	9,106	1992	00872	7,212	1959	Total	121,600	
<u>Bldg#</u>	<u>Area (SF)</u>	<u>Year Built</u>																																									
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<p>11. REQUIREMENT: 140,337 SF      ADQT: 0 sf      SUBSTD: 128,998 SF (existing facility)</p> <p><u>PROJECT:</u></p> <p>Replace the existing high school facility by constructing a new high school facility located on the former Windsor Circle housing site.</p> <p><u>REQUIREMENT:</u></p> <p>The new school is required to provide adequate academic facilities for 557 students in grades 9 through 12. School population is based on current school year enrollments as well as historical enrollment trends.</p> <p><u>CURRENT SITUATION:</u></p> <p>The existing facilities were built between 1959 and 1992 and have been assigned an "under maintained (Poor)", or Q3 effective facility condition rating, meaning it is more economical in the long term to replace the facilities rather than paying maintenance and repair costs.</p>																																											



1. COMPONENT DoDEA	<b>FY 2014 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date March 2013
3. INSTALLATION AND LOCATION RAF LAKENHEATH, UNITED KINGDOM			4. PROJECT TITLE: LAKENHEATH HIGH SCHOOL REPLACEMENT	
5. PROGRAM ELEMENT	6. CATEGORY CODE 730787	7. PROJECT NUMBER EU00057	8. PROJECT COST (\$000) 69,638	
<p>Additionally, the facilities do not meet 21st Century Education Facilities Specifications, have notably undersized classrooms and the current layout of the facility reduces efficiencies and fails to meet the standards of the DoDEA Education Facilities Specifications. Aging building systems result in excessive maintenance costs and interrupt school operations. Currently in need of repair/replacement are most interior finishes and appurtenances, significant portions of the facility roofing, anal heating systems, electrical distribution systems, and fire protection /life safety systems. There exist 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. Due to the campus' proximity to the base runway there is extreme noise pollution which disturbs the classroom teaching environment and should be corrected.</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, 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, straining the maintenance budgets. The interruptions due to aircraft noise, known as the "Lakenheath pause" will continue to hamper student learning if modern facility construction methods and materials are not provided to abate the noise and reduce this distraction.</p> <p>The existing facilities remain inadequate, with utilities and facilities that are well beyond their useful service life. The facility does 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</p> <p><u>ADDITIONAL:</u></p> <p>This project has been coordinated with the installation physical security plans and all AT/FP measures are included. The use of temporary classroom facilities will be included in the event the construction schedule is delayed as a result of unforeseen circumstances and to accommodate the phased demolition of buildings if applicable.</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></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 (571) 372-1405</p>				

1. COMPONENT DoDEA	FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2. Date March 2013																
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12. Supplemental Data:																				
<p>Site Approval: Yes <input checked="" type="checkbox"/> Obtained Date: Feb 2013</p> <p>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: Aircraft noise hazard presents concern for acoustical treatment of building envelope</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: No issue</p> <p>g. Operational problems: No issue</p> <p>h. Traffic patterns impact: No issue</p> <p>i. Existing utilities upgrade: No issue</p> <p>j. Ordinance sweep required prior to construction: No issue</p>																				
<p>Planning:</p> <p>Consistent with Installation Master Plan: Project is replacing the facility on the former Windsor Circle housing site. Therefore, it is compatible with current installation master plan.</p> <p>Host Nation Approval: N/A</p> <p>NEPA Documentation Complete: Yes, Categorical exclusion</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. Other: No</p>																				
<p>A. Design Data (Estimated):</p> <p>(1) Status:</p> <table> <tr> <td>(a) Design Start Date</td> <td>Feb 2012</td> </tr> <tr> <td>(b) Parametric Cost Estimate Used to Develop Costs</td> <td>Yes, May 2012</td> </tr> <tr> <td>(c) Percent of Design Completed as of Jan 2013</td> <td>15%</td> </tr> <tr> <td>(d) Expected 35% Design Date</td> <td>Feb 2014</td> </tr> <tr> <td>(e) 100% Design Completion Date</td> <td>Mar 2014</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) Design was Most Recently Used</td> <td>N/A</td> </tr> </table>					(a) Design Start Date	Feb 2012	(b) Parametric Cost Estimate Used to Develop Costs	Yes, May 2012	(c) Percent of Design Completed as of Jan 2013	15%	(d) Expected 35% Design Date	Feb 2014	(e) 100% Design Completion Date	Mar 2014	(f) Type of Design Contract:	Design/Bid/Build	(a) Standard or Definitive Design - (YES/NO)	No	(b) Design was Most Recently Used	N/A
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