

**DoD Education Activity
FY 2012 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>
Georgia				
Fort Benning Replace McBride Elementary School	37,205	37,205	C	87
Kentucky				
Fort Knox Replace Kingsolver/Pierce Elementary Schools	38,845	38,845	C	91
Massachusetts				
Hanscom AFB Replace Hanscom Middle School	34,040	34,040	C	95
North Carolina				
Fort Bragg Replace District Superintendent's Office	3,138	3,138	C	100
MCAS New River Replace Delalio Elementary School	22,687	22,687	C	104
Virginia				
Naval Support Facility, Dahlgren Dahlgren Elementary/Middle School Addition	1,988	1,988	C	108
Germany				
Spangdahlem AB Replace Bitburg Elementary School	41,876	41,876	C	112
Replace Bitburg Middle School and High School	87,167	87,167	C	116
USAG Ansbach Ansbach Middle/High School Addition	11,672	11,672	C	120
USAG Baumholder Replace Wetzels-Smith Elementary Schools	59,419	59,419	C	124
USAG Grafenwoehr Netzaberg Middle School Addition	6,529	6,529	C	128
Italy				
Vicenza Replace Vicenza High School	41,864	41,864	C	132

**DoD Education Activity
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 (\$ in thousands)**

<u>State/Installation/Project</u>	<u>Authorization Request</u>	<u>Approp. Request</u>	<u>New/ Current Mission</u>	<u>Page No.</u>
Japan				
Yokota AB				
Replace Temporary Building, Joan K. Mendel ES	12,236	12,236	C	136
Replace Yokota High School	49,606	49,606	C	
United Kingdom				
RAF Alconbury				
Replace Alconbury High School	35,030	35,030	C	145
Total	483,302	483,302		

1. COMPONENT DoDEA		FY 2012 MILITARY CONSTRUCTION PROGRAM					2. Date February 2011				
3. Installation and Location Fort Benning, Georgia				4. COMMAND DoDEA			5. AREA CONSTRUCTION COST INDEX 0.98				
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED		TOTAL	
		OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED		CIVILIAN
a. AS OF 30 SEP 2010							397				397
b. END FY 2014							650				650
7. INVENTORY DATA (\$000)											
TOTAL ACREAGE										0	
INVENTORY TOTAL AS OF										0	
AUTHORIZATION NOT YET IN INVENTORY										0	
AUTHORIZATION REQUESTED IN THIS PROGRAM.....										37,205	
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....										0	
PLANNED IN NEXT THREE PROGRAM YEARS.....										0	
REMAINING DEFICIENCY.....										0	
GRAND TOTAL.....										37,205	
CATEGORY CODE 73046		PROJECT TITLE Replace McBride Elementary School			SCOPE 119,626 SF		COST (\$000) 37,205		DESIGN START Dec 2010		STATUS COMPLETE Jun 2014
9. FUTURE PROJECTS											
a. INCLUDED IN FOLLOWING PROGRAM None											
b. PLANNED IN NEXT THREE YEARS None											
10. MISSION OR MAJOR FUNCTIONS Military Dependent Education											
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: None											

1. Component DoDEA		FY 2012 MILITARY CONSTRUCTION PROGRAM			2. Date February 2011	
3. Installation and Location Fort Benning, Georgia			4. Project Title Replace McBride Elementary School			
5. Program Element		6. Category Code 73046	7. Project Number AM00023		8. Project Cost (\$000) 37,205	
9. Cost Estimates						
		U/M	QUANTITY	UNIT COST	COST (\$000)	
PRIMARY FACILITY					27,736	
Construction		SF	119,626	211	(25,241)	
Sustainable Design Initiative		LS	-	-	(2,495)	
SUPPORTING FACILITIES					5,472	
Paving & Walks, Curbs & Gutters, Covered Walkways		LS	-	-	(1,647)	
Site Preparation & Development		LS	-	-	(1,470)	
Water, Sewer & Gas		LS	-	-	(270)	
Storm Drainage		LS	-	-	(730)	
Electrical Service		LS	-	-	(85)	
Communication		LS	-	-	(50)	
Playgrounds		LS	-	-	(560)	
Demolition		LS	-	-	(660)	
SUBTOTAL					33,208	
CONTINGENCY (5.0%)					<u>1,660</u>	
ESTIMATED CONSTRUCTION COST					34,868	
SUPERVISION & ADMINISTRATION (5.7%)					1,988	
ENGINEERING DURING CONSTRUCTION (1%)					<u>349</u>	
TOTAL PROJECT COST					37,205	
10. DESCRIPTION OF PROPOSED CONSTRUCTION:						
<p>This project will construct a new elementary school to replace the existing elementary school. The project will include general purpose classrooms, gymnasium, information center, computer lab, cafeteria/food service/kitchen, supply areas, specialist rooms, music room, art room, learning impaired room, teacher work rooms, counseling areas, storage, administrative offices, and other required areas for a fully functioning facility. Project includes related infrastructure such as parking areas, mechanical rooms, delivery areas, and playgrounds. Site improvements include signage, fencing, paving, landscaping, covered walkways, exterior lighting and utilities. The project development will require the demolition of existing buildings and supporting facilities at McBride Elementary School. The plan is to build the new school adjacent to the old, on the existing school's site, without interrupting school operations.</p>						

1. Component DoDEA	FY 2012 MILITARY CONSTRUCTION PROGRAM			2. Date February 2011
3. Installation and Location Fort Benning, Georgia			4. Project Title Replace McBride Elementary School	
5. Program Element	6. Category Code 73046	7. Project Number AM00023	8. Project Cost (\$000) 37,205	

10. DESCRIPTION OF PROPOSED CONSTRUCTION (continued):

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. Sustainable design will be integrated into the design in accordance with Leadership in Energy and Environmental Design (LEED) for Schools Silver criteria.

11. REQUIREMENT:

PROJECT: Replace the existing elementary school with a new elementary school.

REQUIREMENT: The new school is required to provide adequate academic facilities for students in grades Pre-K through 5.

CURRENT SITUATION: The existing facilities are in poor condition. Many of the 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 Education Facilities Specifications. Aging utility infrastructure systems result in excessive maintenance costs. Most infrastructure components, such as HVAC, electrical and plumbing, have exceeded their useful life. There are numerous NFPA Life Safety and ADA code deficiencies, no fire suppression systems, and poor indoor air quality. 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.

IMPACT IF NOT PROVIDED: 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.

ADDITIONAL:

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.

Sustainable principles will be integrated 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.

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

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

POC is Mr. Mike Smiley, mike.smiley@hq.dodea.edu (703) 588-3509

1. Component DoDEA	FY 2012 MILITARY CONSTRUCTION PROGRAM			2. Date February 2011
3. Installation and Location Fort Benning, Georgia			4. Project Title Replace McBride Elementary School	
5. Program Element	6. Category Code 73046	7. Project Number AM00023	8. Project Cost (\$000) 37,205	

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

1. Status:

- | | |
|--|------------------|
| (a) Date Design Started | Dec 2010 |
| (b) Parametric Cost Estimate Used to Develop Costs | No |
| (c) Percent Complete as of January 1, 2011 | 5% |
| (d) Date 35 Percent Complete | May 2011 |
| (e) Date Design Complete | Dec 2011 |
| (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 Cost (c) = (a) + (b) or (d) + (e)

- | | |
|--|----------|
| (a) Production of Plans and Specifications | |
| (b) All other Design Costs | |
| (c) Total | 3,844 |
| (d) Contract | 2,306 |
| (e) In-house | 1,538 |
| 4. Contract Award | Jan 2012 |
| 5. Construction Start | Mar 2012 |
| 6. Construction Complete | Jun 2014 |

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Furnishings/Equipment	O&M	2014	1,111
Kitchen Equipment	O&M	2014	800
Active Network Hardware for Local Area Network and Voice over IP Phone Systems (Passive cable plant installation priced and included as part of construction)	O&M	2014	1,000

1. COMPONENT DoDEA		FY 2012 MILITARY CONSTRUCTION PROGRAM					2. Date February 2011				
3. Installation and Location Fort Knox, 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 2010							491				491
b. END FY 2014							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.....										38,845	
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....										0	
PLANNED IN NEXT THREE PROGRAM YEARS.....										0	
REMAINING DEFICIENCY.....										0	
GRAND TOTAL.....										38,845	
CATEGORY CODE 73046		PROJECT TITLE Replace Kingsolver and Pierce Elementary Schools			SCOPE 115,289 SF		COST (\$000) 38,845		DESIGN START Dec 2010		STATUS COMPLETE Jun 2014
9. FUTURE PROJECTS											
a. INCLUDED IN FOLLOWING PROGRAM None											
b. PLANNED IN NEXT THREE YEARS None											
10. MISSION OR MAJOR FUNCTIONS Military Dependent Education											
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: None											

1. Component DoDEA		FY 2012 MILITARY CONSTRUCTION PROGRAM		2. Date February 2011	
3. Installation and Location Fort Knox, Kentucky			4. Project Title Replace Kingsolver and Pierce Elementary Schools		
5. Program Element		6. Category Code 73046	7. Project Number AM00026		8. Project Cost (\$000) 38,845

9. Cost Estimates

	U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY				27,541
Construction	SF	115,289	218.5	(25,191)
Sustainable Design Initiative	LS			(2,350)
SUPPORTING FACILITIES				7,132
Paving & Walks, Curbs & Gutters, Covered Walkways	LS	-	-	(1,037)
Site Preparation & Development	LS	-	-	(1,085)
Water, Sewer & Gas	LS	-	-	(1,472)
Storm Drainage	LS	-	-	(620)
Electrical Service	LS	-	-	(700)
Communication	LS	-	-	(625)
Playgrounds	LS	-	-	(245)
Demolition	SF	93,522	14.41	(1,348)
SUBTOTAL				34,673
CONTINGENCY (5.0%)				<u>1,733</u>
ESTIMATED CONSTRUCTION COST				36,406
SUPERVISION & ADMINISTRATION (5.7%)				2,075
ENGINEERING DURING CONSTRUCTION (1%)				<u>364</u>
TOTAL PROJECT COST				38,845

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

This project will construct a new elementary school, replacing and consolidating two existing elementary schools. The project will include general purpose classrooms, gymnasium, information center, computer lab, supply areas, specialist rooms, music room, art room, learning impaired rooms, teacher work rooms, counseling areas, storage, administrative offices, and other required areas for a fully functioning facility. This project includes related infrastructure such as parking areas, parent loop, bus loop, mechanical rooms, delivery areas, and playgrounds. Site improvements include signage, fencing, paving, landscaping, exterior lighting, storm water collection, utilities, and covered walkways. The project development will require the demolition of the existing buildings and supporting facilities at Pierce and Kingsolver Elementary Schools following construction of the new school. The plan is to build the new consolidated school adjacent to the old Kingsolver Elementary School, on the existing school's site, without interrupting school operations.

1. Component DoDEA	FY 2012 MILITARY CONSTRUCTION PROGRAM			2. Date February 2011
3. Installation and Location Fort Knox, Kentucky			4. Project Title Replace Kingsolver and Pierce Elementary Schools	
5. Program Element	6. Category Code 73046	7. Project Number AM00026	8. Project Cost (\$000) 38,845	

10. DESCRIPTION OF PROPOSED CONSTRUCTION (continued):

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. Sustainable design will be integrated into the design in accordance with Leadership in Energy and Environmental Design (LEED) for Schools, Silver criteria.

11. REQUIREMENT:

PROJECT: Replace two existing elementary schools with one consolidated elementary school.

REQUIREMENT: The new school is required to provide adequate academic facilities for students in grades Pre-K through 5.

CURRENT SITUATION: The existing facilities are in a failing condition per the DoD condition standards. Many of the buildings being replaced are greater than 50 years old. Existing classroom and education spaces are undersized and have inadequate infrastructure that fails to meet the standards of the DoDEA Education Facilities Specifications. Aging utility infrastructure systems result in excessive maintenance costs. Most infrastructure components, such as HVAC, electrical and plumbing, have exceeded their useful life. There are numerous NFPA Life Safety and ADA code deficiencies, no fire suppression systems, and poor indoor air quality. 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 Antiterrorism/Force Protection (AT/FP) requirements.

IMPACT IF NOT PROVIDED: The continued use of deficient, 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 education. Yearly maintenance and utility costs will continue to rise and the school will struggle to perform their mission due to the inadequate and undersized facilities.

ADDITIONAL:

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.

Sustainable principles will be integrated 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.

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

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

POC is Mr. Mike Smiley, mike.smiley@hq.dodea.edu (703) 588-3509

1. Component DoDEA	FY 2012 MILITARY CONSTRUCTION PROGRAM		2. Date February 2011
3. Installation and Location Fort Knox, Kentucky		4. Project Title Replace Kingsolver and Pierce Elementary Schools	
5. Program Element	6. Category Code 73046	7. Project Number AM00026	8. Project Cost (\$000) 38,845

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

1. Status:

- | | |
|--|------------------|
| (a) Date Design Started | Dec 2010 |
| (b) Parametric Cost Estimate Used to Develop Costs | No |
| (c) Percent Complete as of January 1, 2011 | 5% |
| (d) Date 35 Percent Complete | May 2011 |
| (e) Date Design Complete | Dec 2011 |
| (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 Cost (c) = (a) + (b) or (d) + (e)

- | | |
|--|----------|
| (a) Production of Plans and Specifications | |
| (b) All other Design Costs | |
| (c) Total | 3,960 |
| (d) Contract | 2,376 |
| (e) In-house | 1,584 |
| 4. Contract Award | Mar 2012 |
| 5. Notice to Proceed | May 2012 |
| 6. Construction Complete | Jun 2014 |

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Furnishings/Equipment	O&M	2014	1,200
Kitchen Equipment	O&M	2014	850
Active Network Hardware for Local Area Network and Voice over IP Phone Systems (Passive cable plant installation priced and included as part of construction)	O&M	2014	1,200

1. COMPONENT DoDEA		FY 2012 MILITARY CONSTRUCTION PROGRAM					2. Date February 2011				
3. Installation and Location Hanscom AFB, Massachusetts				4. COMMAND DoDEA			5. AREA CONSTRUCTION COST INDEX 1.20				
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			TOTAL
		OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 SEP 2010							246				246
b. END FY 2014							310				310
7. INVENTORY DATA (\$000)											
TOTAL ACREAGE										0	
INVENTORY TOTAL AS OF										0	
AUTHORIZATION NOT YET IN INVENTORY.....										0	
AUTHORIZATION REQUESTED IN THIS PROGRAM.....										34,040	
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....										0	
PLANNED IN NEXT THREE PROGRAM YEARS.....										0	
REMAINING DEFICIENCY.....										0	
GRAND TOTAL.....										34,040	
CATEGORY CODE 730787		PROJECT TITLE Replace Hanscom Middle School			SCOPE 85,000		COST (\$000) 34,040		DESIGN START Jan 2011		STATUS COMPLETE Aug 2014
9. FUTURE PROJECTS											
a. INCLUDED IN FOLLOWING PROGRAM None											
b. PLANNED IN NEXT THREE YEARS None											
10. MISSION OR MAJOR FUNCTIONS Military Dependent Education											
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: None											

1. Component DoDEA	FY 2012 MILITARY CONSTRUCTION PROGRAM			2. Date February 2011
3. Installation and Location Hanscom AFB, Massachusetts		4. Project Title Replace Hanscom Middle School		
5. Program Element	6. Category Code 730787	7. Project Number AM00027	8. Project Cost (\$000) 34,040	
9. Cost Estimates				
	U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY				23,011
Construction	SF	85,000	255.40	(21,709)
Sustainable Design Initiative	LS			(1,302)
SUPPORTING FACILITIES				7,373
Paving & Walks, Curbs & Gutters, Covered Walkways	LS			(1,160)
Site Preparation & Development	LS			(327)
Water, Sewer & Gas	LS			(611)
Storm Drainage	LS			(588)
Electrical Service	LS			(657)
Communication	LS			(327)
Demolish Existing Facility	SF	68,000	15.70	(1,068)
Temporary Swing Space & Associated Work	LS			(2,635)
SUBTOTAL				30,384
CONTINGENCY (5.0%)				1,519
ESTIMATED CONSTRUCTION COST				31,903
SUPERVISION & ADMINISTRATION (5.7%)				1,818
ENGINEERING DURING CONSTRUCTION (1%)				319
TOTAL PROJECT COST				34,040
10. DESCRIPTION OF PROPOSED CONSTRUCTION:				
<p>This project will construct a new middle school to replace the existing middle school. The project will include general purpose classrooms, gymnasium, information center, computer lab, science labs, supply areas, specialist rooms, music room, art room, learning impaired room, teacher work rooms, counseling areas, storage and administrative offices, and other required areas for a fully functioning facility. Cafeteria, food service and information center areas were sized for the future Middle School population as well as the future Elementary School population. The current Middle School facility is used for the Elementary School food service program and will be demolished to make room for the Middle School replacement.</p>				

1. Component DoDEA	FY 2012 MILITARY CONSTRUCTION PROGRAM			2. Date Februar;y 2011
3. Installation and Location Hanscom AFB, Massachusetts		4. Project Title Replace Hanscom Middle School		
5. Program Element	6. Category Code 730787	7. Project Number AM00027	8. Project Cost (\$000) 34,040	
<p>10. DESCRIPTION OF PROPOSED CONSTRUCTION (continued): The project includes related infrastructure such as parking areas, mechanical rooms, delivery areas, and playgrounds. Site improvements include signage, fencing, paving, landscaping, covered walkways, exterior lighting and utilities. The project development will require the demolition of existing buildings and supporting facilities at Hanscom Middle School.</p> <p>Phased building demolition will be required to accommodate new construction without interrupting school operations. The project will provide temporary swing space facilities during construction and deconstruct this temporary space after completion.</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. Sustainable design will be integrated into the design in accordance with Leadership in Energy and Environmental Design (LEED) for Schools Silver criteria.</p> <p>11. REQUIREMENT:</p> <p><u>PROJECT:</u> Replace the existing middle school by constructing a new middle school.</p> <p><u>REQUIREMENT:</u> The new school is required to provide adequate academic facilities for students in grades 4 through 8.</p> <p><u>CURRENT SITUATION:</u> The existing facilities are in a failing condition. Many of the buildings being replaced are 30 to 50 years old. Existing classroom and education spaces are dispersed across the school grounds. Inefficiencies due to 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 Facilities Specifications. Water infiltration has interrupted school operations and resulted in the need for roof repairs and floor replacements. Aging utility infrastructure systems result in excessive maintenance costs. Most infrastructure has suffered due to a lack of required repair and maintenance and exceeded its 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 standards for energy efficiency. Numerous maintenance and repair problems have developed and are becoming non-repairable. The existing facilities do not meet AT/FP requirements.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Continued use of unsafe, inadequate, and undersized facilities impairs the educational program. There will also be an increase in enrollment at Hanscom AFB with the completion of the base housing construction and renovation scheduled for completion in August 2011. If new facilities are not provided, the school will be undersized and provide a substandard environment 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 school will continue to struggle performing their mission in a limited capacity due to the inadequate and undersized facilities.</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>				

1. Component DoDEA	FY 2012 MILITARY CONSTRUCTION PROGRAM			2. Date February; y 2011
3. Installation and Location Hanscom AFB, Massachusetts		4. Project Title Replace Hanscom Middle School		
5. Program Element	6. Category Code 730787	7. Project Number AM00027	8. Project Cost (\$000) 34,040	
<p>11. REQUIREMENT (continued):</p> <p>The use of temporary classroom facilities will be included in the event the construction schedule is delayed as a result of unforeseen circumstances and to accommodate the phased demolition of buildings.</p> <p>Sustainable principles will be integrated 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. To decrease energy consumption consideration and evaluation will be given to: the use of natural redirected daylight through optimized building orientation and the use of window walls and clerestory windows; earth ducted cooling, floor slab cooling, solar heat collectors for hot water in locker rooms; night time air flushing for cooling ventilation and the incorporation of renewable energy sources. Water usage reduction strategies that will be considered are incorporating water and wastewater reduction technologies, such as low/no flow fixtures, and the use of rain water collection cisterns for non-potable toilets. Other sustainable principals that will be evaluated include: light pollution reduction, and the use of, recycled content and VOC low-emitting materials in construction materials and furniture.</p> <p>All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.</p> <p><u>JOINT USE CERTIFICATION:</u> This facility can be used by other components on an “as available” basis; however, the scope of the project is based on DoDEA requirements.</p> <p>POC is Mr. Mike Smiley, mike.smiley@hq.dodea.edu (703) 588-3509</p>				

1. Component DoDEA	FY 2012 MILITARY CONSTRUCTION PROGRAM		2. Date February; 2011
3. Installation and Location Hanscom AFB, Massachusetts		4. Project Title Replace Hanscom Middle School	
5. Program Element	6. Category Code 730787	7. Project Number AM00027	8. Project Cost (\$000) 34,040

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

1. Status:

- | | |
|--|------------------|
| (a) Date Design Started | Jan 2011 |
| (b) Parametric Cost Estimate Used to Develop Costs | No |
| (c) Percent Complete as of January 1, 2011 | 0% |
| (d) Date 35 Percent Complete | Jul 2011 |
| (e) Date Design Complete | Dec 2011 |
| (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 Cost (c) = (a) + (b) or (d) + (e)

- | | |
|--|----------|
| (a) Production of Plans and Specifications | |
| (b) All other Design Costs | |
| (c) Total | 1,975 |
| (d) Contract | 1,317 |
| (e) In-house | 658 |
| 4. Contract Award | Mar 2012 |
| 5. Construction Start | Jun 2012 |
| 6. Construction Complete | Aug 2014 |

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Furnishings/Equipment	O&M	2014	985
Kitchen Equipment	O&M	2014	500
Active Network Hardware for Local Area Network and Voice over IP Phone Systems (Passive cable plant installation priced and included as part of construction)	O&M	2014	950

1. COMPONENT DoDEA		FY 2012 MILITARY CONSTRUCTION PROGRAM					2. Date February 2011				
3. Installation and Location Fort Bragg, North Carolina				4. COMMAND DoDEA			5. AREA CONSTRUCTION COST INDEX 0.92				
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			TOTAL
		OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 SEP 2010				31			NA				31
b. END FY 2013				31			NA				31
7. INVENTORY DATA (\$000)											
TOTAL ACREAGE								0			
INVENTORY TOTAL AS OF								0			
AUTHORIZATION NOT YET IN INVENTORY.....								0			
AUTHORIZATION REQUESTED IN THIS PROGRAM.....								3,138			
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....								0			
PLANNED IN NEXT THREE PROGRAM YEARS.....								0			
REMAINING DEFICIENCY.....								0			
GRAND TOTAL.....								3,138			
CATEGORY CODE 73046		PROJECT TITLE Replace North Carolina District Superintendent's Office (DSO)			SCOPE 7,581 SF		COST (\$000) 3,138		DESIGN START Dec 2010		STATUS COMPLETE May 2013
9. FUTURE PROJECTS											
a. INCLUDED IN FOLLOWING PROGRAM None											
b. PLANNED IN NEXT THREE YEARS None											
10. MISSION OR MAJOR FUNCTIONS Administrative											
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: None											

1. Component DoDEA		FY 2012 MILITARY CONSTRUCTION PROGRAM		2. Date February 2011	
3. Installation and Location Fort Bragg, North Carolina			4. Project Title Replace North Carolina District Superintendent's Office (DSO)		
5. Program Element		6. Category Code 73046	7. Project Number AM00022		8. Project Cost (\$000) 3,138

9. Cost Estimates

	U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY				1,819
District Superintendent's Office (DSO)	SF	7,581	216.2	(1,639)
Sustainable Design Initiatives (11.5%)	LS			(180)
SUPPORTING FACILITIES				982
Electrical	LS			(179)
Water, Sewer, Gas	LS			(178)
Paving, Parking, Walks, Curbs, Gutters, Covered Walkways	LS			(88)
Storm Drainage	LS			(179)
Site Preparation	LS			(179)
Communications	LS			(179)
SUBTOTAL				2,801
CONTINGENCY (5.0%)				<u>140</u>
ESTIMATED CONSTRUCTION COST				2,941
SUPERVISION & ADMINISTRATION (5.7%)				168
ENGINEERING DURING CONSTRUCTION (1%)				<u>29</u>
TOTAL PROJECT COST				3,138

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Construct a new facility to house the North Carolina District Superintendent's Office (DSO) located at Fort Bragg, NC. The DSO will be designed to provide offices for the superintendent and DSO staff, provide waiting/reception for visitors and family members, provide conference spaces for school board and other meetings, provide training for district personnel, public restrooms, and centralize information systems. This project includes related infrastructure such as parking areas, mechanical rooms, and delivery areas. The project also includes site improvements such as signage, fencing, paving, landscaping, covered walkways, exterior lighting and utilities.

1. Component DoDEA	FY 2012 MILITARY CONSTRUCTION PROGRAM			2. Date February 2011
3. Installation and Location Fort Bragg, North Carolina			4. Project Title Replace North Carolina District Superintendent's Office (DSO)	
5. Program Element	6. Category Code 73046	7. Project Number AM00022	8. Project Cost (\$000) 3,138	
<p>10. DESCRIPTION OF PROPOSED CONSTRUCTION(continued):</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. Sustainable design will be integrated into the design in accordance with Leadership in Energy and Environmental Design (LEED) for Schools Silver criteria.</p> <p>11. REQUIREMENT:</p> <p><u>PROJECT:</u> Construct a new District Superintendent's Office (DSO) at Fort Bragg, North Carolina.</p> <p><u>REQUIREMENT:</u> Currently, all North Carolina DSO functions are housed in a portion of Irwin Intermediate School (IS), Fort Bragg, N.C and adjacent portable facilities. The Irwin IS is scheduled to be replaced by a FY09 MILCON project that will construct a new Irwin IS and demolish the current school. All DSO functions currently located at Irwin IS must be moved prior to the demolition and return of this property to Fort Bragg. The location of the new DSO facility will be sited on the northwestern corner of the current Butner Elementary School campus near the corner of Normandy Drive and Bastogne Road, Fort Bragg, NC. This site is centrally located near Fort Bragg schools and housing areas; which will provide convenience to military families. There is no demolition included in this project; all current DSO facilities are to be demolished by the FY09 MILCON project to replace Irwin IS. Security, fire protection, and building management systems, adequate staff and visitor parking, exterior and security lighting will be provided.</p> <p><u>CURRENT SITUATION:</u> The facility that currently houses the NC DSO is scheduled to be vacated and all functions of the Irwin IS relocated to a new school to be built on Fort Bragg, N.C. The new school will not include offices for the North Carolina DSO. In addition to this, due to lack of space in the current facility many DSO functions are housed in inadequate portable facilities located adjacent to the school that will be replaced by the new DSO.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Construction of a new DSO is the only method of obtaining the space needed to accommodate the District Superintendent's Office personnel and adequately serve military dependents at Fort Bragg, NC, Camp Lejeune, NC, and New River MCAS, NC.</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>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> <p>Sustainable principles will be integrated 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.</p> <p>All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.</p> <p><u>JOINT USE CERTIFICATION:</u> This facility can be used by other components on an "as available" basis; however, the scope of the project is based on DoDEA requirements.</p> <p>POC is Mr. Mike Smiley, mike.smiley@hq.dodea.edu (703) 588-3509</p>				

1. Component DoDEA	FY 2012 MILITARY CONSTRUCTION PROGRAM			2. Date February 2011
3. Installation and Location Fort Bragg, North Carolina			4. Project Title Replace North Carolina District Superintendent's Office (DSO)	
5. Program Element	6. Category Code 73046	7. Project Number AM00022	8. Project Cost (\$000) 3,138	

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

1. Status:

- | | |
|--|------------------|
| (a) Date Design Started | Dec 2010 |
| (b) Parametric Cost Estimate Used to Develop Costs | No |
| (c) Percent Complete as of January 1, 2010 | 5% |
| (d) Date 35 Percent Complete | May 2011 |
| (e) Date Design Complete | Dec 2011 |
| (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 Cost (c) = (a) + (b) or (d) + (e)

- | | |
|--|----------|
| (a) Production of Plans and Specifications | |
| (b) All other Design Costs | |
| (c) Total | 300 |
| (d) Contract | 192 |
| (e) In-house | 108 |
| 4. Contract Award | Jan 2012 |
| 5. Construction Start | Mar 2012 |
| 6. Construction Complete | May 2013 |

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Furnishings/Equipment	O&M	13	250
Active Network Hardware for Local Area Network and Voice over IP Phone Systems (Passive cable plant installation priced and included as part of construction)	O&M	13	400

1. COMPONENT DoDEA		FY 2012 MILITARY CONSTRUCTION PROGRAM					2. Date February 2011				
3. Installation and Location MCAS New River, North Carolina				4. COMMAND DoDEA		5. AREA CONSTRUCTION COST INDEX 1.06					
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED		TOTAL	
		OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED		CIVILIAN
a. AS OF 30 SEP 2010							261				261
b. END FY 2013							300				300
7. INVENTORY DATA (\$000)											
TOTAL ACREAGE 0											
INVENTORY TOTAL AS OF 0											
AUTHORIZATION NOT YET IN INVENTORY 0											
AUTHORIZATION REQUESTED IN THIS PROGRAM..... 22,687											
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM..... 0											
PLANNED IN NEXT THREE PROGRAM YEARS..... 0											
REMAINING DEFICIENCY..... 0											
GRAND TOTAL..... 22,687											
CATEGORY CODE 73061		PROJECT TITLE Replace Delalio Elementary School			SCOPE 66,448 SF		COST (\$000) 22,687		DESIGN START Jan 2011		STATUS COMPLETE Jul 2013
9. FUTURE PROJECTS											
a. INCLUDED IN FOLLOWING PROGRAM None											
b. PLANNED IN NEXT THREE YEARS None											
10. MISSION OR MAJOR FUNCTIONS Military Dependent Education											
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: None											

1. Component DoDEA		FY 2012 MILITARY CONSTRUCTION PROGRAM		2. Date February 2011	
3. Installation and Location MCAS New River, North Carolina			4. Project Title Replace Delalio Elementary School		
5. Program Element		6. Category Code 73061	7. Project Number AM00025		8. Project Cost (\$000) 22,687
9. Cost Estimates					
		U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY					16,014
Construction		SF	66,448	227	(15,084)
Sustainable Design Initiative		LS			(930)
SUPPORTING FACILITIES					4,236
Paving, Walks, Curbs & Gutters, Covered Walkways		LS			(689)
Site Preparation & Development		LS			(470)
Water, Sewer & Gas		LS			(850)
Storm Drainage		LS			(310)
Electrical Service		LS			(606)
Communication		LS			(470)
Demolish Existing Facility		SF	34,949	15.55	(543)
Playgrounds		LS			(298)
SUBTOTAL					20,250
CONTINGENCY (5.0%)					<u>1,012</u>
ESTIMATED CONSTRUCTION COST					21,262
SUPERVISION & ADMINISTRATION (5.7%)					1,212
ENGINEERING DURING CONSTRUCTION (1%)					<u>213</u>
TOTAL PROJECT COST					22,687
10. DESCRIPTION OF PROPOSED CONSTRUCTION:					
<p>This project will construct a new elementary school to replace the existing elementary school. The project will include general purpose classrooms, information center, computer lab, 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 facility. This project includes related infrastructure such as parking areas, mechanical rooms, delivery areas, covered walkways, playgrounds, signage, fencing, paving, landscaping, exterior lighting and utilities. The new school will connect to the existing and recently constructed Gymnasium/Music Room addition which is currently in good condition. The existing facilities will be demolished. The current site is large enough to accommodate the new school with minimal impact on existing school operations during construction.</p>					

1. Component DoDEA	FY 2012 MILITARY CONSTRUCTION PROGRAM			2. Date February 2011
3. Installation and Location MCAS New River, North Carolina		4. Project Title Replace Delalio Elementary School		
5. Program Element	6. Category Code 73061	7. Project Number AM00025	8. Project Cost (\$000) 22,687	
<p>10. DESCRIPTION OF PROPOSED CONSTRUCTION(continued): 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. Sustainable design will be integrated into the design in accordance with Leadership in Energy and Environmental Design (LEED) for Schools Silver criteria.</p> <p>11. REQUIREMENT: <u>PROJECT:</u> Replace the existing elementary school by constructing a new elementary school while maintaining the existing Gym/ Music building.</p> <p><u>REQUIREMENT:</u> The new school is required to provide adequate academic facilities for students in grades Pre-K through 5.</p> <p><u>CURRENT SITUATION:</u> The existing facilities are in failing condition. The buildings being replaced are close to 50 years old. Additionally, undersized classrooms, inadequate facilities, and poorly configured buildings further reduce efficiency and fail to meet the standards of the DoDEA Education Facilities Specifications. Aging utility infrastructure systems result in excessive maintenance costs. Most infrastructure has suffered due to a lack of required repair and maintenance and has exceeded its 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 replacement. 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 AT/FP requirements.</p> <p><u>IMPACT IF NOT PROVIDED:</u> 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 education. Yearly maintenance and utility costs will continue to rise.</p> <p><u>ADDITIONAL:</u> 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> <p>Sustainable principles will be integrated 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. To decrease energy consumption consideration and evaluation will be given to: the use of natural redirected daylight through optimized building orientation and the use of window walls and clerestory windows; earth ducted cooling, floor slab cooling; green roofs, night time air flushing for cooling ventilation and the incorporation of renewable energy sources. Water usage reduction strategies that will be considered are incorporating water and wastewater reduction technologies, such as low/no flow fixtures, and the use of rain water collection cisterns for non-potable toilets. Other sustainable principals that will be evaluated include: light pollution reduction, and the use of, recycled content and VOC low-emitting materials in construction materials and furniture.</p> <p>All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.</p> <p><u>JOINT USE CERTIFICATION:</u> This facility can be used by other components on an "as available" basis; however, the scope of the project is based on DoDEA requirements.</p> <p>POC is Mr. Mike Smiley, mike.smiley@hq.dodea.edu (703) 588-3509</p>				

1. Component DoDEA	FY 2012 MILITARY CONSTRUCTION PROGRAM			2. Date February 2011
3. Installation and Location MCAS New River, North Carolina			4. Project Title Replace Delalio Elementary School	
5. Program Element	6. Category Code 73061	7. Project Number AM00025	8. Project Cost (\$000) 22,687	

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

1. Status:

- (a) Date Design Started Jan 2011
- (b) Parametric Cost Estimate Used to Develop Costs No
- (c) Percent Complete as of January 1, 2011 0%
- (d) Date 35 Percent Complete May 2011
- (e) Date Design Complete Nov 2011
- (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 Cost (c) = (a) + (b) or (d) + (e)

- (a) Production of Plans and Specifications
- (b) All other Design Costs
- (c) Total 2,280
- (d) Contract 1,368
- (e) In-house 912
- 4. Contract Award Jan 2012
- 5. Construction Start Mar 2012
- 6. Construction Complete Jul 2013

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Furnishings/Equipment	O&M	2013	728
Kitchen Equipment	O&M	2013	520
Active Network Hardware for Local Area Network and Voice over IP Phone Systems (Passive cable plant installation priced and included as part of construction)	O&M	2013	885

1. COMPONENT DoDEA		FY 2012 MILITARY CONSTRUCTION PROGRAM					2. Date February 2011				
3. Installation and Location Naval Support Facility Dahlgren, VA				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 2010							110				110
b. END FY 2013							150				150
7. INVENTORY DATA (\$000)											
TOTAL ACREAGE										0	
INVENTORY TOTAL AS OF										0	
AUTHORIZATION NOT YET IN INVENTORY.....										0	
AUTHORIZATION REQUESTED IN THIS PROGRAM.....										1,988	
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....										0	
PLANNED IN NEXT THREE PROGRAM YEARS.....										0	
REMAINING DEFICIENCY.....										0	
GRAND TOTAL.....										1,988	
<u>CATEGORY CODE</u> 73061		<u>PROJECT TITLE</u> Dahlgren Elementary/Middle School Addition			<u>SCOPE</u> 5,800 SF		<u>COST (\$000)</u> 1,988		<u>DESIGN START</u> Dec 2010		<u>STATUS COMPLETE</u> Aug 2013
9. FUTURE PROJECTS											
a. INCLUDED IN FOLLOWING PROGRAM None											
b. PLANNED IN NEXT THREE YEARS None											
10. MISSION OR MAJOR FUNCTIONS Military Dependent Education											
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: None											

1. Component DoDEA		FY 2012 MILITARY CONSTRUCTION PROGRAM		2. Date February 2011	
3. Installation and Location Naval Support Facility Dahlgren, VA			4. Project Title Dahlgren Elementary/Middle School Addition		
5. Program Element		6. Category Code 73061	7. Project Number AM00030		8. Project Cost (\$000) 1,988
9. Cost Estimates					
		U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY					1,487
Construct Building Addition		SF	5,800	248	(1,438)
Sustainable Design Initiative		LS	-		(49)
SUPPORTING FACILITIES					287
Electrical		LS	-	-	(45)
Water, Sewer, Gas		LS	-	-	(67)
Paving, Parking, Walks, Curbs & Gutters		LS	-	-	(71)
Storm Drainage		LS	-	-	(50)
Site Preparation		LS	-	-	(48)
Communications		LS	-	-	(6)
SUBTOTAL					1,774
CONTINGENCY (5.0%)					<u>89</u>
ESTIMATED CONSTRUCTION COST					1,863
SUPERVISION & ADMINISTRATION (5.7%)					106
ENGINEERING DURING CONSTRUCTION (1.0%)					<u>19</u>
TOTAL PROJECT COST					1,988
10. DESCRIPTION OF PROPOSED CONSTRUCTION:					
<p>Construct a new 5,800 square foot building addition to the existing Dahlgren Elementary/Middle School (ES/MS). The addition shall provide a full service kitchen that will serve meals to 150 students attending the school. The addition will also include an adjacent dedicated lunchroom for eating prepared meals. Also included in the addition is a space to accommodate a technology server room that will be used to contain the local area network (LAN) system cable cabinets and computer service area, as well as two restrooms. Project includes related infrastructure such as parking areas, mechanical rooms, delivery areas, and playgrounds.</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. Sustainable design will be integrated into the design in accordance with Leadership in Energy and Environmental Design (LEED) for Schools Silver criteria.</p>					

1. Component DoDEA	FY 2012 MILITARY CONSTRUCTION PROGRAM		2. Date February 2011
3. Installation and Location Naval Support Facility Dahlgren,VA		4. Project Title Dahlgren Elementary/Middle School Addition	
5. Program Element	6. Category Code 73061	7. Project Number AM00030	8. Project Cost (\$000) 1,988

11. REQUIREMENT:

PROJECT: Construct a new kitchen addition with an associated eating area. The project will also renovate 475 square feet of an existing space in the school in order to provide a new computer technology server room.

REQUIREMENT: A full service kitchen facility with modern kitchen equipment is needed to serve 150 students at Dahlgren ES/MS in grades Pre-K thru 8th. There is also a need to have a computer technology room that will allow IT personnel to have proper climate controlled facilities for LAN cabinets, IT hardware, and computer repair.

CURRENT SITUATION: The existing Dahlgren ES/MS currently does not have a kitchen to prepare meals for the students. Children are required to bring their own lunches or walk home during the school day to eat lunch. This results in longer lunch periods and daily monitoring of the movement of children in and out of the school and takes away from instructional time in the classroom. There is no designated eating area. Students that remain at school eat in classrooms or other general areas. There is inadequate space for LAN equipment, cabinets, hardware, and computer repairs. Use of small closets and inadequate spaces for these IT equipment items results in poor LAN connectivity in the school as well as not allowing enough room for access and maintenance of the equipment. Current spaces are not cooled properly to allow the LAN equipment and cabling cabinets to function without connectivity problems.

IMPACT IF NOT PROVIDED: Without the construction of a new building addition to house a new kitchen and eating facility, children will continue to bring their own lunch to school or return home during the school day. Longer lunch periods will continue in order to compensate for departure and return of students, and instructional time will continue to be reduced. Without the renovation of existing space into an appropriate computer technology/server room that is properly cooled by a dedicated A/C system, the school will continue to have poor LAN connectivity and equipment will deteriorate at an accelerated rate due to the operating environment.

ADDITIONAL:

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.

Sustainable principles will be integrated 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.

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

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

POC is Mr. Mike Smiley, mike.smiley@hq.dodea.edu (703) 588-3509

1. Component DoDEA	FY 2012 MILITARY CONSTRUCTION PROGRAM		2. Date February 2011
3. Installation and Location Naval Support Facility Dahlgren,VA		4. Project Title Dahlgren Elementary/Middle School Addition	
5. Program Element	6. Category Code 73061	7. Project Number AM00030	8. Project Cost (\$000) 1,988

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

1. Status:

- | | |
|--|------------------|
| (a) Date Design Started | Dec 2010 |
| (b) Parametric Cost Estimate Used to Develop Costs | No |
| (c) Percent Complete as of January 1, 2011 | 5% |
| (d) Date 35 Percent Complete | Jun 2011 |
| (e) Date Design Complete | Dec 2011 |
| (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 Cost (c) = (a) + (b) or (d) + (e)

- | | |
|--|----------|
| (a) Production of Plans and Specifications | |
| (b) All other Design Costs | |
| (c) Total | 350 |
| (d) Contract | 225 |
| (e) In-house | 125 |
| 4. Contract Award | Mar 2012 |
| 5. Construction Start | May 2012 |
| 6. Construction Complete | Aug 2013 |

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Furnishings/Equipment	O&M	2013	350
Kitchen Equipment	O&M	2013	250
Active Network Hardware for Local Area Network and Voice over IP Phone Systems (Passive cable plant installation priced and included as part of construction)	O&M	2013	250

1. COMPONENT DoDEA		FY 2012 MILITARY CONSTRUCTION PROGRAM					2. Date February 2011				
3. Installation and Location Spangdahlem AB, Germany				4. COMMAND DoDEA			5. AREA CONSTRUCTION COST INDEX 1.14				
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			TOTAL
		OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 SEP 2010							1510				1510
b. END FY 2014							1510				1510
7. INVENTORY DATA (\$000)											
TOTAL ACREAGE							0				
INVENTORY TOTAL AS OF							0				
AUTHORIZATION NOT YET IN INVENTORY.....							0				
AUTHORIZATION REQUESTED IN THIS PROGRAM.....							129,043				
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....							0				
PLANNED IN NEXT THREE PROGRAM YEARS.....							0				
REMAINING DEFICIENCY.....							0				
GRAND TOTAL.....							129,043				
CATEGORY CODE 730787		PROJECT TITLE Replace Bitburg Elementary School			SCOPE 125,663 SF	COST (\$000) 41,876	DESIGN START Jan 2011	STATUS COMPLETE Aug 2014			
730787		Replace Bitburg Middle School and High School			221,581 SF	87,167	Jan 2011	Aug 2014			
9. FUTURE PROJECTS											
a. INCLUDED IN FOLLOWING PROGRAM None											
b. PLANNED IN NEXT THREE YEARS None											
10. MISSION OR MAJOR FUNCTIONS Military Dependent Education											
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: None											

1. Component DoDEA		FY 2012 MILITARY CONSTRUCTION PROGRAM		2. Date February 2011	
3. Installation and Location Spangdahlem AB, Germany			4. Project Title Replace Bitburg Elementary School		
5. Program Element		6. Category Code 730787	7. Project Number EU00033		8. Project Cost (\$000) 41,876

9. Cost Estimates

	U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY				29,269
Construction	SF	102,998	240.81	(24,803)
Renovation	SF	22,665	175.17	(3,970)
SDD and EPAAct05 (2%)	LS	-	-	(496)
Temporary Facilities	LS	-	-	750
SUPPORTING FACILITIES				7,080
Paving and Walks, Curbs and Gutters	LS	-	-	(1,351)
Site Preparation & Development	LS	-	-	(2,222)
Water, Sewer & Gas	LS	-	-	(105)
Storm Drainage	LS	-	-	(898)
Electrical Service	LS	-	-	(471)
Communication	LS	-	-	(135)
Antiterrorism/Force Protection (AT/FP)	LS	-	-	(58)
Demolition	SF	77,176	23.84	(1,840)
SUBTOTAL				37,099
CONTINGENCY (5.0%)				<u>1,855</u>
ESTIMATED CONSTRUCTION COST				38,954
SUPERVISION & ADMINISTRATION (6.5%)				2,532
ENGINEERING DURING CONSTRUCTION (1%)				<u>390</u>
TOTAL PROJECT COST				41,876

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Renovate the existing elementary school and construct an expansion to the elementary school including kindergartens, general purpose classrooms, gymnasium, multipurpose room, cafeteria and kitchen, information center, computer labs, supply area, faculty work rooms, counseling areas, specialists' rooms, learning impaired rooms, storage, administrative and support offices. This project will include bus loading and unloading areas, child drop-off areas, parking for staff and visitors, mechanical rooms, delivery areas and recreation, kickball, and playground areas. Supporting facilities will include site development, signage, fencing, paving, exterior lighting, utilities, covered walkways and landscaping. Project will include demolition of Buildings 430, 431, 432, 433, 434, 435, 436, 437, and 459. Temporary classrooms facilities are required.

1. Component DoDEA	FY 2012 MILITARY CONSTRUCTION PROGRAM			2. Date February 2011
3. Installation and Location Spangdahlem AB, Germany			4. Project Title Replace Bitburg Elementary School	
5. Program Element	6. Category Code 730787	7. Project Number EU00033	8. Project Cost (\$000) 41,876	

10. DESCRIPTION OF PROPOSED CONSTRUCTION(continued):

Facilities will be designed in accordance with DoDEA Education Facilities Specifications, Americans with Disabilities Act (ADA) Accessibility Guidelines, National Fire Protection Association (NFPA) Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, and energy and water conservation standards. Sustainable design will be integrated into the design in accordance with Leadership in Energy and Environmental Design (LEED) Silver for Schools criteria.

11. REQUIREMENT:

PROJECT: Replace Bitburg Elementary School (ES) with renovation of the Spangdahlem facility and construction of a new elementary school addition.

REQUIREMENT: An expanded and renovated elementary school is required to provide adequate facilities for students in the Spangdahlem/Bitburg area. The elementary school will be constructed/renovated to accommodate students in Kindergarten through 5th grade.

CURRENT SITUATION: The Bitburg housing area will be closed. All housing and support facilities are being moved to Spangdahlem AB. The Bitburg ES is substandard. The projected student load will increase from approximately 500 to 877 for the Spangdahlem area upon closure and reassignment of personnel from Bitburg AB to Spangdahlem AB. The Bitburg ES facilities are undersized and inadequate. The poorly configured buildings further reduce efficiency and fail to meet the standards of the DoDEA Education Facilities Specifications. Aging utility infrastructure systems result in excessive maintenance costs. Most infrastructure has exceeded its useful life. There are numerous NFPA Life Safety and ADA code deficiencies and no fire suppression system. Bathrooms and plumbing are in severe need of renovation. In-door air quality is a growing concern due to moisture and mold. The facilities do not meet construction standards for force protection and 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.

IMPACT IF NOT PROVIDED: Bitburg AB is closing. The USAFE closure of Bitburg Air Base will be delayed if this new school is not constructed. On Bitburg, the continued use of unsafe, inadequate, and undersized facilities that do not accommodate the current student population will continue to impair the overall educational program for students. If new facilities are not provided, the substandard environment 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 school will continue to struggle performing their mission in a limited capacity due to the inadequate and undersized facilities.

ADDITIONAL: 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. Sustainable principles will be integrated 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. Consideration and evaluation will be given to the use of natural redirected daylight through use of window walls, clerestory windows and skylights, green roofs, rain water collection cisterns for flushing of toilets, waterless urinals, night time air flushing for cooling ventilation, earth ducted cooling, floor slab cooling, geothermal

1. Component DoDEA	FY 2012 MILITARY CONSTRUCTION PROGRAM		2. Date February 2011
3. Installation and Location Spangdahlem AB, Germany		4. Project Title Replace Bitburg Elementary School	
5. Program Element	6. Category Code 730787	7. Project Number EU00033	8. Project Cost (\$000) 41,876

11. REQUIREMENT (continued):

heating/cooling, displacement ventilation via integrated floor outlets and use of locally available co-generated heating. All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

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

POC is Mr. Mike Smiley, mike.smiley@hq.dodea.edu (703) 588-3509

1. Component DoDEA	FY 2012 MILITARY CONSTRUCTION PROGRAM		2. Date February 2011
3. Installation and Location Spangdahlem AB, Germany		4. Project Title Replace Bitburg Elementary School	
5. Program Element	6. Category Code 730787	7. Project Number EU00033	8. Project Cost (\$000) 41,876

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

1. Status:

(a) Date Design Started	Jan 2011
(b) Parametric Cost Estimate Used to Develop Costs	Yes
(c) Percent Complete as of January 1, 2011	0%
(d) Date 35 Percent Complete	Jul 2011
(e) Date Design Complete	Feb 2012
(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 Cost (c) = (a) + (b) or (d) + (e)

(a) Production of Plans and Specifications	
(b) All other Design Costs	
(c) Total	3,577
(d) Contract	2,821
(e) In-house	756

4. Contract Award Sep 2012
5. Construction Start Oct 2012
6. Construction Complete Aug 2014

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Furnishings/Equipment	O&M	2014	600
Kitchen Equipment (Military Service Funded)	O&M	2014	350
Active Network Hardware for Local Area Network and Voice over IP Phone Systems (Passive cable plant installation priced and included as part of construction)	O&M	2014	400

1. Component DoDEA		FY 2012 MILITARY CONSTRUCTION PROGRAM		2. Date February 2011	
3. Installation and Location Spangdahlem AB, Germany			4. Project Title Replace Bitburg Middle School and High School		
5. Program Element		6. Category Code 730787	7. Project Number EU00031		8. Project Cost (\$000) 87,167
9. Cost Estimates					
		U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY					61,831
Construction		SF	221,581	273.4	(60,580)
SDD and EPCAct05 (2%)		LS	-	-	(1,251)
SUPPORTING FACILITIES					15,393
Paving and Walks, Curbs and Gutters, Covered Walkways		LS	-	-	(2,114)
Site Preparation & Development		LS	-	-	(5,564)
Water, Sewer & Gas		LS	-	-	(1,024)
Storm Drainage		LS	-	-	(1,973)
Electrical Service		LS	-	-	(976)
Communication		LS	-	-	(1,364)
Antiterrorism/Force Protection (AT/FP)		LS	-	-	(932)
Steam Water Distribution		LS	-	-	(1,446)
SUBTOTAL					77,224
CONTINGENCY (5.0%)					<u>3,861</u>
ESTIMATED CONSTRUCTION COST					81,085
SUPERVISION & ADMINISTRATION (6.5%)					5,271
ENGINEERING DURING CONSTRUCTION (1%)					<u>811</u>
TOTAL PROJECT COST					87,167
10. DESCRIPTION OF PROPOSED CONSTRUCTION:					
<p>This project will construct a new middle school and a high school including general purpose classrooms, gymnasiums, multipurpose rooms, cafeteria and kitchen, information centers, computer labs, science labs, supply areas, faculty work rooms, counseling areas, specialists' rooms, learning impaired rooms, storage, administrative and support offices. This project will include bus loading and unloading areas, student drop-off areas, parking for staff and visitors, mechanical rooms, delivery areas and recreation areas, outdoor playgrounds, multipurpose soccer/football fields, athletic sports facilities, basketball courts and tennis courts. Temporary facilities may be required. Supporting facilities will include site development, signage, fencing, paving, exterior lighting, utilities, covered walkways and landscaping.</p>					

1. Component DoDEA	FY 2012 MILITARY CONSTRUCTION PROGRAM			2. Date February 2011
3. Installation and Location Spangdahlem AB, Germany			4. Project Title Replace Bitburg Middle School and High School	
5. Program Element	6. Category Code 730787	7. Project Number EU00031	8. Project Cost (\$000) 87,167	
<p>10. DESCRIPTION OF PROPOSED CONSTRUCTION(continued): Facilities will be designed in accordance with DoDEA Education Facilities Specifications, Americans with Disabilities Act (ADA) Accessibility Guidelines, National Fire Protection Association (NFPA) Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, and energy and water conservation standards. Sustainable design will be integrated into the design in accordance with Leadership in Energy and Environmental Design (LEED) Silver for Schools criteria.</p> <p>11. REQUIREMENT: <u>PROJECT:</u> Replace the existing Bitburg middle school and high school with construction of a middle school and high school at a new site on Spangdahlem AB. The middle school and the high school will be constructed immediately adjacent to each other. The construction of the two schools will be concurrent. <u>REQUIREMENT:</u> The new schools are required to provide adequate academic facilities for students in grades 6 through 12. <u>CURRENT SITUATION:</u> The Bitburg housing area will be closed. All housing and support facilities are being moved to Spangdahlem AB. Spangdahlem has no high school. The existing Spangdahlem MS site is too small for a consolidated MS. The installation has provided a new site large enough for both the MS and HS. The projected student load will be approximately 333 students for the Middle School, and 300 students for the High School. The existing MS facilities will be turned over to the installation for community use. On Bitburg the MS and HS facilities are in failing condition. Many of the buildings being replaced are 30 to 50 years old. Additionally, undersized classrooms, inadequate facilities, and poorly configured buildings further reduce efficiency and fail to meet the standards of the DoDEA Education Facilities Specifications. Aging infrastructure results in excessive maintenance costs. There are numerous NFPA Life Safety and ADA code deficiencies. Bathrooms and plumbing are in severe need of renovation. In-door air quality is a growing concern due to moisture and mold. The facilities do not meet construction standards for force protection and 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. <u>IMPACT IF NOT PROVIDED:</u> Bitburg AB is closing. The USAFE closure of Bitburg Air Base will be delayed if these new schools are not constructed. On Bitburg the continued use of inadequate and undersized facilities will continue to impair the overall educational program. If new facilities are not provided, the substandard environment will continue to hamper the educational process. The condition of the school is impacting the quality of education for the students. <u>ADDITIONAL:</u> 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. Sustainable principles will be integrated 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. Consideration and evaluation will be given to the use of natural redirected daylight through use of window walls, clerestory windows and skylights, green roofs, rain water collection cisterns for flushing of toilets, waterless urinals, solar heat collectors for hot water in locker rooms, night time air flushing for cooling ventilation, earth ducted cooling, floor slab cooling, geothermal heating/cooling, displacement ventilation via integrated floor outlets and use of locally available co-generated heating. 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. POC is Mr. Mike Smiley, mike.smiley@hq.dodea.edu (703) 588-3509</p>				

1. Component DoDEA	FY 2012 MILITARY CONSTRUCTION PROGRAM			2. Date February 2011
3. Installation and Location Spangdahlem AB, Germany			4. Project Title Replace Bitburg Middle School and High School	
5. Program Element	6. Category Code 730787	7. Project Number EU00031	8. Project Cost (\$000) 87,167	

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

1. Status:

(a) Date Design Started	Jan 2011
(b) Parametric Cost Estimate Used to Develop Costs	Yes
(c) Percent Complete as of January 1, 2011	0%
(d) Date 35 Percent Complete	Jul 2011
(e) Date Design Complete	Feb 2012
(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 Cost (c) = (a) + (b) or (d) + (e)

(a) Production of Plans and Specifications	
(b) All other Design Costs	
(c) Total	2,898
(d) Contract	2,286
(e) In-house	612

4. Contract Award

Sep 2012

5. Construction Start

Oct 2012

6. Construction Complete

Aug 2014

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Furnishings/Equipment	O&M	2014	600
Kitchen Equipment (Military Service Funded)	O&M	2014	450
Active Network Hardware for Local Area Network and Voice over IP Phone Systems (Passive cable plant installation priced and included as part of construction)	O&M	2014	800

1. COMPONENT DoDEA		FY 2012 MILITARY CONSTRUCTION PROGRAM					2. Date February 2011				
3. Installation and Location USAG Ansbach, Germany				4. COMMAND DoDEA			5. AREA CONSTRUCTION COST INDEX 1.14				
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED		TOTAL	
		OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED		CIVILIAN
a. AS OF 30 SEP 2010							374				374
b. END FY 2014							484				484
7. INVENTORY DATA (\$000)											
TOTAL ACREAGE 0											
INVENTORY TOTAL AS OF 0											
AUTHORIZATION NOT YET IN INVENTORY 0											
AUTHORIZATION REQUESTED IN THIS PROGRAM..... 11,672											
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM..... 0											
PLANNED IN NEXT THREE PROGRAM YEARS..... 0											
REMAINING DEFICIENCY..... 0											
GRAND TOTAL..... 11,672											
CATEGORY CODE 73046		PROJECT TITLE Ansbach Middle/High School Addition			SCOPE 28,329 SF		COST (\$000) 11,672		DESIGN START Jan 2011		STATUS COMPLETE Mar 2014
9. FUTURE PROJECTS											
a. INCLUDED IN FOLLOWING PROGRAM None											
b. PLANNED IN NEXT THREE YEARS Modernization of the existing facilities with O&M funds.											
10. MISSION OR MAJOR FUNCTIONS Military Dependent Education											
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: None											

1. Component DoDEA		FY 2012 MILITARY CONSTRUCTION PROGRAM			2. Date February 2011	
3. Installation and Location USAG Ansbach, Germany				4. Project Title Ansbach Middle/High School Addition		
5. Program Element		6. Category Code 73046	7. Project Number EU00053		8. Project Cost (\$000) 11,672	
9. Cost Estimates						
				U/M	QUANTITY	UNIT COST
						COST (\$000)
PRIMARY FACILITY						7,307
Construction				SF	28,329	(7,139)
SDD and EPOA05 (2%)				LS	-	(168)
SUPPORTING FACILITIES						3,034
Paving and Walks, Curbs and Gutters, Covered Walkways				LS	-	(419)
Site Preparation & Development				LS	-	(253)
Water, Sewer & Gas				LS	-	(589)
Storm Drainage				LS	-	(253)
Electrical Service				LS	-	(424)
Communication				LS	-	(253)
Antiterrorism/Force Protection (AT/FP)				LS	-	(843)
SUBTOTAL						10,341
CONTINGENCY (5.0%)						<u>517</u>
ESTIMATED CONSTRUCTION COST						10,858
SUPERVISION & ADMINISTRATION (6.5%)						705
ENGINEERING DURING CONSTRUCTION (1%)						<u>109</u>
TOTAL PROJECT COST						11,672
10. DESCRIPTION OF PROPOSED CONSTRUCTION:						
<p>This project will construct a gymnasium with spectator seating, student locker rooms, coach's offices, weight room, laundry area, storage areas and general purpose classrooms. Project includes related infrastructure such as mechanical rooms and delivery areas. Site improvements include signage, fencing, paving, landscaping, covered walkways, exterior lighting and utilities. Phased building demolition will be required to accommodate new construction without interrupting school operations. Temporary facilities may be required. Facilities will be designed in accordance with DoDEA Education Facilities Specifications, Americans with Disabilities Act (ADA) Accessibility Guidelines, National Fire Protection Association (NFPA) Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, and energy and water conservation standards. Sustainable design will be integrated into the design in accordance with Leadership in Energy and Environmental Design (LEED) Silver for Schools criteria.</p>						

1. Component DoDEA	FY 2012 MILITARY CONSTRUCTION PROGRAM			2. Date February 2011
3. Installation and Location USAG Ansbach, Germany			4. Project Title Ansbach Middle/High School Addition	
5. Program Element	6. Category Code 73046	7. Project Number EU00053	8. Project Cost (\$000) 11,672	

11. REQUIREMENT:

PROJECT: This project will construct an addition to the existing middle/high school.

REQUIREMENT: The addition is required to provide adequate facilities for students in grades 7 through 12.

CURRENT SITUATION: Ansbach Middle/High School does not have sufficient classrooms for the projected enrollment of 484. At peak enrollment the existing classrooms will be insufficient and/or be overcrowded. In addition, the existing gymnasium is undersized and inadequate to meet the school's physical education and sports curriculum and cannot accommodate spectator seating. Due to structural conditions, the existing gymnasium cannot be expanded. Presently, the students must coordinate and schedule their athletic activities with the local Army community, which is located on the other side of an active airfield. Undersized classrooms and inadequate facilities in conjunction with poorly configured buildings further reduce efficiency and fail to meet the standards of the DoDEA Education Facilities Specifications.

IMPACT IF NOT PROVIDED: The use of inadequate and undersized facilities that do not accommodate the student population will impair the overall educational program for students. Overcrowded classrooms will exist.

ADDITIONAL: 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. Sustainable principles will be integrated 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. Consideration and evaluation will be given to the use of natural redirected daylight through use of window walls, clerestory windows and skylights, green roofs, rain water collection cisterns for flushing of toilets, waterless urinals, solar heat collectors for hot water in locker rooms, night time air flushing for cooling ventilation, earth ducted cooling, floor slab cooling, geothermal heating/cooling, displacement ventilation via integrated floor outlets and use of locally available co-generated heating. All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

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

POC is Mr. Mike Smiley, mike.smiley@hq.dodea.edu (703) 588-3509

1. Component DoDEA	FY 2012 MILITARY CONSTRUCTION PROGRAM			2. Date February 2011
3. Installation and Location USAG Ansbach, Germany			4. Project Title Ansbach Middle/High School Addition	
5. Program Element	6. Category Code 73046	7. Project Number EU00053	8. Project Cost (\$000) 11,672	

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

1. Status:

(a) Date Design Started	Jan 2011
(b) Parametric Cost Estimate Used to Develop Costs	No
(c) Percent Complete as of January 1, 2011	0%
(d) Date 35 Percent Complete	Jun 2011
(e) Date Design Complete	May 2012
(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 Cost (c) = (a) + (b) or (d) + (e)

(a) Production of Plans and Specifications	
(b) All other Design Costs	
(c) Total	936
(d) Contract	738
(e) In-house	198
4. Contract Award	Sep 2012
5. Construction Start	Oct 2012
6. Construction Complete	Mar 2014

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Furnishings/Equipment	O&M	2013	75
Active Network Hardware for Local Area Network and Voice over IP Phone Systems (Passive cable plant installation priced and included as part of construction)	O&M	2013	100

1. COMPONENT DoDEA		FY 2012 MILITARY CONSTRUCTION PROGRAM					2. Date February 2011				
3. Installation and Location USAG Baumholder, Germany				4. COMMAND DoDEA			5. AREA CONSTRUCTION COST INDEX 1.14				
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			TOTAL
		OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 SEP 2010							771				771
b. END FY 2014							771				771
7. INVENTORY DATA (\$000)											
TOTAL ACREAGE										0	
INVENTORY TOTAL AS OF										0	
AUTHORIZATION NOT YET IN INVENTORY.....										0	
AUTHORIZATION REQUESTED IN THIS PROGRAM.....										59,419	
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....										0	
PLANNED IN NEXT THREE PROGRAM YEARS.....										0	
REMAINING DEFICIENCY.....										0	
GRAND TOTAL.....										59,419	
CATEGORY CODE 73046		PROJECT TITLE Replace Wetzel and Smith Elementary Schools			SCOPE 158,247 SF		COST (\$000) 59,419		DESIGN START Jan 2011		STATUS COMPLETE Aug 2014
9. FUTURE PROJECTS											
a. INCLUDED IN FOLLOWING PROGRAM None											
b. PLANNED IN NEXT THREE YEARS None											
10. MISSION OR MAJOR FUNCTIONS Military Dependent Education											
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: None											

1. Component DoDEA		FY 2012 MILITARY CONSTRUCTION PROGRAM		2. Date February 2011	
3. Installation and Location USAG Baumholder, Germany			4. Project Title Replace Wetzel and Smith Elementary Schools		
5. Program Element		6. Category Code 73046	7. Project Number EU00035		8. Project Cost (\$000) 59,419
9. Cost Estimates					
		U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY					37,554
Construction		SF	158,247	232.5	(36,792)
SDD and EAct05 (2%)		LS	-	-	(762)
SUPPORTING FACILITIES					15,087
Paving and Walks, Curbs and Gutters		LS	-	-	(2,101)
Site Preparation & Development		LS	-	-	(1,465)
Water, Sewer & Gas		LS	-	-	(2,941)
Storm Drainage		LS	-	-	(1,262)
Electrical Service		LS	-	-	(2,311)
Communication		LS	-	-	(1,046)
Antiterrorism/Force Protection (AT/FP)		LS	-	-	(2,730)
Demolition		LS	-	-	(1,231)
SUBTOTAL					54,641
CONTINGENCY (5.0%)					<u>2,632</u>
ESTIMATED CONSTRUCTION COST					55,273
SUPERVISION & ADMINISTRATION (6.5%)					3,593
ENGINEERING DURING CONSTRUCTION (1%)					<u>553</u>
TOTAL PROJECT COST					59,419
10. DESCRIPTION OF PROPOSED CONSTRUCTION:					
<p>This project will combine two existing elementary schools, Wetzel Elementary and Smith Elementary, into one school located in the Wetzel housing area. The project will include kindergarten classrooms, general purpose classrooms, gymnasium, multipurpose room, cafeteria and kitchen, information centers, computer lab, supply area, faculty work rooms, counseling areas, specialists' rooms, learning impaired rooms, storage and administrative offices. Project includes related infrastructure such as parking areas, mechanical rooms, delivery areas, and playgrounds. Site improvements include signage, fencing, paving, landscaping, covered walkways, exterior lighting and utilities. Temporary facilities may be required. Demolish Buildings 8880, 8882, and 8885. Facilities will be designed in accordance with DoDEA Education Facilities Specifications, Americans with Disabilities Act (ADA) Accessibility Guidelines, National Fire Protection Association (NFPA) Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, and energy and water conservation standards. Sustainable design will be integrated into the design in accordance with Leadership in Energy and Environmental Design (LEED) Silver for Schools criteria.</p>					

1. Component DoDEA	FY 2012 MILITARY CONSTRUCTION PROGRAM			2. Date February 2011
3. Installation and Location USAG Baumholder, Germany			4. Project Title Replace Wetzel and Smith Elementary Schools	
5. Program Element	6. Category Code 73046	7. Project Number EU00035	8. Project Cost (\$000) 59,419	

11. REQUIREMENT:

PROJECT: This project will replace the existing Wetzel and Smith Elementary Schools with one elementary school.

REQUIREMENT: The new school is required to provide adequate academic facilities for students in grades Pre-K through 5.

CURRENT SITUATION: The existing facilities are rated in a failing condition. The two schools to be combined, Wetzel and Smith are in two separate housing areas, with Smith in a land-locked site with no room for expansion. Additionally, undersized classrooms, inadequate facilities, and poorly configured buildings further reduce efficiency and fail to meet the standards of the DoDEA Education Facilities Specifications. Aging infrastructure results in excessive maintenance costs. Most infrastructure has exceeded its useful life. There are numerous NFPA Life Safety and ADA code deficiencies and no fire suppression systems. Toilets and plumbing are in severe need of renovation. In-door air quality is a growing concern due to moisture and mold. The facilities do not meet construction standards for AT/FP and energy efficiency. Numerous maintenance and repair problems have developed and are becoming non-repairable.

IMPACT IF NOT PROVIDED: The use of inadequate and undersized facilities will continue to impair the overall educational program. Yearly maintenance and utility costs will continue to rise. School infrastructure/systems will begin to fail.

ADDITIONAL: 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. Sustainable principles will be integrated 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. Consideration and evaluation will be given to the use of natural redirected daylight through use of window walls, clerestory windows and skylights, green roofs, rain water collection cisterns for flushing of toilets, waterless urinals, solar heat collectors for hot water in locker rooms, night time air flushing for cooling ventilation, earth ducted cooling, floor slab cooling, geothermal heating/cooling, displacement ventilation via integrated floor outlets and use of locally available co-generated heating. All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

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

POC is Mr. Mike Smiley, mike.smiley@hq.dodea.edu (703) 588-3509

1. Component DoDEA	FY 2012 MILITARY CONSTRUCTION PROGRAM			2. Date February 2011
3. Installation and Location USAG Baumholder, Germany			4. Project Title Replace Wetzel and Smith Elementary Schools	
5. Program Element	6. Category Code 73046	7. Project Number EU00035	8. Project Cost (\$000) 59,419	

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

1. Status:

- | | |
|--|------------------|
| (a) Date Design Started | Jan 2011 |
| (b) Parametric Cost Estimate Used to Develop Costs | Yes |
| (c) Percent Complete as of January 1, 2011 | 0% |
| (d) Date 35 Percent Complete | Jul 2011 |
| (e) Date Design Complete | Feb 2012 |
| (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 Cost (c) = (a) + (b) or (d) + (e)

- | | |
|--|----------|
| (a) Production of Plans and Specifications | |
| (b) All other Design Costs | |
| (c) Total | 4,512 |
| (d) Contract | 3,559 |
| (e) In-house | 953 |
| 4. Contract Award | Sep 2012 |
| 5. Construction Start | Oct 2012 |
| 6. Construction Complete | Aug 2014 |

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Furnishings/Equipment	O&M	2014	300
Kitchen Equipment (Military Service Funded)	O&M	2014	350
Active Network Hardware for Local Area Network and Voice over IP Phone Systems (Passive cable plant installation priced and included as part of construction)	O&M	2014	400

1. COMPONENT DoDEA	FY 2012 MILITARY CONSTRUCTION PROGRAM						2. Date February 2011			
3. Installation and Location USAG Grafenwoehr, Germany				4. COMMAND DoDEA		5. AREA CONSTRUCTION COST INDEX 1.09				
6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 SEP 2010						544				544
b. END FY 2013						675				675
7. INVENTORY DATA (\$000)										
TOTAL ACREAGE							0			
INVENTORY TOTAL AS OF							0			
AUTHORIZATION NOT YET IN INVENTORY.....							0			
AUTHORIZATION REQUESTED IN THIS PROGRAM.....							6,529			
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....							0			
PLANNED IN NEXT THREE PROGRAM YEARS.....							0			
REMAINING DEFICIENCY.....							0			
GRAND TOTAL.....							6,529			
CATEGORY CODE 73046	PROJECT TITLE Netzaberg Middle School Addition			SCOPE 16,522 SF	COST (\$000) 6,529	DESIGN START Jan 2011	STATUS COMPLETE May 2013			
9. FUTURE PROJECTS										
a. INCLUDED IN FOLLOWING PROGRAM None										
b. PLANNED IN NEXT THREE YEARS None										
10. MISSION OR MAJOR FUNCTIONS Military Dependent Education										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: None										

1. Component DoDEA		FY 2012 MILITARY CONSTRUCTION PROGRAM		2. Date February 2011	
3. Installation and Location USAG Grafenwoehr, Germany			4. Project Title Netzaberg Middle School Addition		
5. Program Element		6. Category Code 73046	7. Project Number EU00062		8. Project Cost (\$000) 6,529
9. Cost Estimates					
					U/M
					QUANTITY
					UNIT COST
					COST (\$000)
PRIMARY FACILITY					5,505
Construction					(5,394)
SDD and EPAAct05 (2%)					(111)
SUPPORTING FACILITIES					279
Paving and Walks, Curbs and Gutters, Covered Walkways					(5)
Site Preparation & Development					(35)
Water, Sewer & Gas					(45)
Storm Drainage					(15)
Electrical Service					(31)
Communication					(30)
Antiterrorism/Force Protection (AT/FP)					(118)
SUBTOTAL					5,784
CONTINGENCY (5.0%)					<u>289</u>
ESTIMATED CONSTRUCTION COST					6,073
SUPERVISION & ADMINISTRATION OCONUS (6.5%)					395
ENGINEERING DURING CONSTRUCTION (1%)					<u>61</u>
TOTAL PROJECT COST					6,529
10. DESCRIPTION OF PROPOSED CONSTRUCTION:					
<p>This project will construct an addition consisting of six Science Classrooms and a Band/Music Room, toilets, stairs, and connecting corridors to the existing middle school. Project includes related infrastructure such as mechanical rooms. Site improvements include signage, paving, landscaping, covered walkways, exterior lighting and utilities. Temporary facilities may be required.</p>					

1. Component DoDEA	FY 2012 MILITARY CONSTRUCTION PROGRAM			2. Date February 2011
3. Installation and Location USAG Grafenwoehr, Germany			4. Project Title Netzaberg Middle School Addition	
5. Program Element	6. Category Code 73046	7. Project Number EU00062	8. Project Cost (\$000) 6,529	

10. DESCRIPTION OF PROPOSED CONSTRUCTION(continued):

Facilities will be designed in accordance with DoDEA Education Facilities Specifications, Americans with Disabilities Act (ADA) Accessibility Guidelines, National Fire Protection Association (NFPA) Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, and energy and water conservation standards. Sustainable design will be integrated into the design in accordance with Leadership in Energy and Environmental Design (LEED) Silver for Schools criteria.

11. REQUIREMENT:

PROJECT: This project is to construct an addition to the existing Middle School.

REQUIREMENT: This addition/renovation is required to provide adequate space for educational activities to support students in grades 6 through 8.

CURRENT SITUATION: School is undersized for the current population and projected student loads. The Middle School (MS) currently is borrowing two classrooms from the adjacent Elementary School. The student enrollment of the MS is projected to increase by 131 students for SY2012/2013 due to ongoing transformation actions by the Army. The school has an inadequate number of science labs required for the current student enrollment and an inadequate music room.

IMPACT IF NOT PROVIDED: The school may have to consider lease and use of temporary modular classrooms at an additional annual cost for maintenance and purchase/lease. The students, dependents of often deployed service members, will continue to use inadequate and insufficient facilities. Currently, there is insufficient space, equipment, and functional layout to support their current curriculum requirements.

ADDITIONAL INFO: 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. Sustainable principles will be integrated 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. Consideration and evaluation will be given to the use of natural redirected daylight through use of window walls, clerestory windows and skylights, green roofs, rain water collection cisterns for flushing of toilets, waterless urinals, solar heat collectors for hot water in locker rooms, night time air flushing for cooling ventilation, earth ducted cooling, floor slab cooling, geothermal heating/cooling, displacement ventilation via integrated floor outlets and use of locally available co-generated heating. All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

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

POC is Mr. Mike Smiley, mike.smiley@hq.dodea.edu (703) 588-3509

1. Component DoDEA	FY 2012 MILITARY CONSTRUCTION PROGRAM		2. Date February 2011
3. Installation and Location USAG Grafenwoehr, Germany		4. Project Title Netzaberg Middle School Addition	
5. Program Element	6. Category Code 73046	7. Project Number EU00062	8. Project Cost (\$000) 6,529

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

1. Status:

(a) Date Design Started	Jan 2011
(b) Parametric Cost Estimate Used to Develop Costs	Yes
(c) Percent Complete as of January 1, 2011	0%
(d) Date 35 Percent Complete	Jun 2011
(e) Date Design Complete	Mar 2012
(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 Cost (c) = (a) + (b) or (d) + (e)

(a) Production of Plans and Specifications	
(b) All other Design Costs	
(c) Total	505
(d) Contract	398
(e) In-house	107

4. Contract Award May 2012
5. Construction Start Jun 2012
6. Construction Complete May 2013

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Furnishings/Equipment	O&M	2014	50
Active Network Hardware for Local Area Network and Voice over IP Phone Systems (Passive cable plant installation priced and included as part of construction)	O&M	2014	75

1. COMPONENT DoDEA		FY 2012 MILITARY CONSTRUCTION PROGRAM					2. Date February 2011				
3. Installation and Location USAG Vicenza, Italy					4. COMMAND DoDEA			5. AREA CONSTRUCTION COST INDEX 1.41			
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN		
a. AS OF 30 SEP 2010						367				367	
b. END FY 2014						367				367	
7. INVENTORY DATA (\$000)											
TOTAL ACREAGE										0	
INVENTORY TOTAL AS OF										0	
AUTHORIZATION NOT YET IN INVENTORY.....										0	
AUTHORIZATION REQUESTED IN THIS PROGRAM.....										41,864	
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....										0	
PLANNED IN NEXT THREE PROGRAM YEARS.....										0	
REMAINING DEFICIENCY.....										0	
GRAND TOTAL.....										41,864	
CATEGORY CODE 73046		PROJECT TITLE Replace Vicenza High School			SCOPE 117,788 SF		COST (\$000) 41,864	DESIGN START Jan 2011	STATUS COMPLETE Aug 2014		
9. FUTURE PROJECTS											
a. INCLUDED IN FOLLOWING PROGRAM None											
b. PLANNED IN NEXT THREE YEARS None											
10. MISSION OR MAJOR FUNCTIONS Military Dependent Education											
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: None											

1. Component DoDEA		FY 2012 MILITARY CONSTRUCTION PROGRAM		2. Date February 2011	
3. Installation and Location USAG Vicenza, Italy			4. Project Title Replace Vicenza High School		
5. Program Element		6. Category Code 73046	7. Project Number EU00054		8. Project Cost (\$000) 41,864
9. Cost Estimates					
		U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY					30,121
Construction		SF	117,788	250.70	(29,529)
SDD and EPCAct05 (2%)		LS	-	-	(592)
SUPPORTING FACILITIES					6,968
Paving and Walks, Curbs and Gutters		LS	-	-	(956)
Site Preparation & Development		LS	-	-	(963)
Water, Sewer & Gas		LS	-	-	(153)
Storm Drainage		LS	-	-	(555)
Electrical Service		LS	-	-	(438)
Communication		LS	-	-	(1,223)
Antiterrorism/Force Protection (AT/FP)		LS	-	-	(81)
Steam Distribution		LS	-	-	(2,599)
SUBTOTAL					37,089
CONTINGENCY (5.0%)					<u>1,855</u>
ESTIMATED CONSTRUCTION COST					38,944
SUPERVISION & ADMINISTRATION (6.5%)					2,531
POST CONTRACT AWARD SERVICES (1%)					<u>389</u>
TOTAL PROJECT COST					41,864
10. DESCRIPTION OF PROPOSED CONSTRUCTION:					
<p>Construct a new high school including general purpose classrooms, gymnasium, multipurpose room, cafeteria and kitchen, information center, computer labs, science labs, Junior Reserve Officers' Training Corps (JROTC), supply areas, faculty work rooms, counseling areas, specialists' rooms, learning impaired rooms, storage, administrative and support offices. This project will include bus loading and unloading areas, student drop-off area, parking for staff and visitors, mechanical rooms, delivery areas and recreation, soccer/football and athletic sports facilities, and basketball and tennis courts. Temporary facilities may be required. Supporting facilities will include site development, signage, fencing, paving, exterior lighting, utilities, covered walkways and landscaping. Facilities will be designed in accordance with DoDEA Education Facilities Specifications, Americans with Disabilities Act (ADA) Accessibility Guidelines, National Fire Protection Association (NFPA) Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, and energy and water conservation standards. Sustainable design will be integrated into the design in accordance with Leadership in Energy and Environmental Design (LEED) Silver for Schools criteria.</p>					

1. Component DoDEA	FY 2012 MILITARY CONSTRUCTION PROGRAM			2. Date February 2011
3. Installation and Location USAG Vicenza, Italy			4. Project Title Replace Vicenza High School	
5. Program Element	6. Category Code 73046	7. Project Number EU00054	8. Project Cost (\$000) 41,864	

11. REQUIREMENT:

PROJECT: Replace the existing high school with construction of a high school at a new site in Villaggio Housing in Vicenza. Additionally, the high school will be constructed adjacent to, and will be physically connected to the recently completed middle school.

REQUIREMENT: A new high school is required to provide adequate facilities to accommodate the educational needs for students in the USAG Vicenza area in grades 9 through 12.

CURRENT SITUATION: The existing school, constructed in 1958, has serious NFPA, AT/FP, ADA, fire suppression and seismic deficiencies. This facility is in failing condition. Fourteen of the eighteen evaluated building systems require immediate replacement. Aging utility infrastructure systems result in excessive maintenance costs. Most infrastructure has exceeded its useful life. Existing classrooms, common areas and cafeteria are inadequate and undersized, failing to meet the standards of the DoDEA Education Facilities Specifications. The existing permanent facility has over 35% of its area within the AT/FP installation perimeter standoff distance and is located adjacent to a major host nation highway. This highway has occasionally been the site of host nation protests regarding US military issues. In-door air quality is a growing concern due to moisture and mold. The facilities do not meet standards for energy efficiency. Numerous maintenance and repair problems have developed and are becoming non-repairable.

IMPACT IF NOT PROVIDED: The continued use of inadequate and undersized facilities will continue to impair the overall educational program for students. The substandard environment will continue to hamper the educational process. Yearly maintenance and utility costs will continue to increase and the school will continue to struggle performing their mission in a limited capacity due to the inadequate and undersized facilities. The lack of adequate setback from the installation perimeter and a major Host Nation Highway will continue to be a serious AT/FP concern.

ADDITIONAL: 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. Sustainable principles will be integrated 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. Consideration and evaluation will be given to the use of natural redirected daylight through use of window walls, clerestory windows and skylights, green roofs, rain water collection cisterns for flushing of toilets, waterless urinals, solar heat collectors for hot water in locker rooms, night time air flushing for cooling ventilation, earth ducted cooling, floor slab cooling, geothermal heating/cooling, displacement ventilation via integrated floor outlets and use of locally available co-generated heating. All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

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

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1. Component DoDEA	FY 2012 MILITARY CONSTRUCTION PROGRAM			2. Date February 2011
3. Installation and Location USAG Vicenza, Italy			4. Project Title Replace Vicenza High School	
5. Program Element	6. Category Code 73046	7. Project Number EU00054	8. Project Cost (\$000) 41,864	

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

1. Status:

(a) Date Design Started	Jan 2011
(b) Parametric Cost Estimate Used to Develop Costs	Yes
(c) Percent Complete as of January 1, 2011	0%
(d) Date 35 Percent Complete	Jul 2011
(e) Date Design Complete	Feb 2012
(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 Cost (c) = (a) + (b) or (d) + (e)

(a) Production of Plans and Specifications	
(b) All other Design Costs	
(c) Total	3,327
(d) Contract	2,662
(e) In-house	665
4. Contract Award	Sep 2012
5. Construction Start	Oct 2012
6. Construction Complete	Aug 2014

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Furnishings/Equipment	O&M	2014	300
Kitchen Equipment (Military Service Funded)	O&M	2014	350
Active Network Hardware for Local Area Network and Voice over IP Phone Systems (Passive cable plant installation priced and included as part of construction)	O&M	2014	400

1. COMPONENT DoDEA		FY 2012 MILITARY CONSTRUCTION PROGRAM					2. Date February 2011				
3. Installation and Location Yokota Air Base, Japan				4. COMMAND DoDEA		5. AREA CONSTRUCTION COST INDEX 1.59					
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED			TOTAL
		OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 SEP 2010							885				885
b. END FY 2014							885				885
7. INVENTORY DATA (\$000)											
TOTAL ACREAGE										0	
INVENTORY TOTAL AS OF										0	
AUTHORIZATION NOT YET IN INVENTORY.....										0	
AUTHORIZATION REQUESTED IN THIS PROGRAM.....										61,842	
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....										0	
PLANNED IN NEXT THREE PROGRAM YEARS.....										0	
REMAINING DEFICIENCY.....										0	
GRAND TOTAL.....										61,842	
CATEGORY CODE 730787		PROJECT TITLE Replace Temporary Classroom Building, Joan K. Mendel Elementary School			SCOPE 15,436 SF		COST (\$000) 12,236		DESIGN START Nov 2010		STATUS COMPLETE Jun 2014
730787		Replace Yokota High School			93,496 SF		49,606		Nov 2010		May 2014
9. FUTURE PROJECTS											
a. INCLUDED IN FOLLOWING PROGRAM None											
b. PLANNED IN NEXT THREE YEARS Modernization of existing facilities using O&M funds.											
10. MISSION OR MAJOR FUNCTIONS Military Dependent Education											
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: None											

1. Component DoDEA		FY 2012 MILITARY CONSTRUCTION PROGRAM			2. Date February 2011	
3. Installation and Location Yokota Air Base, Japan			4. Project Title Replace Temporary Classroom Building, Joan K. Mendel Elementary School			
5. Program Element		6. Category Code 730787	7. Project Number PA00019		8. Project Cost (\$000) 12,236	
9. Cost Estimates						
		U/M	QUANTITY	UNIT COST	COST (\$000)	
PRIMARY FACILITY						
Construction		SF	15,436	349.83	5,830 (5,400)	
Sustainable Design Initiative		LS	-	-	(430)	
SUPPORTING FACILITIES					5,112	
Paving & Site Improvements		LS	-	-	(1,570)	
Covered Walkways		LS	-	-	(733)	
Environmental Mitigation		LS	-	-	(350)	
Demolition & Site Preparation		LS	11,065	10.75	(119)	
Special Foundation Features		LS	-	-	(600)	
Mechanical Utilities		LS	-	-	(450)	
Electrical Utilities		LS	-	-	(230)	
Communication		LS	-	-	(710)	
Anti-Terrorism/Force Protection (AT/FP)		LS	-	-	(350)	
SUBTOTAL					10,942	
CONTINGENCY (5.0%)					547	
ESTIMATED CONSTRUCTION COST					11,489	
SUPERVISION & ADMINISTRATION (6.5%)					747	
TOTAL PROJECT COST					12,236	
10. DESCRIPTION OF PROPOSED CONSTRUCTION:						
<p>Construct a new one story classroom building to serve students in grades Pre-School (Sure Start), Pre-School Disabilities (PSCD), and Kindergarten, consisting of six (6) Kindergarten classrooms with shared toilets, kitchens, two (2) Pre-School classrooms with shared toilet, kitchen and patios, and one PSCD classroom with office, toilet, laundry, storage rooms and patios. In accordance with DoDEA Education Facilities Specifications, project shall include utilities, landscaping, exterior lighting, fencing, new playground equipment and covered walkways between drop-off areas and all school facilities. Existing classroom building T-4355 will be demolished and site prepared to receive the new playground equipment displaced by the new classroom.</p>						

1. Component DoDEA	FY 2012 MILITARY CONSTRUCTION PROGRAM			2. Date February 2011
3. Installation and Location Yokota Air Base, Japan			4. Project Title Replace Temporary Classroom Building, Joan K. Mendel Elementary School	
5. Program Element	6. Category Code 730787	7. Project Number PA00019	8. Project Cost (\$000) 12,236	
<p>10. DESCRIPTION OF PROPOSED CONSTRUCTION (continued):</p> <p>The new building must meet all U.S. life safety, force protection, energy conservation standards and be completely accessible. Cabinets, counters, classroom sinks, storage closets, tack boards, whiteboards, coat racks/cubby units, heating and air conditioning, closed circuit TV system, cable TV system, intercom/public address system, clock-bell system, telephone system, and a local area network system will be part of the project. The cost of the Sustainable Design and Development (SDD) initiatives is projected at 8% of the hard construction cost. The single largest component of the SDD cost is the photovoltaic system, which is just over 0.4% of hard construction cost. The balance of the SDD cost is for the various items identified on the Leadership in Energy and Environmental Design (LEED) Scorecard, which includes the high-performance classroom criteria such as day-lighting, views, thermal comfort and indoor air quality.</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. Sustainable design will be integrated into the design in accordance with Leadership in Energy and Environmental Design (LEED) for Schools Silver criteria.</p> <p>11. REQUIREMENT:</p> <p><u>PROJECT:</u> This project will replace the temporary classroom building with a new permanent one to accommodate Kindergarten and preschool age students with special needs in the Sure Start and PreSchool Children with Disabilities (PSCD) programs. The Project will construct new playgrounds and covered walkways to connect the new addition to surrounding buildings.</p> <p><u>REQUIREMENT:</u> The new classroom building is required to provide adequate academic facilities for students in grades Pre-K and Kindergarten.</p> <p><u>CURRENT SITUATION:</u> Joan K. Mendel Elementary School serves the majority of grade K-5 students living at Yokota Air Base and the surrounding areas. The enrollment at this school is projected to remain fairly constant in the foreseeable future. The school is currently sized appropriately for the current grade K-5 enrollment of 505 students, but the Kindergarten, Sure Start and PSCD classrooms are dispersed by two separate buildings (4307 and T-4355). Bldg 4307 does not conform to current DoDEA Ed Specs for Pre-school facilities and lack kitchens and separate toilet rooms for boys and girls. Bldg. 4355 is a metal temporary building built in 2003 to alleviate the overcrowding which resulted from the implementation of the Full Day Kindergarten (FDKG) program for DoDEA. The overcrowding trouble was exacerbated by the grade 1-3 Reduced Pupil to Teacher Ratio (RPTR) and DoDEA Technology Programs which were implemented in DoDEA schools. The temp building must be replaced by a permanent facility in accordance with DoD criteria. This project will provide adequate educational facilities to meet current Department of Defense Education Activity (DoDEA) criteria for 500 elementary school students in Grades K-5 and for 60 Preschool aged students with special education needs assigned to Yokota Air Base.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the temporary building at Mendel ES will continue to be used despite the DoDEA initiative to replace all temporary buildings. Bldg. 4307 will continue to be used for preschool students with special needs.</p> <p><u>ADDITIONAL:</u> This project will be coordinated with the installation physical security plan and all required AT/FP measures will be included. The need for temporary classroom facilities is a possibility if the construction schedule is delayed as a result of unforeseen circumstances. Sustainable principles will be integrated into the design, development and construction of the project in accordance with Executive Order 13123 and other applicable laws and executive</p>				

1. Component DoDEA	FY 2012 MILITARY CONSTRUCTION PROGRAM			2. Date February 2011
3. Installation and Location Yokota Air Base, Japan			4. Project Title Replace Temporary Classroom Building, Joan K. Mendel Elementary School	
5. Program Element	6. Category Code 730787	7. Project Number PA00019	8. Project Cost (\$000) 12,236	

orders. Energy conservation and environmentally safe measures will be incorporated in this project wherever

11. REQUIREMENT (continued):

feasible, practical or required by regulation. A preliminary analysis of reasonable options for satisfying this requirement indicates that only one option will meet mission needs. Therefore, a complete economic analysis was not performed. A certificate of exemption has been prepared.

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.

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

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

POC is Mr. Mike Smiley, mike.smiley@hq.dodea.edu (703) 588-3509

1. Component DoDEA	FY 2012 MILITARY CONSTRUCTION PROGRAM			2. Date February 2011
3. Installation and Location Yokota Air Base, Japan			4. Project Title Replace Temporary Classroom Building, Joan K. Mendel Elementary School	
5. Program Element	6. Category Code 730787	7. Project Number PA00019	8. Project Cost (\$000) 12,236	

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

1. Status:

(a) Date Design Started	Nov 2010
(b) Parametric Cost Estimate Used to Develop Costs	Yes
(c) Percent Complete as of January 1, 2011	5%
(d) Date 35 Percent Complete	Mar 2011
(e) Date Design Complete	Dec 2011
(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 Cost (c) = (a) + (b) or (d) + (e)

(a) Production of Plans and Specifications	2,200
(b) All other Design Costs	1,400
(c) Total	3,600
(d) Contract	
(e) In-house	

4. Contract Award

Mar 2012

5. Construction Start

May 2012

6. Construction Complete

Jun 2014

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Furnishings/Equipment	O&M	2014	250
Active Network Hardware for Local Area Network and Voice over IP Phone Systems (Passive cable plant installation priced and included as part of construction)	O&M	2014	150

1. Component DoDEA	FY 2012 MILITARY CONSTRUCTION PROGRAM		2. Date February 2011
3. Installation and Location Yokota Air Base, Japan		4. Project Title Replace Yokota High School	
5. Program Element	6. Category Code 730787	7. Project Number PA00027	8. Project Cost (\$000) 49,606

9. Cost Estimates

	U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY				36,870
Construction	SF	93,496	366	(34,220)
Sustainable Design Initiative	LS	-	-	(2,650)
SUPPORTING FACILITIES				7,490
Paving & Walks	LS	-	-	(1,246)
Site Preparation	LS	-	-	(1,410)
Environmental Mitigation	SF	-	-	(230)
Demolition	SF	98,236	10.75	(1,056)
Special Foundation Features	LS	-	-	(617)
Mechanical Utilities	LS	-	-	(1,160)
Electrical Utilities	LS	-	-	(1,520)
Anti-Terrorism/Force Protection (AT/FP)				(251)
SUBTOTAL				44,360
CONTINGENCY (5.0%)				<u>2,218</u>
ESTIMATED CONSTRUCTION COST				46,578
SUPERVISION & ADMINISTRATION (6.5%)				<u>3,028</u>
TOTAL PROJECT COST				49,606

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Construct a new structural steel and reinforced concrete, consolidated 325 student capacity high school containing a single story gymnasium/multipurpose cafeteria/food service/music facility and a three (3) story classroom wing over the existing soccer field at Yokota High School. Classroom wing includes general purpose classrooms, art, science, computer labs, information center, media, special education, teacher's workroom, administration offices and Junior Reserve Officer Training Corps (JROTC) facilities. The gymnasium shall include auxiliary gym, telescoping bleachers and a foldable partition. Cafeteria shall include serving lines, a food service area with built-in cafeteria equipment and a stage. The new building must meet all U.S. life safety, force protection, energy conservation standards and be completely accessible. Cabinets, counters, classroom sinks, storage closets, tack boards, whiteboards, coat racks/cubby units, heating and air conditioning, ventilation, plumbing, closed circuit TV system, cable TV system, intercom/public address system, clock-bell system, telephone system, and a local area network system will be part of the project.

1. Component DoDEA	FY 2012 MILITARY CONSTRUCTION PROGRAM			2. Date February 2011
3. Installation and Location Yokota Air Base, Japan			4. Project Title Replace Yokota High School	
5. Program Element	6. Category Code 730787	7. Project Number PA00027	8. Project Cost (\$000) 49,606	

10. DESCRIPTION OF PROPOSED CONSTRUCTION (continued):

Exterior site improvements will include utilities, new service roads, parking lots, landscaping, site fixtures, electronic marquee, sidewalks and covered walkways to connect main buildings and protect students from the elements. Existing buildings 4117 (gymnasium/music Room), 4189 and Building 4118 (main classroom building) will be demolished to make room for the new consolidated facility. A new multi-purpose field north of the campus will also be included to replace the existing soccer field. Temporary facilities will be included if needed for construction phasing or unforeseen conditions. The cost of the Sustainable Design and Development (SDD) initiatives is projected at 8% of the hard construction cost. The single largest component of the SDD cost is the photovoltaic system, which is just over 0.4% of hard construction cost. The balance of the SDD cost is for the various items identified on the Leadership in Energy and Environmental Design (LEED) Scorecard, which includes the high-performance classroom criteria such as day-lighting, views, thermal comfort and indoor air quality. UFC 4-010-01 DoD ATP Standards for Buildings require Progressive Collapse Avoidance structural design for new buildings 3 stories or more.

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. Sustainable design will be integrated into the design in accordance with Leadership in Energy and Environmental Design (LEED) for Schools Silver criteria.

11. REQUIREMENT:

PROJECT: This project will provide a new consolidated high school building to replace three deteriorated and dysfunctional facilities and support facilities at Yokota High School, Yokota Air Base, Japan.

CURRENT SITUATION: Yokota High School is over 25 years old and does not meet DoDEA Education Facilities Specifications. Existing Building 4117 (Gymnasium/Music Rm), Building 4118 (Classroom Bldg/Media Center/JROTC) and Building 4189 (Cafeteria/School Supply) were built in the early 1970's and are approaching their life expectancy. 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. Bldg. 4117 is undersized for Music with regard to current Education Specifications, has limited capacity for assembly and is in disrepair due to aging systems. This building currently has steam lines installed under the building slab which are constantly rupturing, requiring costly emergency repairs and disruption to school programs. Bldg. 4118 is designed with a cluster arrangement of classrooms surrounding a central core area which was popular in the early 1970's, but is now dysfunctional in relation to proven education standards. Most classrooms in this building are shaped as polygons which results in inefficient use of space and concern about fire protection due to several interconnecting rooms serving as the primary means of egress. Bldg. 4189 is not suitable as a Cafeteria/Multi-Purpose Room and is severely deteriorated. DoDEA Ed Specs combine Gymnasiums and Cafeterias to create large multi-purpose rooms which are not possible with the current facilities. Combining the Gymnasium and Cafeteria with Music, as proposed for this project will also improve the function of these facilities by providing a large multi-purpose room for assemblies and special events and a common stage for performances. The Art classroom is currently located in the Cafeteria building (Bldg. 4189) and is undersized and dysfunctional. The art space was originally designed as a dark room for an obsolete photography program.

IMPACT IF NOT PROVIDED: All facilities at Yokota High School will continue to degrade. Sustainment costs will continue to rise each year with increasing costs attributed to emergency repair work and catastrophic failure of systems and components. School programs may be compromised due to emergencies such as ruptured steam lines. The school will continue to operate in a deficient arrangement due to the obsolete configuration of Building 4118 and the separation of cafeteria and gymnasium. Popular programs such as Art and Music will be housed in undersized and outdated facilities. DoDEA will not be able to adequately fulfill its mission and responsibility to

1. Component DoDEA	FY 2012 MILITARY CONSTRUCTION PROGRAM			2. Date February 2011
3. Installation and Location Yokota Air Base, Japan			4. Project Title Replace Yokota High School	
5. Program Element	6. Category Code 730787	7. Project Number PA00027	8. Project Cost (\$000) 49,606	

11. REQUIREMENT (continued):

provide a safe, secure, and well managed environment that focus on student achievement for US station personnel dependents at Yokota Air Base.

ADDITIONAL: This project will be coordinated with the installation physical security plan and all required AT/FP measures will be included. The continued use of temporary classroom facilities will be included in the event the construction schedule is delayed as a result of unforeseen circumstances. Sustainable principles will be integrated into 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. A preliminary analysis of reasonable options for accomplishing this project was done. It indicates there is only one option that will meet operational requirements. Because of this, a full economic analysis was not performed. A certificate of exception has been prepared.

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

POC is Mr. Mike Smiley, mike.smiley@hq.dodea.edu, (703) 588-3509.

1. Component DoDEA	FY 2012 MILITARY CONSTRUCTION PROGRAM			2. Date February 2011
3. Installation and Location Yokota Air Base, Japan			4. Project Title Replace Yokota High School	
5. Program Element	6. Category Code 730787	7. Project Number PA00027	8. Project Cost (\$000) 49,606	

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

1. Status:

- | | |
|--|------------------|
| (a) Date Design Started | Nov 2010 |
| (b) Parametric Cost Estimate Used to Develop Costs | Yes |
| (c) Percent Complete as of January 1, 2011 | 5% |
| (d) Date 35 Percent Complete | Mar 2011 |
| (e) Date Design Complete | Dec 2011 |
| (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 Cost (c) = (a) + (b) or (d) + (e)

- | | |
|--|-------|
| (a) Production of Plans and Specifications | 2,200 |
| (b) All other Design Costs | 1,400 |
| (c) Total | 3,600 |
| (d) Contract | |
| (e) In-house | |

4. Contract Award

Mar 2012

5. Construction Start

May 2012

6. Construction Complete

May 2014

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Furnishings/Equipment	O&M	2014	250
Active Network Hardware for Local Area Network and Voice over IP Phone Systems (Passive cable plant installation priced and included as part of construction)	O&M	2014	150

1. COMPONENT DoDEA		FY 2012 MILITARY CONSTRUCTION PROGRAM					2. Date February 2011				
3. Installation and Location RAF Alconbury, United Kingdom				4. COMMAND DoDEA			5. AREA CONSTRUCTION COST INDEX 1.13				
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED		TOTAL	
		OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED		CIVILIAN
a. AS OF 30 SEP 2010							238				238
b. END FY 2014							238				238
7. INVENTORY DATA (\$000)											
TOTAL ACREAGE							0				
INVENTORY TOTAL AS OF							0				
AUTHORIZATION NOT YET IN INVENTORY.....							0				
AUTHORIZATION REQUESTED IN THIS PROGRAM.....							35,030				
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....							0				
PLANNED IN NEXT THREE PROGRAM YEARS.....							0				
REMAINING DEFICIENCY.....							0				
GRAND TOTAL.....							35,030				
CATEGORY CODE 730787		PROJECT TITLE Replace Alconbury High School			SCOPE 87,744 SF		COST (\$000) 35,030		DESIGN START Apr 2011		STATUS COMPLETE Aug 2014
9. FUTURE PROJECTS											
a. INCLUDED IN FOLLOWING PROGRAM None											
b. PLANNED IN NEXT THREE YEARS None											
10. MISSION OR MAJOR FUNCTIONS Military Dependent Education											
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: None											

1. Component DoDEA		FY 2012 MILITARY CONSTRUCTION PROGRAM		2. Date February 2011	
3. Installation and Location RAF Alconbury, United Kingdom			4. Project Title Replace Alconbury High School		
5. Program Element		6. Category Code 730787	7. Project Number EU00063		8. Project Cost (\$000) 35,030
9. Cost Estimates					
		U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY					25,056
Construction		SF	87,744	279.79	(24,550)
SDD and EPCAct05 (2%)		LS	-	-	(506)
SUPPORTING FACILITIES					5,552
Paving and Walks, Curbs and Gutters, Covered Walkways		LS	-	-	(583)
Site Preparation & Development		LS	-	-	(816)
Water, Sewer & Gas		LS	-	-	(437)
Storm Drainage		LS	-	-	(290)
Electrical Service		LS	-	-	(285)
Communication		LS	-	-	(284)
Antiterrorism/Force Protection (AT/FP)		LS	-	-	(1,284)
Demolition		SF	80,856	8.26	(668)
Temporary Facilities		LS			(905)
SUBTOTAL					30,608
CONTINGENCY (5.0%)					<u>1,530</u>
ESTIMATED CONSTRUCTION COST					32,138
SUPERVISION & ADMINISTRATION (5%)					1,607
Design/Build – Design Cost (4%)					<u>1,285</u>
TOTAL PROJECT COST					35,030
10. DESCRIPTION OF PROPOSED CONSTRUCTION:					
<p>This project will construct a new high school. The project will include general purpose classrooms, gymnasium, information center, computer labs, science labs, supply areas, specialist rooms, music room, art room, learning impaired room, nurse's area, teacher work rooms, counseling areas, storage rooms, administrative and support offices. Project includes related infrastructure such as parking areas, mechanical rooms, delivery areas, and athletic fields/sport courts. Site improvements include signage, fencing, paving, landscaping, covered walkways, exterior lighting and utilities.</p>					

1. Component DoDEA	FY 2012 MILITARY CONSTRUCTION PROGRAM			2. Date February 2011
3. Installation and Location RAF Alconbury, United Kingdom			4. Project Title Replace Alconbury High School	
5. Program Element	6. Category Code 730787	7. Project Number EU00063	8. Project Cost (\$000) 35,030	
<p>10. DESCRIPTION OF PROPOSED CONSTRUCTION (continued):</p> <p>The project development will require the demolition of buildings 691, 693 and 698. Phased building demolition will be required to accommodate new construction without interrupting school operations and will require temporary classrooms facilities. Facilities will be designed in accordance with DoDEA Education Facilities Specifications, Americans with Disabilities Act (ADA) Accessibility Guidelines, National Fire Protection Association (NFPA) Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, and energy and water conservation standards. Sustainable design will be integrated into the design in accordance with Leadership in Energy and Environmental Design (LEED) Silver for Schools criteria.</p> <p>11. REQUIREMENT:</p> <p><u>PROJECT:</u> Replace the existing high school by constructing a new high school.</p> <p><u>REQUIREMENT:</u> The new school is required to provide adequate academic facilities for students in grades 6 through 12.</p> <p><u>CURRENT SITUATION:</u> The existing facilities are in failing condition. Many of the buildings being replaced are 30 to 50 years old. Separated facilities leads to inefficiencies due to travel times as students travel between classrooms, the dining facility and other activities. Additionally, undersized classrooms, and inadequate facilities further reduce efficiency and fail to meet the standards of the DoDEA Education Facilities Specifications. Aging infrastructure results in excessive maintenance costs. Most infrastructure has exceeded its useful life. There are numerous NFPA Life Safety and ADA code deficiencies and no fire suppression systems. Bathrooms and plumbing are in severe need of renovation. In-door air quality is a growing concern due to moisture and mold. The facilities do not meet construction standards for force protection and 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 use of failing, inadequate and undersized facilities that do not accommodate the current student population will continue to impair the overall educational program for students. Annual maintenance and utility costs will continue to rise and there will be increased risk of building system failures.</p> <p><u>ADDITIONAL:</u> 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. Sustainable principles will be integrated 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. Consideration and evaluation will be given to the use of natural redirected daylight through use of window walls, clerestory windows and skylights, green roofs, rain water collection cisterns for flushing of toilets, waterless urinals, solar heat collectors for hot water in locker rooms, night time air flushing for cooling ventilation, earth ducted cooling, floor slab cooling, geothermal heating/cooling, displacement ventilation via integrated floor outlets and use of locally available co-generated heating. 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>POC is Mr. Mike Smiley, mike.smiley@hq.dodea.edu (703) 588-3509</p>				

1. Component DoDEA	FY 2012 MILITARY CONSTRUCTION PROGRAM			2. Date February 2011
3. Installation and Location RAF Alconbury, United Kingdom			4. Project Title Replace Alconbury High School	
5. Program Element	6. Category Code 730787	7. Project Number EU00063	8. Project Cost (\$000) 35,030	

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

1. Status:

(a) Date Design Started	Apr 2011
(b) Parametric Cost Estimate Used to Develop Costs	Yes
(c) Percent Complete as of January 1, 2011	0%
(d) Date 35 Percent Complete	Nov 2011
(e) Date Design Complete	May 2012
(f) Type of Design Contract	Design/Build

2. Basis:

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

3. Total Cost (c) = (a) + (b) or (d) + (e)

(a) Production of Plans and Specifications	
(b) All other Design Costs	
(c) Total	2,226
(d) Contract	1,855
(e) In-house	371
4. Contract Award	Jan 2012
5. Construction Start	Jun 2012
6. Construction Complete	Aug 2014

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Furnishings/Equipment	O&M	2014	300
Active Network Hardware for Local Area Network and Voice over IP Phone Systems (Passive cable plant installation priced and included as part of construction)	O&M	2014	400