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

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

1. COMPONENT								2. Dat	e		
DoDEA	EV 2042	8411 I T A		NICTO	LICTIO				February 2012		
	FY 2013	MILITA	RYCO	NSIR	UCTIO	N PRO	JKAWI				
3. Installation and Location				4. COM	MAND				5. AREA CONSTRUC- TION COST INDEX		
FORT CAMPBELL, K	ENTUCKY			Dol	DEA				02	NBEX	
6. PERSONNEL STRENGTH		PERMANEN			STUDENT	1	SUPPORT				
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL	
a. AS OF 30 SEP 2011						635				635	
b. END FY 2015						741				741	
7. INVENTORY DATA (\$000)											
TOTAL ACREAGE							_				
INVENTORY TOTAL AS OF							0				
AUTHORIZATION NOT YET	IN INVENTORY.						. 0				
AUTHORIZATION REQUEST							, -	7			
AUTHORIZATION INCLUDE											
PLANNED IN NEXT THREE											
REMAINING DEFICIENCY											
GRAND TOTAL							. 41,76	7			
8. PROJECTS REQUESTED											
CATEGORY	IN THIS PROGE	XAIVI				COS	Т	DESIGN		STATUS	
<u>CODE</u>	<u>PR</u>	OJECT TIT	<u>LE</u>	<u>sc</u>	OPE	<u>(\$000</u>	<u>))</u>	<u>START</u>		<u>OMPLETE</u>	
73046	Replace	Barkley Ele School	mentary	142,	049 SF	41,76	67	Jan 12		Jul 15	
9. FUTURE PROJECTS											
a. INCLUDED IN FOLLOWII Replace Marshall Ele		ool: Additi	ion Fort	Camphe	II High S	chool: R	enlace W	lassom N	Middle S	chool	
Replace Marshall Ele	ciricitaly con	ooi, Additi	ion i on	Campbe	ii i ligii O	Cilooi, ix	spiace v	vassoiii i	vildale o	511001	
b. PLANNED IN NEXT THR	EE YEARS										
Replace Jackson Ele	mentary Scho	ol; Repla	ce Linco	In Eleme	entary So	chool					
10. MISSION OR MAJOR FU	NCTIONS										
Military Dependent E											
11 OUTSTANDING POLLUT		TV DEFICIE	NOIFO:								

None

1. COMPONENT DoDEA		2. Date February 2012					
3. INSTALLATION AND LOCATION 4. PROJECT TITLE:							
FORT CAMPBELL, KENTUCKY REPLACE BARKLEY ELEM SCHOOL					IENTARY		
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT COST (\$000)		
		73046	AM00028		41	,767	
9. COST ESTIMATES							

y, cost Berning	T	1		1
Item	U/M	Quantity	Unit Cost	Cost (\$000)
PRIMARY FACILITIES BARKLEY ELEMENTARY SCHOOL LEED AND FEDERAL ENERGY ACTS COMPLIANCE	SF LS	142,049	198.20	29,563 28,155 1,408
SUPPORTING FACILITIES CANOPIES ELECTRICAL UTILITIES COMMUNICATION WATER/SEWER UTILITIES MECHANICAL UTILITIES SITE PREPARATION ROADS, SIDEWALKS AND PARKING SITE IMPROVEMENTS/PLAYGROUNDS DEMOLITION LOW IMPACT DEVELOPMENT	LS LS LS LS LS LS LS LS	78,794	15.77	7,718 (505) (1,139) (719) (840) (591) (671) (872) (910) (1,243) (228)
SUBTOTAL CONTINGENCY PERCENT (5%) ESTIMATED CONTRACT COST SUPERVISION, INSPECTION & OVERHEAD (5.7%) ENGINEERING DURING CONSTRUCTION (1%) TOTAL REQUEST				37,281 1,864 39,145 2,231 391 41,767

Construct an elementary school composed of shallow foundations, steel frame, and CMU with brick veneer. Interior construction will consist of but not be limited to CMU for halls, classrooms, restrooms, mechanical rooms; suspended acoustic ceiling tile with appropriate energy efficient light fixtures such as florescent, pendant hung, and recessed; terrazzo flooring for entries, halls, restrooms; VCT for classrooms and offices; and SVT for food service areas. Interior spaces include a minimum of learning neighborhoods, a special education area for the moderate to severe program, flex labs, information center, gymnasium, auxiliary gymnasium, food service area, art room, music room, performance theater, commons area for dining and social networking, and other required areas for a fully functioning elementary school. Cafeteria, food service and information center areas were sized for the future ES School population. The project includes site work such as signage, fencing, paving, landscaping, canopies, exterior lighting, utilities, and playground areas. The project includes related infrastructure such as water, sewer, electrical, staff and visitor parking areas, mechanical rooms, emergency access lanes and delivery areas. The project will require demolition of Buildings 3708 and 3710 for a total of 78,794 SF.

DEMO Table

 Bldg #
 Area (SF)

 3708
 77,219

 3710
 1,575

Sustainable principles will be maximized in the design, development and construction of the project in accordance with Executive Order 13123 and other applicable laws and executive orders. Energy conservation and environmentally safe

1. COMPONENT DoDEA		2. Date February 2012					
3. INSTALLATION AND LOCATION 4. PROJECT TITLE:							
FORT CAMPBELL, KENTUCKY				REPLACE BARKLEY ELEMENTARY SCHOOL			
5. PROGRAM ELEMENT	Γ	6. CATEGORY CODE	7. PROJECT NUMBER		8. PROJECT CC	OST (\$000)	
		73046	AM00028		41	,767	

measures will be incorporated in this project wherever feasible, practical or required by regulation. Energy and natural resource conservation measures will be maximized in the design to the extent possible. In accordance with Leadership in Energy and Environmental Design (LEED) for Schools, Silver certification will be the minimum goal of the project.

Facilities will be designed in accordance with DoDEA 21st Century Education Facilities Specifications, Americans with Disabilities Act (ADA) Accessibility Guidelines/Architectural Barriers Act (ABA), National Fire Protection Association (NFPA) Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, and energy and water conservation standards.

Air Conditioning Load: 350 TONS

11. REQUIREMENT: 142,049 SF ADOT: 4,875 SF SUBSTD: 78,794 SF

PROJECT:

Replace the existing elementary school by constructing a new elementary school.

REQUIREMENT:

The new school is required to provide adequate academic facilities for 741 students in grades Pre-Kindergarten through five. School population, as of September 2011 is 635 students.

CURRENT SITUATION:

The existing facilities are in substandard condition except for a four classroom addition with 4,875 SF that was constructed in FY 09. The majority of the school buildings being replaced are greater than 45 years old. Existing classroom and education spaces are undersized and have inadequate infrastructure that fails to meet the standards of the DoDEA 21st Century Education Facilities Specifications. Aging utility infrastructure systems result in excessive maintenance costs and repair actions that interrupt the school operations. Most infrastructure components, such as HVAC, electrical and plumbing, have exceeded their useful life. There are numerous NFPA Life Safety and ADA code deficiencies, no fire suppression systems, and marginal indoor air quality as the facility was constructed under different code requirements. The facilities do not meet construction standards for energy efficiency. Numerous maintenance and repair problems have developed and are becoming non-repairable. The existing facilities do not meet the AT/FP requirements.

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 compound and the school will not support a 21st Century curriculum and provide for energy savings and sustainability initiatives. Building 3708 is currently a Q3 rating and will diminish greatly over the next few years. Outdated, failing, and in need of repair/replacement are roof, windows, restrooms, HVAC systems, exterior façade and kitchen equipment.

ADDITIONAL:

This project has been coordinated with the installation physical security plans and all AT/FP measures are included.

Economic Alternatives:

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

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.

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA 2. Date February 201									
3. INSTALLATION AN	D LOCA	TION		4. PROJECT TITL	E:					
FORT CAMPBELI	L, KENT	TUCKY		REPLACE B. SCHOOL	ARKLEY ELEM	IENTARY				
5. PROGRAM ELEMEN	VТ	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	OST (\$000)				
		73046		AM00028	41	1,767				
POC (703) 588-3509										
12. Supplemental Data	a:									
Site Approval: Yes	Site Approval: Yes X Obtained Date: 26 Apr 2011									
No [Expected Date:								
Issues: (state no issue o	or explai	in the issue)								
 a. DDESAB, AICUZ, Airfield, EMR, or wetlands – No issue b. Endangered species/sensitive habitat – No issue c. Air quality – No issue d. Cultural/archeological resources – No issue e. Clearing of trees – No issue f. Known contamination at selected site – No issue g. Operational problems – No issue h. Traffic patterns impact – Traffic study required for busy thoroughfare i. Existing utilities upgrade – No issue j. Ordnance sweep required prior to construction – No issue 										
Planning: Consistent with Installs	ation Ma	aster Plan: Y								
Host Nation Approval:	: Country	y, date of approval if applicab	ole – N/A	A						
National Capital Region	on Appro	oval: Date of approval, if appl	icable –	- N/A						
NEPA Documentation Level of NEPA: Environment										
Mitigation Issues:										
 a. Wetlands replacen b. Hazardous Waste c. Contaminated soil d. Other – N 	– Y									
(c) Percent of (d) Expected 3 (e) Design Co (f) Type of D	art Date c Cost Es Design 35% Des	n Date	ts		N 09 M J <i>A</i>	_				
(2) Basis: (a) Standard of the Design (b) Date Design		itive Design Most Recently Used			N.					

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA								
3. INSTALLATION AND L	OCATION	4. PROJECT TI	TLE:						
FORT CAMPBELL, K	KENTUCKY	REPLACE SCHOOL	BARKLEY ELF	ARKLEY ELEMENTARY					
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT (COST (\$000)					
	73046	AM00028		41,767					
 (a) Production of (b) All Other Design (c) Total Design (d) Contract (e) In-house (4) Construction Co (5) Construction State (6) Construction Co 	Cost ontract Award Date art Date ompletion Date	muoviidad Guore athere are service	2 1 <i>A</i> N J	4,123 2,474 1,649 APR 2013 MAY 2013 UL 2015					
3. Equipment associated v	with this project which will be	provided from other appropriate Fiscal Year	oriations:						
Equipment Nomenclature Furnishings Kitchen IT Education Supplies Safety Equipment Security Equipment	Procuring Appropriation O&M O&M O&M O&M O&M O&M O&M O&M	Appropriated Or Requested 2015 2015 2015 2015 2015 2015 2015	Cost (\$000) 843 47 506 103 5 7						

1. COMPONENT							2. Dat	Δ		
DoDEA	FY 2013	MILITARY CO	NSTR	UCTIO	N PRO	GRAM		February 2012		
3. Installation and Location			I 4 COM	MAND			5 API	5. AREA CONSTRUC-		
3. Ilistaliation and Location			4. COMMAND				TIC	TION COST INDEX		
Vogelweh Housing Are	a, Kaisersla	utern, Germany	Do	DoDEA				27		
6. PERSONNEL STRENGTH		PERMANENT		STUDENT			UPPORTE			
	OFFICER	ENLISTED CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL	
a. AS OF 30 SEP 2011				979					979	
b. END FY 2015					655				655	
7. INVENTORY DATA (\$000)										
TOTAL ACREAGE						_				
INVENTORY TOTAL AS OF						_				
AUTHORIZATION NOT YET IN										
AUTHORIZATION REQUESTED IN THIS PROGRAM										
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM										
PLANNED IN NEXT THREE PROGRAM YEARS										
REMAINING DEFICIENCY										
GRAND TOTAL						. 61,415				
0 DD0 I5070 D501I5075D II	TI IIO DDOO									
8. PROJECTS REQUESTED IN CATEGORY	THIS PROGE	RAM		I	COS	т	DESIGN		STATUS	
CODE	PR	OJECT TITLE	<u>sc</u>	OPE	<u>(\$000</u>		START		OMPLETE	
730787	Replace \	ogelweh Elementary	166,	166,524 SF 61,418		5	Jan 12	Jan 12	Apr 15	
9. FUTURE PROJECTS										
a. INCLUDED IN FOLLOWING	PROGRAM									
None										
b. PLANNED IN NEXT THREE None	YEARS									
10. MISSION OR MAJOR FUNCTIONS										
Military Dependent Edu	cation									
11. OUTSTANDING POLLUTIO None	N AND SAFET	Y DEFICIENCIES:								

. COMPONENT DoDEA		FY 2013 MILITARY CON		2. Date February 2012					
3. INSTALLATION AND LOCATION 4. PROJECT TITLE:									
Vogelweh Housing Area, Kaiserslautern, Germany Replace Vogelweh Elementary School						School			
5. PROGRAM ELEMEN	NT	6. CATEGORY CODE	7. PRO	JECT N	JMBER	8.	PROJECT COS	ST (\$000)	
		730787		EU00034 61,415			415		
	9. COST ESTIMATES								
Item					Quantit	V	Unit Cost	Cost (\$000)	

J. COST ESTIMI				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
PRIMARY FACILITIES ELEMENTARY SCHOOL LEED AND FEDERAL ENERGY ACTS COMPLIANCE	SF LS	166,524	274.32	47,036 45,681 1,355
SUPPORTING FACILITIES SPECIAL CONSTRUCTION FEATURES CANOPIES ELECTRICAL UTILITIES WATER/SEWER UTILITIES MECHANICAL UTILITIES SITE PREPARATION ROADS, SIDEWALKS AND PARKING SITE IMPROVEMENTS DEMOLITION AT/FP	LS LS LS LS LS LS LS LS			7,628 617 373 139 182 270 1959 932 2,936 22 198
SUBTOTAL CONTINGENCY PERCENT (5%) ESTIMATED CONTRACT COST SUPERVISION, INSPECTION & OVERHEAD (6.5%) ENGINEERING DURING CONSTRUCTION(0.5%) TOTAL REQUEST				54,664 2,733 57,397 3,731 287 61,415

Construct a two story school composed of poured concrete, concrete block/steel structure and stucco/masonry exterior. Also retain and renovate building 124. Interior construction will consist of concrete wall/plaster for common shared areas, neighborhoods, Student Support Areas, Exploratory Learning spaces and buildings services, classrooms restrooms mechanical rooms, meeting rooms, and counseling rooms, interior suspended ceiling with florescent lighting, flooring for neighborhoods, student support areas, and common shared spaces will be vinyl tile, information centers carpet, for student support areas vinyl and carpet, entries, circulation spaces and restrooms ceramic tile or as required to meet functional requirements. Interior spaces neighborhoods, flexible laboratories, occupational and physical therapy, moderate and severe learning impaired areas, guidance counseling and professional development centers; a small performance space medium career and technical education spaces and an information center. The project includes, but not limited to, site improvements such as site development, signage, fencing, paving, exterior lighting, utilities, covered walkways and landscaping. Interior spaces include neighborhoods, information center, flex labs, gymnasium, supply areas, specialist rooms, art room, learning impaired rooms, teacher work rooms, counseling areas, storage, administrative offices, multipurpose room/kitchen and other required areas for a fully functioning elementary/high school. The cafeteria, gymnasium, food service and information center areas are included. Enrollment will be realigned between the two Kaiserslautern elementary schools. The project includes related infrastructure such as, but not limited to, parking areas, mechanical rooms, water, sewer, electrical, delivery areas, and playgrounds. Sustainable principles will be maximized in the design, development and construction of the project in accordance with Executive Order 13123 and other applicable laws and executive orders. Energy conservation and environmentally safe measures will be incorporated in this project wherever feasible, practical or required by regulation. Energy and natural resource conservation measures will be maximized in the design to the extent possible. In accordance with Leadership in Energy

. COMPONENT DoDEA		PATA	2. Date February 2012				
3. INSTALLATION AND	STALLATION AND LOCATION 4. PROJECT TITLE:						
Vogelweh Housing A	aiserslautern, Germany		Replace Vogelweh Elementary School				
5. PROGRAM ELEMENT	T	6. CATEGORY CODE	7. PROJECT NUMBER		8. PROJECT COST (\$000)		
		730787		EU00034	61	,415	

and Environmental Design (LEED) for Schools, Silver certifiable (OCONUS) will be the minimum goal of the project.

Facilities will be designed in accordance with DoDEA Education Facilities Specifications, Americans with Disabilities Act (ADA) Accessibility Guidelines/Architectural Barriers Act (ABA), National Fire Protection Association (NFPA) Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, and energy and water conservation standards.

Air Conditioning Load: Estimated at 25 Tons

11. REQUIREMENT: 166,524 SF ADQT: 0 SUBSTD: 132,771:

PROJECT:

Replace the existing Vogelweh elementary school by constructing a new elementary school.

REQUIREMENT:

The new school is required to provide adequate academic facilities for 655 students in grades PS-5. School population based on SY2009-2010.

CURRENT SITUATION:

The existing Vogelweh Elementary School consists of four separate buildings constructed in 1955 (Bldg 1178), 1960 (Bldgs 1032 and 1033), and 2003 (Bldg 01179). The buildings constructed between 1955 through 1971 have "failing" facility condition ratings, meaning it is more economical in the long term to replace these facilities rather than paying maintenance and repair costs. Additionally, undersized classrooms and the current number and layouts of the facilities have resulted in the loss of academic operational efficiencies and fail to meet the standards of the DoDEA 21st Century Education Facilities Specifications. Aging building systems result in excessive maintenance costs and interrupt school operations. There are numerous NFPA Life Safety (e.g. inadequately sized stairwells) problems and ADA code violations and no fire suppression systems, as the facilities were constructed under different code requirements. Bathrooms and plumbing are in severe need of replacement. The facilities do not meet construction standards for energy efficiency. The existing facilities do not meet AT/FP guidelines. Due to site restrictions, replacement of these facilities cannot be accomplished on the present site. A new site has been identified.

IMPACT IF NOT PROVIDED:

The continued use of multiple inadequate and undersized facilities will continue to impair the overall educational program for students. If new facilities are not provided, the substandard environment will continue to hamper student education, motivation and inspiration. The current facilities will not be able to support a 21st Century Curriculum and DoD's energy savings and sustainability initiatives. Yearly maintenance and utility costs will continue to compound and interrupt school operations. The school facilities cannot be economically modified to meet NFPA Life Safety and ADA guidelines without significant remodeling, expansion, and new construction. The combining of Kaiserslautern ES and Vogelweh ES students populations will evenly distribute the total projected K-5 student load of approximately 1310 children for the Kaiserslautern area, and result in better consolidated education and service opportunities for the students, and increased efficiencies and economies of scale in operations, maintenance, and staffing. Vogelweh Elementary School is currently a Q3 rating and will diminish greatly over the next few years. Outdated, failing, and in need of repair/replacement are fire alarm, electrical and heating systems.

ADDITIONAL:

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

. COMPONENT DoDEA		FY 2013 MILITARY CON	STRUC	TION PROJECT D	OATA	2. Date February 2012			
3. INSTALLATION AN	D LOCA	TION		4. PROJECT TITL	E:				
Vogelweh Housing	g Area, K	aiserslautern, Germany		Replace Voge	lweh Elementary	y School			
5. PROGRAM ELEMEN	TV	6. CATEGORY CODE	7. PRC	JECT NUMBER	8. PROJECT CO	OST (\$000)			
		730787		EU00034 61,415					
Economic Alternative	s:								
		onsidered during the developronomic analysis was needed o			her option could	meet the mission			
JOINT USE CERTIFICATION:									
This facility can be used by other components on an "as available" basis; however, the scope of the project is based on DoDEA requirements.									
DODEA POC: (703)) 588-3509									
12. Supplemental Dat	-a·								
Site Approval: Yes	x	Obtained Date: August 12,	2010						
No		Expected Date:	2010						
·									
 a. DDESAB, AICUZ b. Endangered speci c. Air quality – No I d. Cultural/archeolo e. Clearing of trees - Base Civil Engine f. Known contamina g. Operational probl h. Traffic patterns in i. Existing utilities u 	 b. Endangered species/sensitive habitat – No Issue c. Air quality – No Issue d. Cultural/archeological resources – No Issue e. Clearing of trees – Site is heavily forested. Tree removal will be coordinated with the German Forestmeister by the Base Civil Engineer. f. Known contamination at selected site – No Issue g. Operational problems – No Issue h. Traffic patterns impact – No Issue i. Existing utilities upgrade – No utilities currently on site, but adjacent to the location. 								
Planning: Consistent with Install	lation Ma	aster Plan: Yes							
Host Nation Approval	: NR								
NEPA Documentation Level of NEPA: (pick Memorandum of Nega Mitigation Issues:	one) Cat	tegorical Exclusion, Environr	nental A	Assessment, Enviro	onmental Impact	Statement,			
 a. Wetlands replaced b. Hazardous Waste c. Contaminated soin d. Other – N 	-N								
A. Design Data (Estimate	ed):							
(1) Status: (a) Design St	art Date				Ja	ın 2012			

. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA 2. Da Febru				
3. INSTALLATION AND LOCA	ATION	4. PROJECT TITI	LE:		
Vogelweh Housing Area, l	Kaiserslautern, Germany	Replace Vogo	elweh Elementary School		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
	730787	EU00034	61,415		
` '	mpletion Date	ts	NONE 5% May 2012 Jan 2013 Design/Bid/Build		
(2) Basis:(a) Standard or Defir(b) Date Design was	nitive Design - (YES/NO) Most Recently Used		NO N/A		
(3) Total Design Cost (c) (a) Production of Pla (b) All Other Design (c) Total Design Cos (d) Contract (e) In-house (4) Construction Contra (5) Construction Start I	ns and Specifications Costs t act Award Date Date		\$7,686 \$4612 \$3074 Apr 2013 May 2013		
(6) Construction Compl			Apr 2015		
B. Equipment associated with	this project which will be pro	vided from other appropri	ations:		

		riscai Year	
Equipment	Procuring	Appropriated	Cost
<u>Nomenclature</u>	<u>Appropriation</u>	Or Requested	<u>(\$000)</u>
Furnishings	O&M	2015	1,047
Kitchen	O&M	2015	10
IT	O&M	2015	462
Education Supplies	O&M	2015	22
Safety Equipment	O&M	2015	5
Security Equipment	O&M	2015	1

1. COMPONENT DoDEA	DoDEA FY 2013 MILITARY CONSTRUCTION PROGRAM Febr									
3. Installation and Location					MAND				5. AREA CONSTRUC- TION COST INDEX	
Wiesbaden, Germany				Dol	DEA			1.2	26	
6. PERSONNEL STRENGTH	PE	RMANEN	NT .		STUDENTS	S	Ç	SUPPORTE	D	
	OFFICER	ENLISTED	CIVILIAN	OFFICER ENLISTED		CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL
a. AS OF 30 SEP 2011						632				632
b. END FY 2015						655				655
7. INVENTORY DATA (\$000)								1 .		u.
TOTAL ACREAGE	VENTORY N THIS PROC FOLLOWING	GRAM PROGRA	MM				. 0 . 0 . 52,178 . 0	3		
8. PROJECTS REQUESTED IN T	HIS PROGRA	AM								
CATEGORY CODE	PRO	DJECT TIT	<u>rle</u>	COST SCOPE (\$000)			DESIGN <u>START</u>		STATUS OMPLETE	
73046	Addition Wie	esbaden F	High School	102,236 SF		52,178		Jan 12		Apr 15
9. FUTURE PROJECTS										
 a. INCLUDED IN FOLLOWING PRINCE New Hainerberg Element New Wiesbaden Middle Structure b. PLANNED IN NEXT THREE YEAR None 	ary Schoo School FY									
MISSION OR MAJOR FUNCTION Military Dependent Educa Military Dependent Educa Military Dependent Educa Military Dependent Educa	ation									

None

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

O	$C \cap$	СТ	ECL	$\Gamma \Gamma \Lambda \Lambda$	ΛΊ	ΓES
フ・	\sim	$\mathbf{o}_{\mathbf{I}}$	டல	11111	/ 1 J	LLO

9. COST ESTIMATES								
Item	U/M	Quantity	Unit Cost	Cost (\$000)				
PRIMARY FACILITIES WIESBADEN HIGH SCHOOL ADDITION LEED AND FED ENERGY ACTS COMPLIANCE ANTITERRORISM (AT/FP) MEASURES SPECIAL COSTS (TEMPORARY FACILITIES)	SF LS LS LS	102,236	300.96	38,960 30,769 908 454 6,829				
SUPPORTING FACILITIES				7,482				
CANOPIES ELECTRICAL UTILITIES WATER/SEWER UTILITIES MECHANICAL UTILITIES SITE PREPARATION ROADS, SIDEWALKS AND PARKING SITE IMPROVEMENTS ATFP DEMOLITION	LS LS LS LS LS LS LS SF	67,081	18	289 352 472 657 738 1393 1,968 436 1,177				
SUBTOTAL	LS			46,442				
CONTINGENCY PERCENT (5%)	LS			<u>2,322</u>				
ESTIMATED CONTRACT COST	LS			48,764				
SUPERVISION, INSPECTION & OVERHEAD (6.5%)	LS			3,170				
ENGINEERING DURING CONSTRUCTION (EDC) (0.5%)	LS			<u>244</u>				
TOTAL REQUEST				52,178				
		l .	l .	l .				

Construct a two story school composed of poured concrete, reinforced concrete/steel structure and stucco/masonry exterior. Interior construction will consist of concrete wall/plaster for common shared areas, neighborhoods, Student Support Areas, Exploratory Learning Spaces, and building services, interior suspended ceiling with fluorescent lighting, flooring for neighborhoods, Student support areas and common shared spaces will be vinyl tile, information centers carpet, for student support areas vinyl and carpet, entries, circulation spaces and, restrooms ceramic tile or as required to meet functional requirements. Interior spaces consist of neighborhoods, Flexible Laboratories, Occupational and Physical Therapy, moderate and severe learning impaired areas; Guidance Counseling and Professional Development Centers; a small performance space, medium Career and Technical Education spaces and an Information Center. The project includes site improvements such as signage, fencing, paving, drainage, landscaping, covered walkways, exterior lighting, and utilities for bus loading and unloading areas, student drop-off areas, parking for staff and visitors, and delivery areas.

The project includes related infrastructure such as the construction of temporary classroom facilities, water, sewer, electrical, student drop-off areas, parking for staff and visitors, and community road relocation due to project efforts. The project will require the demolition of buildings 07773, 07773A, 07774 and 7880 for a total of 67,081 SF (6,241 SM), detailed as follows:

1. COMPONENT DoDEA		FY 2013 MILITARY CONSTRUCTION PROJECT DATA				2. Date February 2012
3. INSTALLATION AND	LOCA	TION		4. PROJECT TITL	Æ:	
Wiesbaden, German	ıy			Wiesbaden Hi	igh School Addi	tion
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. P			7. PRO	JECT NUMBER	8. PROJECT CO	OST (\$000)
		73046		EU00043	:	52,178
DEMO Table					l	
Bldg# Area	SF/(SM	(I)				
07773 32,055	5 (2,987	SM)				
07773A 4.542	2 (422	2 SM)				
07774 28,094	(2,610	SM)				
7880 2,390	(222	2 SM)				
Total 67081	1 (624)	1 SM)				

Due to site constraints, the new structure will overlay the current identified permanent facilities scheduled for demolition as no other viable site is available. An estimated thirteen (13) temporary classrooms are initially required to accommodate the demolition of these permanent buildings and will be used for the duration of construction.

Construction for the new and temporary facilities is within an identified established military housing area. A new permanent road section, re-routing school buses, is required so as to have minimal impact upon the housing residents residing in the affected community area.

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

Facilities will be designed in accordance with DoDEA 21st Century Education Facilities Specifications, Antiterrorism/Force Protection Construction standards, Americans with Disabilities Act (ADA) Accessibility Guidelines/Architectural Barriers Act (ABA), National Fire Protection Association (NFPA) Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, energy conservation standards, and energy and water conservation standards. and U.S. federal environmental laws and regulations.

Air Conditioning Load: Estimated at 35 Tons

11. REQUIREMENT: 102,236 SF ADQT: 76,450 SF SUBSTD: 67,081 SF

PROJECT:

Addition to the Wiesbaden High School facility.

REQUIREMENT:

The addition is required to provide adequate academic facilities for 655 students in grades 9-12. School population based on SY2009-2010.

CURRENT SITUATION:

The existing facilities were built in 1955 (Bldg 7773 & Bldg 7773A), 1961 (Bldg 7774) and 1983 (Bldg 7880) respectively, and have "failing" facility condition ratings, meaning it is more economical in the long term to replace the facilities rather than paying maintenance and repair costs and they do not meet 21st Century Education Facilities Specifications. Additionally, undersized classrooms and the current layout of the facility reduces efficiencies and fail to meet the standards of the DoDEA Education Facilities Specifications. Aging building systems result in excessive maintenance costs and interrupt school operations. There are numerous ADA code and NFPA Life Safety violations including no fire suppression systems, as these facilities were constructed under different code requirements. Bathrooms and plumbing are in severe need of replacement. The facilities do not meet construction standards for energy efficiency. The existing facilities also do not meet AT/FP guidelines.

An FY2008 MILCON Project provided a Gymnasium, Academic Classrooms and a FY 2010 MILCON project renovated

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA					2. Date February 2012	
3. INSTALLATION AND LOCATION 4. PROJECT TITLE:							
Wiesbaden, Germany				Wiesbaden High School Addition			
5. PROGRAM ELEMEN	T	6. CATEGORY CODE	7. PROJECT NUMBER		8. PROJECT CO	OST (\$000)	
		73046	EU00043		5	52,178	
and added on the Multipurpose Room. Construction has been phased due to MILCON Projects being constructed on the							

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

IMPACT IF NOT PROVIDED:

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

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

ADDITIONAL:

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

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

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

Economic Alternatives:

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

JOINT USE CERTIFICATION:

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

DODEA POC: (703) 588-3509

12. Supplemental Data:							
Site Approval:	Yes		Obtained Date:				
	No	X	Expected Date: 31 Jan 2012				

Issues: (state no issue or explain the issue)

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

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

Planning:

Consistent with Installation Master Plan: Yes

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

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

NEPA Documentation Complete: N/A

Level of NEPA: N/A

Memorandum of Negative Decision - N/A

Mitigation Issues:

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

A. Design Data (Estimated):

(1) Status:

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

(2) Basis:

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

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

(a) Production of Plans and Specifications

(b) All Other Design Costs

 (c) Total Design Cost
 4,889

 (d) Contract
 2,933

 (e) In-house
 1,956

(4) Construction Contract Award Date
 (5) Construction Start Date
 Apr 2013
 May 2013

(6) Construction Completion Date Apr 2015

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

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

1. COMPONENT DoDEA	FY 2013 MILITARY CO	ONSTRUCTION PROJECT I	DATA	2. Date February 2012				
3. INSTALLATION AND LO	CATION	4. PROJECT TITI	4. PROJECT TITLE:					
Wiesbaden, Germany		Wiesbaden H	ligh School A	ddition				
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)					
	73046	EU00043		52,178				
Education Supplies Safety Equipment Security Equipment	O&M O&M O&M	2015 2015 2015	647 5 29					
Security Equipment	O&M	2013	29					

1. COMPONENT	FY 2013	MII IT	A DV CO	MCTD	LICTIO	N DDO	2D A M	2. Da	te Februai	w 2012	
DoDEA	F1 2013	IVIILI I A	ART CO	N I CNI	UCTIO	N PRO	JKAW		reoruai	y 2012	
3. Installation and Location					MAND				5. AREA CONSTRUC- TION COST INDEX		
Kadena Air Base, Japa	n			Do	DEA				.51		
6. PERSONNEL STRENGTH	F	PERMANE	NT		STUDENT	S	;	SUPPORT	ED		
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL	
a. AS OF 30 SEP 2011						1,729				1,729	
b. END FY 2015						1,662				1,662	
7. INVENTORY DATA (\$000)											
TOTAL ACREAGE INVENTORY TOTAL AS OF AUTHORIZATION NOT YET IN AUTHORIZATION REQUESTED AUTHORIZATION INCLUDED IN PLANNED IN NEXT THREE PR REMAINING DEFICIENCY GRAND TOTAL	INVENTORY. IN THIS PRO N FOLLOWING OGRAM YEAR	OGRAM G PROGRA	AM				. 0 . 0 . 143,54 . 0	5			
8. PROJECTS REQUESTED IN	THIS PROGI	KAIVI				COS	Т	DESIGN		STATUS	
CATEGORY CODE	PF	ROJECT TI	<u>TLE</u>	<u>sc</u>	OPE	<u>(\$000)</u>		START		OMPLETE	
730787	Replace El Hope & An		School (Bob art)	194,	692 SF	\$71,772		Oct 2011		Jun 2015	
730787		Replace Stearley Heights Elementary School 175,931 SF \$71,773 Oct 2011 Aug 2015								Aug 2015	
9. FUTURE PROJECTS a. INCLUDED IN FOLLOWING Replace Kadena Middle Scho b. PLANNED IN NEXT THREE Replace Kadena Elementary Replace/Renovate Kadena H 10. MISSION OR MAJOR FUNC	YEARS School, Kadeligh School, Ka	na Air Base									
Military Dependent Edu	cation										

None

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

1. COMPONENT DoDEA	FY 2013 MILITARY COM	2. Date February 2012						
3. INSTALLATION AND L	3. INSTALLATION AND LOCATION 4. PROJECT TITLE:							
Kadena Air Base, Japan				Replace Elementary School (Bob Hope & Amelia Earhart)				
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PRC	JECT N	JMBER	8. PROJECT CO	OST (\$000)		
	730787	PA00033 \$7				1,772		
9. COST ESTIMATES								

9. COST ESTIMATES							
Item	U/M	Quantity	Unit Cost	Cost (\$000)			
PRIMARY FACILITIES Elementary School LEED & EPACT Compliance	SF LS	194,692 1	231	47,722 (44,974) (2,748)			
SUPPORTING FACILITIES				15,863			
Special Foundation Features Canopies Electrical Utilities Water/Sewer Utilities Mechanical Utilities Site Preparation Roads, Sidewalks and Parking Site Improvements Anti-Terrorism/Force Protection (AT/FP) Low Impact Development Environmental Mitigation	LS	1 1 1 1 1 1 1 1 1 1	- - - - - - - -	(5,125) (710) (1,325) (378) (68) (989) (2,004) (3,522) (441) (456) (845)			
SUBTOTAL				63,585			
CONTINGENCY PERCENT (5.0%)				3,179			
ESTIMATED CONTRACT COST				66,764			
SUPERVISION & ADMINISTATION (6.5%)				4,340			
ENGINEERING DURING CONSTRUCTION (1%)				668			
TOTAL PROJECT COST				71,772			

This project is to construct a new, two story Elementary School (ES) composed of reinforced concrete and steel with a pile foundation system. The interior construction will primarily consist of partition and/or reinforced concrete walls with resilient flooring. The project includes site improvements such as asphaltic concrete paving, sidewalks, covered walkway, curbs, gutters, storm drainage, parking, parent drop off and pick-up area, bus drop off and pick-up area, loading/unloading area, playground, play courts, play lots, signage, fencing, landscaping, fire lane/service road, and site/security lighting. The new school will include spaces as defined by the educational specifications such as but not limited to neighborhoods containing learning studios, learning hubs, group learning/virtual learning, one-to-one teaching spaces, staff planning/collaboration areas and instructional storage; Administration areas, miscellaneous offices, Guidance counseling center, Special education offices, Professional development center, Health services, Flexible labs, Art and Music rooms, OT/PT area, Commons, Information center, Theater/auditorium, Gym, Food service/kitchen, Recycling center, Janitorial administration, maintenance support, School supply/storage, Technology service center, and other required areas for a fully functioning ES. Cafeteria, food service and information center areas

1. COMPONENT DoDEA		ATA	2. Date February 2012					
3. INSTALLATION AND	D LOCA	TION		4. PROJECT TITL	E:			
Kadena Air Base, Japan				Replace Elementary School (Bob Hope & Amelia Earhart)				
5. PROGRAM ELEMEN	T	6. CATEGORY CODE	7. PROJECT NUMBER 8. PROJECT C			OST (\$000)		
		730787	PA00033		PA00033		\$7	1,772

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

The project includes related infrastructure utilities including water, sewer, communication, cable television, and electrical, to support the facilities. Heating, Ventilation and Air Conditioning (HVAC), fire sprinkler and fire alarm/mass notification systems, plumbing systems, electrical and lighting systems, closed circuit TV system, cable TV system, intercom/public address system, clock-bell system, telephone system, and a local area network system will be part of the project. The school will incorporate advanced communication systems to support technology program requirements, as well as general communications. The new telecommunication and cable television infrastructure shall be provided. New fiber optic cables must be provided from Building 400 to the project site utilizing the existing telecommunication infrastructure. Existing copper communication cables for the housing area shall be disconnected and removed. New electrical service shall be provided. The existing electrical service shall be demolished upon completion of the new building. Existing roadway with curb and gutter are to be demolished as part of this project along with other miscellaneous site elements to clear site for the new school facilities.

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

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

Air Conditioning: Load: 2,054 kW (584 Tons)

11. REQUIREMENT: : 194,692 SF ADQT: 0 SUBSTD: 167,291

PROJECT:

Replace the existing elementary schools with a new, consolidated elementary school.

REQUIREMENT:

The new school is required to provide adequate academic facilities to accommodate 842 students, Pre-K through 5th grade and support present curriculums selected for that age group.

CURRENT SITUATION:

Amelia Earhart Intermediate and Bob Hope Primary Schools were both constructed in 1980 under the Japanese Facilities Improvement Program and do not meet 21st Century Education Facilities Specifications. The schools consist of a series of two-story buildings constructed out of concrete. Modular building 9480-1 that was built in 1995 for additional space for both schools had severe structural deterioration and was demolished in FY11 after severe typhoon damage. This resulted in a loss of 6 classrooms for BHPS. Modular building 9480-2, built in 2000 for additional space for both schools has severely corroded structural members and framing that require immediate repair. Modular building 9480-2 is operating under a fire protection Operational Risk Management (ORM) constraint because the Authority Having Jurisdiction (AHJ) has given them a Fire Services Department (FSD) rating of 1, which means the buildings are highly susceptible to combustion. The restrooms have stained plumbing fixtures and missing ceramic tiles. Toilet partitions are degraded and in need of replacement. Piping is 20 years old and fixtures are in need

1. COMPONENT DoDEA		FY 2013 MILITARY CONSTRUCTION PROJECT DATA							
3. INSTALLATION AN	D LOCA	TION		4. PROJECT TITL	E:				
Kadena Air Base, Jap	Kadena Air Base, Japan				Replace Elementary School (Bob Hope & Amelia Earhart)				
5. PROGRAM ELEMEN	NT.	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CC	OST (\$000)			
		730787		PA00033	\$7	1,772			

of replacement and provide with water efficient fixtures. Emergency lights do not meet current US code. Public Address, clocks, and bell system is degraded and requires replacement. All casework is in need of replacement as doors and handles are coming off. Existing electrical branch circuits are not enough to provide the electrical needs of the school and a power upgrade is required. Windows are single pane and leak during typhoons. Floor finishes are reaching the end of their useful life. Past roof leaks have left ceiling tile stained and dirty. There are no visible fire alarm strobes. The school has the Japanese fire hoses and is otherwise not sprinklered. Both schools were built under the Japanese Facilities Improvement Program (JFIP) in 1980 and no longer have the electrical infrastructure to support the computer and electronic requirements.

IMPACT IF NOT PROVIDED:

The current facilities are undersized, do not meet the functional teaching space requirements and therefore are not suitable for the programs they serve. Yearly maintenance and utility costs will continue to compound and interrupt school operations. The loss of Modular bldg 9480-1 has decrease the size of the school by 6 classrooms. Modular buildings have a life expectancy of 15 years. Bldg 9480-2 will need to be demolished and both buildings rebuilt using O&M money. With the current yen to dollar exchange replacement cannot be accomplished with O&M money. These deficiencies are costly to rectify and the consolidation of multiple buildings into several modern facilities will result in significant annual cost savings. Bob Hope Primary School is currently a Q3 rating and will diminish greatly over the next few years. Outdated, failing, and in need of repair/replacement are exterior doors, intercom PA, electrical branch circuits, casework, exit lights, plumbing fixtures and piping, interior doors, exterior windows, fire alarm system, specialties, and floor finishes. Amelia Earhart Intermediate School is currently a Q3 rating and also will diminish in quality over the next few years if major and costly repairs are not completed. Outdated, failing, and in need of repair/replacement are emergency lights, intercom PA, branch circuits, casework, exit lights, fire alarm system, Plumbing fixtures and piping, floor finishes, exterior windows, interior doors, and specialties.

ADDITIONAL:

This project has been coordinated with the installation physical security plans and all AT/FP measures are included.

Economic Alternatives:

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

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

DODEA POC: (703) 588-3509

12. Supplemen	tal Da	ta:	
Site Approval:	Yes		Obtained Date:
	No	X	Expected Date: Jan 2012
Issues: (state no	issue	or explain	the issue)

- a. DDESAB, AICUZ, Airfield, EMR, or wetlands no issue
- b. Endangered species/sensitive habitat no issue
- c. Air quality no issue
- d. Cultural/archeological resources no issue
- e. Clearing of trees, trees required to be cleared
- f. Known contamination at selected site no issue
- g. Operational problems, no issue
- h. Traffic patterns impact, no issue
- i. Existing utilities upgrade, no issue

1. COMPONENT DoDEA		2. Date February 2012					
3. INSTALLATION AND LOCATION 4. PROJECT TITLE:							
Kadena Air Base, Japan Replace Elementary School (Bob F Earhart)					Hope & Amelia		
5. PROGRAM ELEMEN	NT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	OST (\$000)	
		730787		PA00033	1,772		
i Ordnance sween r	i Ordnance sween required prior to construction no issue						

j. Ordnance sweep required prior to construction, no issue

Planning:

Consistent with Installation Master Plan: Yes

Host Nation Approval: Country No

NEPA Documentation Complete: not required

Mitigation Issues:

- a. Wetlands replacement/enhancement No
- b. Hazardous Waste No
- c. Contaminated soil/water No
- d. Soils –The project site is primarily composed of soils and limestone, thus the facilities needs to be supported on a deep foundation system. A pile foundation bearing on bedrock 18 to 26 meters deep is required. Record drawings of existing site shows that bedrock (bearing layer) is distributed between the depths ranging from 18m to 26m deep.
- e. Technical Operating Manuals (manuals as required for Host Nation personnel who will maintain operational equipment)

A. Design Data (Estimated):

- (1) Status:
 - (a) Design Start Date

Oct 2011

(b) Parametric Cost Estimate Used to Develop Costs(c) Percent of Design Completed as of 1 Jan 2012

Yes 0%

(d) Expected 35% Design Date

Feb 2012

(e) 100% Design Completion Date

Jan 2013

(f) Type of Design Contract:

Design/Bid/Build

- (2) Basis:
 - (a) Standard or Definitive Design (YES/NO)

NO

(b) Date Design was Most Recently Used

N/A

- (3) Total Design Cost (c)=(a)+(b) OR (d)+(e):
 - (a) Production of Plans and Specifications
 - (b) All Other Design Costs

(c) Total Design Cost

\$5,380

(d) Contract(e) In-house

\$4,708 \$672

(4) Construction Contract Award Date

Apr 2013

(5) Construction Start Date

May 2013

(6) Construction Completion Date

Jun 2015

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

		Fiscal Year	
Equipment	Procuring	Appropriated	Cost
Nomenclature Nomenclature	<u>Appropriation</u>	Or Requested	<u>(\$000)</u>
Furnishings	O&M	FY 15	968
Kitchen	O&M	FY 15	100
IT	O&M	FY 15	650
Education Supplies	O&M	FY 15	204
Safety Equipment	O&M	FY 15	5
Security Equipment	O&M	FY 15	240

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA							2. Date February 2012
3. INSTALLATION AN	D LOCA	TION		4. PRO.	JECT TITL	E:		
Kadena Air Base, Japan				Replace Stearley Heights Elementary School				
5. PROGRAM ELEMEN	NT	6. CATEGORY CODE	7. PRO	JECT NU	JMBER	8. I	PROJECT CO	ST (\$000)
		730787 PA00025 \$ 7 5				,773		
		9. COST E	STIMA	ΓES				
		Itam		T T /N /I	Ouantit		Unit Cost	Cost (\$000)

9. COST ESTIMATES							
Item	U/M	Quantity	Unit Cost	Cost (\$000)			
PRIMARY FACILITIES Elementary School LEED & EPACT Compliance	SF LS	175,931 1	247 -	46,219 (43,455) (2,764)			
Supporting Facilities Special Foundation Features Canopies Electrical Utilities Water/Sewer Utilities Mechanical Utilities Mechanical Utilities Site Preparation Roads, Sidewalks and Parking Site Improvements Demolition Anti-Terrorism/Force Protection (AT/FP) Low Impact Development Environmental Mitigation	LS L	1 1 1 1 1 1 1 58,444 1 1	- - - - - 28	17,367 (4,538) (1,025) (1,159) (1,436) (372) (1,437) (1,541) (1,950) (1,686) (491) (947) (785)			
SUBTOTAL				63,586			
CONTINGENCY PERCENT (5%)				3,179			
ESTIMATED CONTRACT COST				66,765			
SUPERVISION & ADMINISTATION (6.5%)				4,340			
ENGINEERING DURING CONSTRUCTION (1%)				668			
TOTAL PROJECT COST				71,773			

This project is to construct a new, two-story Elementary School (ES) composed of reinforced concrete and steel with a pile foundation system. The interior construction will primarily consist of partition and/or reinforced concrete walls with resilient flooring. The project includes site improvements such as: asphaltic concrete paving, sidewalks, covered walkway, curbs, gutters, storm drainage, parking, parent drop off and pick-up area, bus drop off and pick-up area, loading/unloading area, playground, play courts, play lots, signage, fencing, landscaping, fire lane/service road, and site/security lighting. The new school will include spaces as defined by the educational specifications such as but not limited to neighborhoods containing learning studios, learning hubs, group learning/virtual learning, one-to-one teaching spaces, staff planning/collaboration areas and instructional storage; Administration areas, miscellaneous offices, Guidance counseling center, Special education offices, Professional development center, Health services, Flexible labs, Art and Music rooms, OT/PT area, Commons, Information center, Theater/auditorium, Gym, Food service/kitchen, Recycling center, Janitorial administration, maintenance support, School supply/storage, and Technology service center, and other required areas for a fully functioning ES. Cafeteria, food service and information

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

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

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

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

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

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

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

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

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

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA				2. Date February 2012	
3. INSTALLATION AND LOCATION 4. PROJECT TITLE:						
Kadena Air Base, Japan				Replace Stearley Heights Elementary School		
5. PROGRAM ELEMEN	VТ	6. CATEGORY CODE	7. PRC	JECT NUMBER	8. PROJECT CO	OST (\$000)
		730787		PA00025	\$7	1,773
11. REQUIREMENT: 175.931 SF ADOT: 0 SUBSTD: 89.14					9.148 SF	

PROJECT:

Replace the existing elementary with a new consolidated elementary school.

REQUIREMENT:

The new school is required to provide adequate academic facilities to accommodate 820 students, Pre-K through 5th grade and support present curriculums selected for that age group.

CURRENT SITUATION:

The primary school buildings at Stearley Heights were built in 1984 under the Japanese Facilities Improvement Program and do not meet 21st Century Education Facilities Specifications. The original buildings are a series of two-story buildings constructed out of concrete. Two temporary modular eight-classroom buildings were provided in 1995 and 2002, respectively. One of the temporary modular classrooms building is still being used. There have been numerous minor renovations to the school since the original construction; however, no major renovations have been done.

Many of the existing classrooms are undersized or inadequately equipped for the subjects being taught. Some of the special education teachers' classes are taught in a single classroom. There are no dedicated science experiment classrooms. The Educational and Developmental Intervention Services (EDIS) program has no dedicated space for occupational and physical therapy to properly accomplish their mission. Building 2261-1, require extensive maintenance and repair to remain adequate for occupancy.

There are currently no SureStart or Preschool Services for Children with Disabilities (PSCD) classes at Stearley Heights Elementary School due to a lack of suitable classroom space. Hence, a PSCD class is required at this school but there is no space for it. The existing HVAC equipment is at the end of its life expectancy and should be replaced. Plumbing fixtures in the restrooms are stained and should be repaired. This school was built under the Japanese Facilities Improvement Program in 1984 and therefore, it does not have the current electrical infrastructure to support the computer and electronic requirements of the 21th century.

The metal structural components of both modular buildings are heavily corroded and must be repaired. Additionally, temporary modular eight-classroom building T2261-1 is so deteriorated it has been evacuated and is scheduled for demolition in the immediate future. The reinforced concrete roof structure of the school has many severe cracks that have been repaired. More repairs to the roof are more than likely due to additional cracks which are anticipated. Though the school is structurally sound, there are many sustainment projects planned for this facility to keep it adequate for occupancy such as replacing the damaged sections of the HVAC systems, replace ceiling tiles, upgrade and repair the electrical system, upgrade the fire alarm system, repair the reinforced concrete roof, replace/repair doors, the removal of asbestos containing materials and many other miscellaneous projects to keep the school adequate for occupancy. The existing facilities do not meet NFPA Life Safety Code or American with Disability Act (ADA) requirements.

IMPACT IF NOT PROVIDED:

The current facilities are undersized, do not meet the functional teaching space requirements and therefore are not suitable for the programs they serve. Yearly maintenance and utility costs will continue to compound and interrupt school operations. Modular buildings have a life expectancy of 15 years. Both buildings will need to be demolished and rebuilt using O&M money. With the current yen to dollar exchange replacement cannot be accomplished with O&M money. These deficiencies are costly to rectify and the consolidation of multiple buildings into several modern facilities will result in significant annual cost savings. Stearley Heights Elementary School is currently a Q3 rating and will diminish greatly over the next few years. Outdated, failing, and in need of repair/replacement are ceiling finishes, intercom PA, branch circuits casework, exterior finishes, toilet partitions and accessories, HVAC, floor finishes, exterior windows, interior doors, exterior doors, emergency lights, exit lights, fire alarm system, lighting, plumbing fixtures and piping, roofs, and specialties.

1. COMPONENT DoDEA		FY 2013 MILITARY CONS	STRUC	ΓΙΟΝ PROJECT D	ATA	2. Date February 2012		
3. INSTALLATION AND I	LOCAT	TION		4. PROJECT TITL	.E:	L		
Kadena Air Base, Japan					y Heights Elemen	tary School		
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	OST (\$000)		
		730787		PA00025	\$7	1,773		
ADDITIONAL: This project has been coordinated with the installation physical security plans and all AT/FP measures are included.								
All known alternatives v	ECONOMIC ALTERNATIVES: All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.							
JOINT USE CERTIFICA This project can be used be DoDEA requirements.		: er components on an "as ava	ilable" t	pasis; however, the	e scope of the pro	eject is based on		
DODEA POC: (703) 588	8-3509).						
12. Supplemental Data:								
Site Approval: Yes 2	X	Obtained Date: July 2011						
No Expected Date:								
Issues: (state no issue or e	-							
a. DDESAB, AICUZ, Ab. Endangered species/s		d, EMR, or wetlands no issue	e					
c. Air quality, no issue		ve naonai, no issue						
d. Cultural/archeologica	al reso	urces, may be found on proje	ect site					
e. Clearing of trees, no f. Known contamination PCB		elected site, may encounter so	elected s	site/hazardous mate	erials consisting	of ACM and		
g. Operational problem								
h. Traffic patterns impai. Existing utilities upg		is route may be altered						
	-	orior to construction, no issue	;					
Mitigation Issues: a. Wetlands replacement/ b. Hazardous Waste –No		cement –No						
c. Contaminated soil/water		1						
		narily composed of soils and						
		foundation bearing on bedro (bearing layer) is distributed						
e. Technical Operating M		s (manuals as required for Ho						
equipment)								
A. Design Data (Estimate	ted):							
(1) Status:	Doto				^	ct 2011		
(a) Design Start(b) Parametric C		timate Used to Develop Cost	ts		Y			
(c) Percent of De	esign (Completed as of 1 Jan 201_			09	%		
(d) Expected 359 (e) 100% Design						eb 2012 n 2013		

1. COMPONENT						2. Date		
DoDEA		FY 2013 MILITARY CON	STRUC'	FION PROJECT I	DATA	February 2012		
3. INSTALLATION AND LOCATION 4. PROJECT T					LE:			
Kadena Air Base, Japan				Replace Stearle	ey Heights Elemen	tary School		
,					., ., ., ., ., ., ., ., ., ., ., ., ., .			
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PRC	JECT NUMBER	8. PROJECT CO	OST (\$000)		
		730787		PA00025	\$7	1,773		
(f) Type of Des	ign Co	ontract:	I.	Design/Bid/Build				
(2) Basis: (a) Standard or 1	Defini	tive Design - (YES/NO)		NO				
		Most Recently Used		N/A				
		()						
		(a)+(b) OR (d)+(e):						
(b) All Other De		s and Specifications						
(c) Total Design	_	20313			\$	5,380		
(d) Contract				\$4,708				
(e) In-house				\$672				
(4) Construction Contract Award Date				Apr 2013				
(5) Construction S				May 2013				
(6) Construction C	omple	etion Date			Aug	2015		

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

1 1	1 3	1 11	1
		Fiscal Year	
Equipment	Procuring	Appropriated	Cost
Nomenclature	Appropriation	Or Requested	<u>(\$000)</u>
Furnishings	O&M	FY 15	943
Kitchen	O&M	FY 15	51
IT	O&M	FY 15	775
Education Supplies	O&M	FY 15	597
Safety Equipment	O&M	FY 15	5
Security Equipment	O&M	FY 15	40

1. COMPONENT								2. Da	te	
DoDEA	FY 2013	MILITARY	COI	NSTRU	JCTION	N PRO	GRAM		Februar	y 2012
3. Installation and Location				4. COMMAND					5. AREA CONSTRUC- TION COST INDEX	
CFAS, Sasebo, Japan				DoDEA					1.49	_
6. PERSONNEL STRENGTH		ERMANENT ENLISTED CIVILIA			STUDENTS ENLISTED			SUPPORT ENLISTED	CIVILIAN	TOTAL
	OFFICER	ENLISTED CIVILIA	AN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL
a. AS OF 30 SEP 2011						250				250
b. END FY 2015						250				250
7. INVENTORY DATA (\$000)								•	•	•
INVENTORY TOTAL AS OF AUTHORIZATION NOT YET IN AUTHORIZATION REQUESTE AUTHORIZATION INCLUDED I PLANNED IN NEXT THREE PE REMAINING DEFICIENCY GRAND TOTAL	INVENTORY D IN THIS PRO N FOLLOWING	OGRAM G PROGRAM					. (0 35,733 (0 (0) 3))		
8. PROJECTS REQUESTED II	N THIS PROGE	RAM								
CATEGORY <u>CODE</u>		OJECT TITLE		SC	OPE	COS (\$000		DESIGN START		STATUS COMPLETE
73061	Replace	Elementary School	ol	61,728	SF	35,733		Oct 11		Jun 15
9. FUTURE PROJECTS				· ·					l .	
 a. INCLUDED IN FOLLOWING None b. PLANNED IN NEXT THREE FY15 Replace High School 	YEARS	asebo, Japan								
10. MISSION OR MAJOR FUNG Military Dependent Edu										

None

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

1. COMPONENT DoDEA	FY 2013 MILITARY CON	NSTRUC'	TION P	ROJECT D	ATA	2. Date February 2012
3. INSTALLATION AND LOCATION				JECT TITL	E:	1
CFAS, Sasebo, Japan				lace Sasebo	Elementary Scho	ool
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PRO.	JECT N	JMBER	8. PROJECT C	OST (\$000)
	73061		PA0002	21	\$	35,733
	9. COST E	STIMAT	ΓES			
	Item		U/M	Quantity	Unit Cos	t Cost (\$000)
Elementary School LEED & EPACT Compliance Antiterrorism (ATFP) Measures Special Costs (Temporary Facilities) Special Costs (Communication System)				61,728 1 1 1 1	260 - - - - -	21,527 (16,049) (979) (378) (3,996) (125)
Supporting Facilities Special Construction Feat Canopies Electrical Utilities Water/Sewer Utilities Mechanical Utilities Site Preparation Roads, Sidewalks and Par Site Improvements AT/FP Demolition Low Impact Development Environmental Mitigation	tures rking t		LS LS LS LS LS LS LS LS LS LS	1 1 1 1 1 1 1 1 26,631 1	- - - - - - - 26	TOTAL 10,130 (2,512) (340) (821) (361) (62) (727) (637) (1,818) (383) (692) (337) (1,440)

ESTIMATED CONTRACT COST (sum of subtotal and contingency)

CONTINGENCY PERCENT (5.0%)

SUBTOTAL

2,161 SUPERVISION & ADMINISTRATION (6.5%) 332 ENGINEERING DURING CONSTRUCTION (1%) 35,733

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

This project is to construct a new, three story Elementary School (ES) composed of reinforced concrete and/or steel with a pile foundation system and Exterior Finish System (EFS) will be applied on exterior concrete walls. Roofing system shall be metal roof for sloped roofs and fluid applied waterproof coating system for flat roofs. Exterior doors and windows will be aluminum. The interior construction will primarily consist of partition and/or reinforced concrete walls with resilient flooring or as required to meet functional requirements. Direct or indirect light fixtures will be

TOTAL REQUEST

31,657

1,583

33,240

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA				2. Date February 2012
3. INSTALLATION AND LOCATION 4. PROJECT TITLE:					
CFAS, Sasebo, Japan	an Replace Sasebo Elementary Scho			Elementary Scho	ol
5. PROGRAM ELEMEN	VΤ	6. CATEGORY CODE	7. PROJECT NUMBER 8. PROJECT CO		OST (\$000)
		73061	PA00021 \$:		5,733

provided in the classrooms and office spaces. Bi-level lighting controls will be provided in the classrooms. The project includes site improvements such as asphaltic concrete paving, sidewalks, covered walkway, curbs, gutters, storm drainage, parking, parent drop off and pick-up area, bus drop off and pick-up area, loading/unloading area, playground and storage, play courts, play lots, signage, fencing, landscaping, fire lane/service road, and site/security lighting. Interior spaces include: Neighborhoods, Pre-K/SureStart studios, kindergarten studios, common spaces, special education areas, music room, P.E./assembly area/stage, cafeteria with kitchen, compensatory education classroom, emotionally impaired/learning impaired mild/moderate, gifted education, Preschool Children with Disabilities (PSCD), special education office suite, speech language therapy and other required areas for a fully functioning ES. AT/FP features include: glazing and window system, exterior doors, air intakes, structural isolation, roof access, emergency air distribution shutoff, and Mass Notification System. Site AT/FP features include drop arm gate and retractable bollards with concrete foundations or other comparable features. Progressive collapse prevention will be required due to the fact that it will be a 3 story structure. Due to land restraints at CFA Sasebo and the project site, a portion of the Elementary School Building cannot be provided with conventional standoff distances of 45 meters to the controlled perimeter at the east end of the project site, as required for Primary Gathering Facilities. Standoff distance to parking and roadways, meets the required 25 meters (82 ft) for Primary Gathering Facilities. With the reduced standoff to the controlled perimeter, special design provisions will be required for portions of the building inside the 45 meter standoff based on Paragraph B-1.1, of UFC 4-010-01. These provisions will include analysis of building hardening and hardening of the new structure as necessary to mitigate the effects of the explosives indicated in Table B-1 of UFC 4-010-01. Building analysis for hardening will be required during the design stage. Special provisions for: bay size, height between floors, wall thickness, layers of reinforcing steel, column size, roof slab thickness, beam/girder size and window size will need to be considered.

The project includes related infrastructure utilities including water, sewer, and electrical, to support the facilities. Heating and air conditioning, fire sprinkler and fire alarm/mass notification systems, closed circuit TV system, cable TV system, intercom/public address system, clock-bell system, telephone system, and a local area network system will be part of the project. The school will incorporate advanced communication systems to support technology program requirements, as well as general communications. The heating and air conditioning system shall be a high efficiency for maximum energy savings to meet LEED and EPACT requirements. The kitchen space will be supported with kitchen hood ventilation, grease interceptor system, and hot water heating. Hot water heating will be provided by a high efficiency heat pump hot water heating system supplemented with solar hot water heating. The kitchen space will be supported with kitchen hood ventilation, kitchen hood fire suppression system, grease interceptor system, and hot water heating.

A plaza which runs below a portion of the upper floor of the new Elementary School Building will be required to access the existing High School, due to the new location of the new Elementary School Building, which will block primary access to the High School. The plaza which runs below the new building shall not count against new Elementary School square footage.

Existing School Building 1425 (23,769 SF) is to be demolished as part of this project along with the tennis courts (2), a playground and other miscellaneous site elements to clear site for the new school facilities. Relocation of portions of the existing utilities will be required to accommodate new facilities.

Existing network server and control panels (which support the entire school campus), existing integrated school systems (personnel emergency alerting system, master clock system, program bell/PA system, fire alarm system and mass notification system), all housed in Building 1425 must be relocated to Building 1665 to maintain and support entire campus operations (elementary, middle and high school) prior to Building 1425 being demolished. New telecommunication infrastructures will be provided from the existing manholes located near the project site to the new Elementary School and to Building 1665. A temporary facility shall also be provided with the integrated school systems. Provide necessary infrastructures and wiring modifications to relocate the network server and integrated school systems from Building 1425 to Building 1665. Due to marginal soil conditions, which show that bedrock

1. COMPONENT DoDEA		FY 2013 MILITARY CONSTRUCTION PROJECT DATA				2. Date February 2012
3. INSTALLATION AND LOCATION 4. PROJECT TITLE:						
CFAS, Sasebo, Japan				Replace Sasebo Elementary School		
5. PROGRAM ELEMEN	Т	6. CATEGORY CODE	7. PROJECT NUMBER 8. PROJECT CO		8. PROJECT CO	OST (\$000)
		73061	PA00021		\$3	5,733

(bearing layer) is distributed between the depths ranging from 1m to 6m deep, pile foundations are required. The pile foundations system will consist of piles bearing onbedrock less than 6 meters (21 feet) below grade. Pile caps interconnected by grade beams will be used to support the building columns, walls and floor.

U.S Federal and Japanese Environmental Laws and Regulations shall be followed. During the site removal and restorations, Japan environmental governing standards will be followed. Projects shall also include environmental mitigation, possibly for Asbestos Contaminated Material (ACM) and Lead Based Paint (LBP) for the structures that are to be demolished and removed. This may include but not be limited to Building 1425 with its associated structures and the existing steam lines.

The project will require temporary facilities to replace critical functions for existing Building 1425 which will require demolition prior to construction of the Elementary School Building. Temporary facilities shall be complete and functional facilities able to conduct elementary school functions during construction. The temporary facility shall be fully equipped with required systems, such as program bell, master clock, personnel emergency alerting system (peas), fire alarm and mass notification systems. Network connectivity should be provided between the temporary facility and the school server.

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

Facilities will be designed in accordance with DoDEA 21st Century Education Facilities Specifications, Americans with Disabilities Act (ADA) Accessibility Guidelines/Architectural Barriers Act (ABA), National Fire Protection Association (NFPA) Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, energy and water conservation standards.

Air Conditioning: Load: 410 kW (120 Tons)

11. REQUIREMENT: 61,728 SF ADQT: 0 SUBSTD: 42,650 SF

PROJECT:

Replace the existing Elementary School facility by constructing a new Elementary School.

REQUIREMENT:

The new school is required to provide adequate academic facilities to accommodate 250 students, Pre-K through 6th grade and support present curriculums selected for that age group.

CURRENT SITUATION:

The primary building used by Sasebo Elementary School is Building 1425, which was built in 1978 under the Japanese Facilities Improvement Program and does not meet 21st Century Education Facilities Specifications. The building is a one story building constructed out steel and concrete. There have been several renovations to the school since its original construction, with the last major renovation in 2002.

The other building which houses elementary school functions is Building 502, which was constructed in 1930's. Building 502 houses a variety of functions including the High School, Elementary School and Youth Center, and was

1. COMPONENT DoDEA		FY 2013 MILITARY CONSTRUCTION PROJECT DATA				2. Date February 2012
3. INSTALLATION AND LOCATION 4. PROJECT TITLE:						
CFAS, Sasebo, Japan				Replace Sasebo Elementary School		
5. PROGRAM ELEMEN	ΙΤ	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	OST (\$000)
		73061	PA00021 \$3		5,733	

not designed for an Elementary School. The building is 40 feet by 190 foot, a four story concrete structure. Since the building's inception, there have been numerous renovations including a renovation of the first floor completed in 2001. Building 1425 and 502 are separated by a public access road, thus students must cross the public street (Kentucky Way), in order to circulate between various school activities, thus, creating a very dangerous situation. Both buildings are outdated and do not conform to DoDEA Education Specification requirements. Classrooms in Building 1425 and 502 are rated Q3 and Q4 respectively under the DoDEA facility condition report, which means they are deemed unsatisfactory under the current guidelines. Despite its numerous renovations, both buildings do not meet current Code and criteria.

IMPACT IF NOT PROVIDED:

Current facilities do not support the current curriculum requirements, thus adversely affecting the delivery of cutting edge education programs, such as computer instruction, language arts, gifted education, music instruction and fine arts. If this school is not replaced, the educational programs will continue to be detrimentally impacted by facility limitations. The continued use of inadequate and undersized facility will continue to impair the overall education program for students. If new facilities are not provided, the substandard environment will continue to hamper student education, motivation, and inspiration. The current facility will not be able to support 21st Century Curriculum and DoD's energy savings and sustainability initiatives. Yearly maintenance and utility costs will continue to compound and interrupt school operations.

The current facilities are undersized, do not meet the functional teaching space requirements and therefore are not suitable for the programs they serve. The Technology Plan cannot be fully implemented at the school due to a lack of space for adequate computer spaces. The existing HVAC equipment is at the end of its life expectancy and should be replaced. Plumbing fixtures in the restrooms are stained and should be repaired. The existing facility also does not conform to DoD criteria. Multiple buildings do not meet AT/FP requirements. The existing facilities do not meet NFPA Life Safety Code or American with Disability Act (ADA) requirements. These deficiencies are costly to rectify and the consolidation of multiple buildings into several modern facilities will result in significant annual cost savings. Building 1425 is currently a Q3 rating and will diminish greatly over the next few years. Outdated, failing, and in need of repair/replacement are exterior doors, plumbing fixtures, windows, electrical, and fire alarm. Building 502 is currently a Q4 rating and also will diminish in quality over the next few years if major and costly repairs are not completed. The electrical, HVAC, interior doors, toilet partitions, lighting, and plumbing fixtures.

ADDITIONAL:

This project has been coordinated with the installation physical security plan and all required AT/FP measures are included.

Economic Alternatives:

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

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.

DODEA POC: (703) 588-3509

12. Supplemental Data:

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA 2. Date February 2012						
3. INSTALLATION AN	D LOCA	ΓΙΟΝ		4. PROJECT TITLE:			
CFAS, Sasebo, Japan	l			Replace Sasebo Elementary School			
5. PROGRAM ELEMEN	NT	6. CATEGORY CODE	7. PRO	JECT NUMBER 8. PROJECT COST (\$000)			
		73061		PA00021	\$33	5,733	
Site Approval: Yes	pproval: Yes Obtained Date:						
No	X	Expected Date: December	2011				
Issues: a. DDESAB, AICUZ, Airfield, EMR, or wetlands, no issue b. Endangered species/sensitive habitat, no issue c. Air quality, no issue d. Cultural/archeological resources, no issue e. Clearing of trees, no issue f. Known contamination at selected site, may encounter selected site hazardous materials consisting of ACM and PCB g. Operational problems, no issue h. Traffic patterns impact, bus route may be altered i. Existing utilities upgrade, existing utilities are inadequate requiring upgrades, existing electrical and communications utility lines serving other areas are located on the project site and may have to be altered. j. Ordnance sweep required prior to construction, no issue							
Planning: Consistent with Install Host Nation Approval: NEPA Documentation	: Country	, No					
foundation bearing on (bearing layer) is distri	No vater –No site is pri bedrock ibuted be		d. Recor m 1m to	d drawings of exist 6 drawings 6 draw	sting site shows t	hat bedrock	
(c) Percent of (d) Expected 2 (e) 100% Des (f) Type of D (2) Basis: (a) Standard c (b) Date Design (3) Total Design	art Date c Cost Es Design (35% Des Sign Com Design Co D	tive Design - (YES/NO) Most Recently Used =(a)+(b) OR (d)+(e): s and Specifications	ts		Ye 0% Fe	6 eb 2012 et 2012	

1. COMPONENT DoDEA	FY 2013 MILITARY CO	DATA	2. Date February 2012				
3. INSTALLATION AND LO	CATION	ΓLE:					
CFAS, Sasebo, Japan		Replace Sase	Replace Sasebo Elementary School				
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000) \$35,733				
	73061	PA00021					
(c) Total Design C (d) Contract (e) In-house (4) Construction Con (5) Construction Star (6) Construction Con	tract Award Date t Date		\$2,764 \$2,430 \$335 Feb 2013 Apr 2013 Jun 2015				
B. Equipment associated wi	ith this project which will be p		riations:				
Equipment Nomenclature Furnishings Kitchen IT Education Supplies Safety Equipment Security Equipment	Procuring Appropriation O&M O&M O&M O&M O&M O&M O&M O&M O&M	Fiscal Year Appropriated Or Requested FY 15	Cost (\$000) 288 30 457 100 5 40				

1. COMPONENT									2. Da	te		
DoDEA	F۱	Y 20 13	MILITA	RY CO	NSTR	JCTIOI	N PRO	GRAM	2. 54	Februar	y 2012	
										-		
3. Installation and Location				4. COM	MAND				EA CONST ON COST I			
Zukeran (Camp Foster), Japan				DoDEA					1.51			
6. PERSONNEL STRENGTH PERMANENT			NT I		STUDENT	S	5	SUPPORTED				
		OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL	
a. AS OF 30 SEP 2011							510				510	
b. END FY 2015							602				602	
7. INVENTORY DATA (\$000))											
TOTAL ACREAGE	IN INVI FED IN D IN FO	ENTORY THIS PRO DLLOWING RAM YEAR	OGRAM G PROGRA	AM				0 \$79,036 0 0 0				
0 DDO IFOTO DEOLIFOTE	NINI TI I	IC DDOCE	2004									
8. PROJECTS REQUESTED CATEGORY	חו אוו ל	15 PROGR	KAIVI				COS	Т	DESIGN		STATUS	
CODE		PROJECT TITLE		<u>TLE</u>	<u>SCOPE</u> (\$000)		<u>))</u>	START		OMPLETE		
73061	F	Replace Zukeran Elementary Schoo		entary School	143,	143,486 SF 79,03		36	Sep 10		Jun 15	
9. FUTURE PROJECTS												
a. INCLUDED IN FOLLOWI None b. PLANNED IN NEXT THR None 10. MISSION OR MAJOR FU Military Dependent E	EE YEA	ARS NS										
11. OUTSTANDING POLLUT	ION AN	ND SAFET	Y DEFICIE	ENCIES:								

1. COMPONENT							2. Date			
1. COMPONENT DoDEA	1. COMPONENT DeDEA EN 2012 MH ITA DV CONSTRUCTION PROJECT DATA									
DoDEA FY 2013 MILITARY CONSTRUCTION PROJECT DATA							February 2012			
3. INSTALLATION AND LOCATION					4. PROJECT TITLE:					
Zukeran (Camp Foster), Japan				Replace Zukeran Elementary School						
Zukeran (Camp Foster), Japan					Replace Zukeran Elementary School					
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PRO					UMBER	OST (\$000)				
73061					30	\$79,036				
	0. COST E	TEC								
		9. COST E								
		Item		U/M	Quantity	Unit Cost	· /			
PRIMARY FACILITY							41,829			
Elementary Schoo				SF	143,486	(270)	(38,741)			
LEED & EPACT	Complia	nce		LS	1	-	(3,088)			
SUPPORTING FAC				T G			28,192			
Special Foundation	n Feature	es		LS	1	-	(6,604)			
Canopies				LS	1	-	(725)			
Electrical Utilities				LS	1	=	(1,951)			
Water/Sewer				LS	1	-	(533)			
Site Preparation	P. Daulain	_		LS	1	-	(3699)			
Roads Sidewalks		g		LS 1 LS 1		-	(1100)			
Site Improvements AT/FP	5			LS 1		-	(4,976)			
Communication (S	lita)			LS	1	-	(589) (1,022)			
Low Impact Devel				LS	1	=	(857)			
Demolition	оршеш			SF	85,981	(38)	(3,309)			
Environmental Mi	tigation			LS	1	(36)	(2,827)			
Liiviioiiiiiciitai ivii	uganon			LS	1		(2,027)			
SUBTOTAL							70,021			
SOLIGINE							7 0,021			
COMPINICENCY DED CENTE (50/)							2.501			
CONTINGENCY PERCENT (5%)							3,501			
ESTIMATED CONTRACT COST							73,522			
SUPERVISION & ADMINISTATION (6.5%)							4,779			
		,					.,			
ENGINEERING DURING CONSTRUCTION (1%)							725			
ENGINEERING DURING CONSTRUCTION (1%)							735			
TOTAL PROJECT COST							79,036			

Construct a multiple story Elementary School (ES) composed of a pile foundation system with reinforced concrete walls, floors and roof system, . Exterior Finish System (EFS) will be applied on exterior concrete walls. Roofing system shall be fluid applied waterproof coating system for flat and sloped roofs. Exterior doors and windows will be aluminum. The interior construction will primarily consist of partition and/or reinforced concrete walls with resilient flooring or as required to meet functional requirements. Interior spaces include: Neighborhoods, Pre-K/SureStart studios, kindergarten studios, common areas, Host Nation classroom, special education areas, art classroom, music room, flex labs, gymnasium, assembly area with stage, cafeteria with full service kitchen, specialists' rooms, information center, and supply/storage rooms and other required areas for a fully functioning ES. AT/FP features

1. COMPONENT DoDEA		FY 2013 MILITARY CONSTRUCTION PROJECT DATA						
3. INSTALLATION AN	D LOCA	TION	4. PROJECT TITLE:					
Zukeran (Camp Foste	er), Japan			Replace Zukera	n Elementary Sch	ool		
5. PROGRAM ELEMEN	lΤ	6. CATEGORY CODE	7. PRO	OJECT NUMBER 8. PROJECT COST (\$000)				
		73061	PA00030 \$79			9,036		

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

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

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

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

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

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

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

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

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

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

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

1. COMPONENT DoDEA		FY 2013 MILITARY CONSTRUCTION PROJECT DATA					
3. INSTALLATION AN	ND LOCATION 4. PROJECT TITLE:						
Zukeran (Camp Foster), Japan Replace Zukeran Elementary Sch						ool	
5. PROGRAM ELEMEN	VΤ	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	OST (\$000)	
		73061		PA00030	9,036		
11 REQUIREMENT: 143 486 SF ADOT SF: 0 SUBSTD SF: 96 293 SF							

PROJECT:

Replace the existing Elementary School facility by constructing a new Elementary School.

REQUIREMENT:

A new elementary school is required to provide adequate academic facilities 602 students, Pre-K through 5th grade and support present curriculums selected for that age group.

CURRENT SITUATION:

The Elementary School was built in 1954 and is in poor condition and does not meet 21st Century Education Facilities Specifications. The combined Extended Facilities Condition Index (EFCI -- current facility maintenance or repair requirement/replacement cost) is 46%, and will steadily increase overtime. The accepted practice within the assessment field is to consider replacing rather than repairing a building within the index approaches 75% range. There have been several additions to the school since its original construction, with the last addition being temporary classrooms in 1994. The temporary classroom facilities are undersized, do not meet the functional teaching space requirements and therefore are not suitable for the programs they serve. Multiple buildings do not meet AT/FP requirements. The existing facilities do not meet NFPA Life Safety Code or American with Disability Act (ADA) requirements. These deficiencies are costly to rectify and the consolidation of multiple buildings into one modern facility will result in significant annual cost savings.

The DoDEA Technology Plan cannot be fully implemented at Zukeran Elementary School due to a lack of space for adequate computer spaces. The current computer laboratories are too small and not equipped with the proper electrical capacities. This school was built under the Japanese Facilities Improvement Program in 1984 and therefore, it does not have the current electrical infrastructure to support the computer and electronic requirements of the 21th century. The existing HVAC equipment is at the end of its life expectancy and should be replaced. Plumbing fixtures in the restrooms are stained and in need of repair. Majority of the classrooms at the school do not meet DoDEA Education Specifications.

IMPACT IF NOT PROVIDED:

Current facilities are not designed to support the current curriculum requirements, thus adversely affecting the delivery of cutting edge education programs, such as computer instruction, language arts, gifted education, music instruction and fine arts. The facility sustainment budget will continue to be stressed to keep the facilities operating at a minimum level of acceptance. If this school is not replaced, the educational programs will continue to be detrimentally impacted by facility limitations. As the enrollment for the school is projected to increase over the next fiscal year, the current facility will not be able to accommodate the population except by providing additional temporary facilities. Indoor air quality conditions will continue to worsen with time.

The students will not receive the same educational environment afforded to students at other DoDEA Pacific school districts. The quality of the school is poor with a rating of Q4, and maintenance and repair costs exceed budgeted allowances. The costs in order to minimally keep the school operating due to the current condition will not allow for needed upgrades and necessary repairs.

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.

Economic Alternatives:

1. COMPONENT DoDEA		FY 2013 MILITARY CONSTRUCTION PROJECT DATA 2. Date February 2012								
3. INSTALLATION AN	D LOCA	TION		4. PROJECT TITL	E:					
Zukeran (Camp Foste	er), Japan			Replace Zukera	n Elementary Scho	ool				
5. PROGRAM ELEMEN	ЛТ	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	OST (\$000)				
	73061 PA00030 \$ 79,036									
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 project can be used by other components on an "as available" basis; however, the scope of the project is based on DoDEA requirements.										
DODEA POC: (703)	588-3509	9								
12. Supplemental Data	a:									
Site Approval: Yes	X	Obtained Date: June 2010								
No		Expected Date:								
b. Endangered species/ c. Air quality, no issue d. Cultural/archeologic e. Clearing of trees, no f. Known contamination g. Operational problem h. Traffic patterns importion. i. Existing utilities upgutility lines serving other	/sensitive cal resou o issue on at selens, no iss act, no is grade, ex-	rces, may be present on site ected site, may encounter selected	requirin	g upgrades, existir ay have to be altere	ng electrical and					
Planning: Consistent with Install Host Nation Approval: NEPA Documentation	: Japan, l	No								
b. Hazardous Waste – No. Contaminated soil/wd. Soils – The project sis assumed that pile for	 a. Wetlands replacement/enhancement –No b. Hazardous Waste –No c. Contaminated soil/water –No d. Soils – The project site has found that bedrock (bearing layer) is distributed between the depth from 20m to 15m. It is assumed that pile foundations are required for new primary buildings. e. Technical Operating Manuals (manuals as required for Host Nation personnel who will maintain operational 									
	art Date c Cost Es Design 35% Design Com	pletion Date	ts		Y	% eb 2012 .n 2013				

1. COMPONENT DoDEA	F	Y 2013 MILITARY CO	NSTRUCTION PROJEC	T DATA	2. Date February 2012	
3. INSTALLATION AN	D LOCATION	N	4. PROJECT T	TITLE:		
Zukeran (Camp Foste	r), Japan		Replace Zu	keran Elementary S	chool	
5. PROGRAM ELEMEN	VT 6. 0	CATEGORY CODE	7. PROJECT NUMBER	R 8. PROJECT	COST (\$000)	
		73061	PA00030		\$79,036	
		Design - (YES/NO) Recently Used			NO N/A	
 (3) Total Design (a) Production (b) All Other (c) Total Desi (d) Contract (e) In-house (4) Construction (5) Construction (6) Construction 	n of Plans an Design Costs gn Cost Contract Av Start Date	d Specifications		Ma	\$5,920 \$5,180 \$740 pr 2013 ay 2013 un 2015	
B. Equipment associate	ed with this p	project which will be pr	ovided from other appro	priations:		
Equipment Nomenclature Furnishings Kitchen IT Education Supplies Safety Equipment Security Equipment	<u>App</u> () () () ()	euring ropriation 0&M 0&M 0&M 0&M 0&M	Fiscal Year Appropriated Or Requested FY 15	Cost (\$000) 690 3 470 36 5 40		

1. COMPONENT									2. Date	е		
DoDEA	FY	2013	MILITA	ARY CC	NSTR	UCTION	N PRO	GRAM		February	y 2012	
3. Installation and Location					4. COM	MAND			5. AREA CONSTRUC- TION COST INDEX			
CAMP ZAMA, JAPAN					Dol	DEA		1.51				
6. PERSONNEL STRENGTH			ERMANEN		STUDENTS		 	UPPORTE	1			
		OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL	
a. AS OF 30 SEP 2011							479				479	
b. END FY 2015							500		500			
7. INVENTORY DATA (\$000)												
TOTAL ACREAGE	IN INVE	ENTORY THIS PRO LLOWING AM YEAR	GRAM PROGRA	AM				. 0 . 0 . 13,273 . 0 . 0				
8. PROJECTS REQUESTED	IN THI	S PROGR	AM									
CATEGORY							COS	Т	DESIGN		STATUS	
<u>CODE</u>		PRO	OJECT TI	<u>rle</u>	SC	<u>OPE</u>	<u>(\$000</u>	<u>))</u>	<u>START</u>	<u>C</u>	<u>OMPLETE</u>	
73046		Renovate	Zama Hiç	gh School	80,2	80,220 SF 13,		3	Oct 11		Aug 15	
9. FUTURE PROJECTS								I				
a. INCLUDED IN FOLLOWIN None	NG PRO	OGRAM										
b. PLANNED IN NEXT THRE None	EE YEA	RS										
10. MISSION OR MAJOR FUI Military Dependent Ed												
11. OUTSTANDING POLLUT None	ION AN	D SAFET	Y DEFICIE	ENCIES:								

1. COMPONENT DoDEA		FY 2013 MILITARY CONSTRUCTION PROJECT DATA 2. Da Febr							
3. INSTALLATION AN	D LOCA	TION		4. PRO	JECT TITLE:				
Camp Zama, Japan			Renovate Zama High School						
5. PROGRAM ELEMEN	NT	6. CATEGORY CODE	7. PRC	JECT NI	UMBER 8	B. PROJECT COS	T (\$000)		
		73046		PA0002	28	13,273			
		9. COST E	ESTIMA'	TES	l		_		
		Quantity	Unit Cost	Cost (\$000)					

Item	U/M	Quantity	Unit Cost	Cost (\$000)
PRIMARY FACILITIES RENOVATION SPECIAL COSTS (TEMPORARY FACILITIES)	SF LS	80,220	130.85	10,949 (10,497) (452)
SUPPORTING FACILITIES SITE IMPROVEMENTS ROADS, SIDEWALKS AND PARKING	LS LS			810 (224) (586)
SUBTOTAL CONTINGENCY PERCENT (5%) ESTIMATED CONTRACT COST SUPERVISION, INSPECTION & OVERHEAD (6.5%) ENGINEERING DURING CONSTRUCTION(1%) TOTAL REQUEST				11,759 <u>588</u> 12,347 802 <u>124</u> 13,273

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Renovate the existing high school building 906 and existing middle school buildings 912 and 913 and improve site conditions to meet ABA, parking requirements, and AT/FP standards. The school will incorporate advanced communication systems to support technology program requirements, as well as general communications. The project includes site work such as signage and paving.

The project includes related infrastructure such as utilities, parking areas, and bus loading/unloading areas. The project will not require demolition of any buildings.

The use of temporary classroom facilities will be used to accommodate the renovation of buildings while school is in session.

Sustainable principles will be maximized in the design, development and construction of the project in accordance with Executive Order 13123 and other applicable laws and executive orders. Energy conservation and environmentally safe measures will be incorporated in this project wherever feasible, practical or required by regulation. Energy and natural resource conservation measures will be maximized in the design to the extent possible. In accordance with Leadership in Energy and Environmental Design (LEED) for Schools, Silver certifiable will be the minimum goal of the project. Facilities will be designed in accordance with DoDEA Education Facilities Specifications, Americans with Disabilities Act (ADA), Accessibility Guidelines/Architectural Barriers Act (ABA), National Fire Protection Association (NFPA) Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, energy and water conservation standards, and U.S. Federal and Japanese environmental laws and regulations.

Air Conditioning Load: 100 tons

1. COMPONENT DoDEA		FY 2013 MILITARY CON	STRUC	TION PROJECT D	OATA	2. Date February 2012				
3. INSTALLATION AND	LOCA'	TION		4. PROJECT TITL	E:					
Camp Zama, Japan				Renovate Zama	High School					
5. PROGRAM ELEMENT	,	6. CATEGORY CODE	7. PRC	JECT NUMBER	8. PROJECT CO	OST (\$000)				
		73046		PA00028	13	3,273				
11. REQUIREMENT: 80,220 ADQT: 0 SUBSTD: 80,220										
PROJECT: Renovate the existing high school and middle school.										
<u>REQUIREMENT:</u> The renovated schools are required to provide adequate academic facilities to accommodate 500 students, 7th through 12th grade and support present curriculums selected for that age group.										
<u>CURRENT SITUATION:</u> The existing facilities are in poor condition and do not meet 21 st Century Education Facilities Specifications. The majority of the school buildings being renovated are greater than 21 years old. Existing classroom and education spaces have inadequate infrastructure. Aging utility infrastructure systems result in excessive maintenance costs. Most infrastructure components, such as HVAC, electrical and plumbing, have exceeded their useful life. There are numerous NFPA Life Safety and ADA code deficiencies, no fire suppression systems, and poor indoor air quality. Numerous maintenance and repair problems have developed and are becoming non-repairable. The existing facilities do not meet many of the AT/FP requirements.										
IMPACT IF NOT PROVIDED: The continued use of deficient, inadequate, and undersized will continue to impair the overall education program for students. If renovation is not performed, the substandard environment will continue to hamper the educational process. Yearly maintenance and utility costs will continue to run high and the school will continue to struggle performing their mission in a limited capacity due to the inadequate facilities.										
ADDITIONAL: This project has been co-	ordinat	ted with the installation physi	ical secu	urity plans and AT	FP measures are	included.				
		onsidered during the developm onomic analysis was needed o			her option could	meet the mission				
JOINT USE CERTIFICATION This facility can be used on DoDEA requirements	by oth	N: ner components on an "as ava	ilable" l	pasis; however, the	e scope of the pro	ject is based				
DODEA POC: (703) 58	88-3509)								
12. Supplemental Data:										
Site Approval: Yes		Obtained Date:								
No	X	Expected Date: Jan 2012								
Issues: (state no issue or	explai	n the issue)								
		d, EMR, or wetlands – no iss	sue							
		ive habitat – no issue								
c. Air quality – no issud. Cultural/archeologic		ources – High sensitivity area	. but see	one is primarily int	erior of building	s				
e. Clearing of trees – n			, car so	25 12 Simming III	or or orname	~				
f. Known contamination	on at s	elected site – no issue								
g. Operational problemh. Traffic patterns imp		issue ghtly constrained site will rec	quire m	uch coordination w	ith the garrison					

4 601 (001 (011)				Tan					
1. COMPONENT DoDEA	FY 2013 MILITARY	CONSTRUCTION PROJECT	CT DATA	2. Date February 2012					
				3					
3. INSTALLATION AND LC	CATION	4. PROJECT							
Camp Zama, Japan		Renovate 2	Zama High School						
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBE	R 8. PROJECT	COST (\$000)					
	73046	PA00028		13,273					
i. Existing utilities upgraj. Ordnance sweep requir	de – no issue red prior to construction – n	no issue	L						
Planning: Consistent with Installation	Master Plan: Y								
Host Nation Approval: Cou	intry, date of approval if ap	plicable –							
NEPA Documentation Complete: N Level of NEPA: CATEX Mitigation Issues: a. Wetlands replacement/enhancement –N b. Hazardous Waste – N c. Contaminated soil/water – N d. Other – N									
A. Design Data (Estimated): (1) Status: (a) Design Start Date (b) Parametric Cost Estimate Used to Develop Costs (c) Percent of Design Completed as of 1 Jan 201_ (d) Expected 35% Design Date (e) 100% Design Completion Date (f) Type of Design Contract: Oct 2011 Ook No Feb 2012 Jan 2013 Design/Bid/Build									
* *	finitive Design - (YES/NO as Most Recently Used)		NO N/A					
(a) Production of I	t (c)=(a)+(b) OR (d)+(e): Plans and Specifications								
(b) All Other Design Costs (c) Total Design Cost \$2,000 (d) Contract \$1,500 (e) In-house \$500 (4) Construction Contract Award Date Apr 2013 (5) Construction Start Date May 2013 (6) Construction Completion Date Aug 2015									
B. Equipment associated w	ith this project which will b		opriations:						
Equipment Nomenclature Furnishings IT Kitchen Education Supplies Safety Equipment	Procuring Appropriation O&M O&M O&M O&M O&M O&M	Fiscal Year Appropriated Or Requested 2013 2015 2015 2015 2015	Cost (\$000) 575 447 30 100 5						
Security Equipment	O&M	2015	40						

1. COMPONENT									2. Dat	е	
DoDEA	F۱	FY 2013 MILITARY CONSTRUCTION PROGRAM								February 2012	
3. Installation and Location					4. COMMAND					5. AREA CONSTRUC- TION COST INDEX	
OSAN AIR BASE, R	EPUB	LIC OF	KOREA		DoDEA					1.04	
6. PERSONNEL STRENGTH			ERMANEN		+	STUDENT		<u> </u>	UPPORTE	1	
		OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL
a. AS OF 30 SEP 2011							427				427
b. END FY 2015	600								600		
7. INVENTORY DATA (\$000)										
TOTAL ACREAGE								0			
INVENTORY TOTAL AS OF								. 0			
AUTHORIZATION NOT YET	IN INV	ENTORY						. 0			
AUTHORIZATION REQUES	TED IN	THIS PRO	GRAM					. 42,692			
AUTHORIZATION INCLUDE	D IN FO	OLLOWING	G PROGRA	M				. 0			
PLANNED IN NEXT THREE	PROG	RAM YEAF	RS					. 0			
REMAINING DEFICIENCY								0			
GRAND TOTAL								. 42,692			
8. PROJECTS REQUESTER	HŢ NI C	IS PROGF	RAM								
CATEGORY CODE		PR	OJECT TIT	T E	90	COPE	COS ¹ (\$000		DESIGN START		STATUS OMPLETE
							-	-			
730787		Replace	Elementar	y School	131,	458 SF	8 SF 42,692		Jan 12		Jul 15
9. FUTURE PROJECTS											
a INCLUDED IN FOLLOW!	NC DD	OCDAM									
a. INCLUDED IN FOLLOWI None	NG PK	OGRAM									
110110											
b. PLANNED IN NEXT THE	REE YE	ARS									
None											
10. MISSION OR MAJOR FU	INICTIO	NC									
Military Dependent E											
William J Doportuoni 1	-uuou.	.011									
11. OUTSTANDING POLLU	TION AI	ND SAFET	Y DEFICIE	NCIES:							
None											

1. COMPONENT DoDEA							2. Date February 2012
3. INSTALLATION ANI	D LOCA	TION		4. PRO	JECT TITL	E:	
OSAN AIR BASE, REPUBLIC OF KOREA					PLACE OS.	AN ELEMENTA	ARY SCHOOL
5. PROGRAM ELEMEN	6. CATEGORY CODE	7. PRC	JECT NU	JMBER	8. PROJECT C	OST (\$000)	
		730787		PA0002	20	2	12,692
		9. COST 1	ESTIMA'	ΓES			
		Item		U/M	Quantity	Unit Cos	t Cost (\$000)
PRIMARY FACILIT ELEMENTARY SO LEED AND FEDE AT/FP	CHOOL	NERGY ACTS COMPLIAN	NCE	SF LS LS	131,458	194.66	27,345 (25,590) (1,280) (475)
SUPPORTING FACILITIES SPECIAL CONSTRUCTION FEATURES CANOPIES ELECTRICAL UTILITIES WATER/SEWER UTILITIES SITE PREPARATION ROADS, SIDEWALKS AND PARKING SITE IMPROVEMENTS ATFP LOW IMPACT DEVELOPMENT							10477 (3,300) (580) (740) (380) (400) (574) (4,275) (69) (159)

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

SUPERVISION, INSPECTION & OVERHEAD (6.5%)

ENGINEERING DURING CONSTRUCTION(1%)

Construct a two story elementary school with a single story high bay area to include an auditorium and multipurpose room (gym/cafeteria). The facility will be composed of strategically located pre-stressed straight cylinder concrete piles with reinforced concrete caps, structural steel, reinforced concrete masonry unit (CMU) with brick veneer at the pedestrian level, cementious stucco finish system for the exterior envelope. The exterior walls are furred out with metal studs and full batt insulation. The roof system will consist of a flat roof single ply membrane and standing metal seam. Interior construction will consist of concrete masonry units, reinforced concrete, and gypsum wallboard for halls, classrooms, restrooms, mechanical rooms, meeting rooms, and counseling rooms; acoustical ceiling tiles with fluorescent lighting; flooring includes sheet rubber flooring, ceramic tile, poured flooring, carpet, and quarry tile. AT/FP measures include 18-inch curbs, a drop arm, and structural support for windows, doors, and frames. The project includes cabinets, counters, classroom sinks, storage closets, tack boards, whiteboards, coat racks/cubby units, heating and air conditioning, ventilation, plumbing, closed circuit TV system, cable TV system, intercom/public address system, clock-bell system, telephone system, and a local area network system. Interior spaces include general purpose classrooms, information center, computer lab, gymnasium with telescoping bleachers and a foldable partition, auditorium, cafeteria with serving lines, a food service area with built-in cafeteria equipment and a stage, library, supply areas, specialist rooms, art room, learning impaired room, teacher work rooms, counseling areas, storage, administrative offices for a fully functioning elementary school.

The project includes site improvements such as fencing, paving, landscaping, covered walkways, exterior lighting, utilities, playground systems, staff and visitor parking, internal site circulation for buses and POVs, service drive and

SUBTOTAL

TOTAL REQUEST

CONTINGENCY PERCENT (5%)

ESTIMATED CONTRACT COST

37,822

1,891

39,713

2.581

42,692 **42,692**

398

1. COMPONENT DoDEA		2. Date February 2012						
3. INSTALLATION AND	3. INSTALLATION AND LOCATION 4. PROJECT TITLE:							
OSAN AIR BASE, RI	EPUBLIO	C OF KOREA		REPLACE OSAN ELEMENTARY SCHOOL				
5. PROGRAM ELEMEN	Т	6. CATEGORY CODE	7. PRC	JECT NUMBER	8. PROJECT CO	OST (\$000)		
		730787		2,692				

delivery area.

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

Facilities will be designed in accordance with DoDEA 21st Century Education Facilities Specifications, Americans with Disabilities Act (ADA) Accessibility Guidelines/Architectural Barriers Act (ABA), National Fire Protection Association (NFPA) Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, and energy and water conservation standards.

Air Conditioning Load: 250 Tons

11. REQUIREMENT: 131,458 ADQT: 0 SF SUBSTD: 56,366 SF PROJECT:

Replace the existing Osan American Elementary School by constructing a new elementary school facility.

This project will provide a new consolidated elementary school building to replace two deteriorated and dysfunctional facilities and support facilities at Osan American Elementary School, Osan Air Base, Korea.

REQUIREMENT:

The new school is required to provide adequate academic facilities for 600 students in grades pre-kindergarten through fifth grade.

CURRENT SITUATION:

Osan American Elementary School is 29 years old and does not meet the DoDEA 21st Century Education Facilities Specifications. The current school consists of two buildings, building 251 and 252. Building 251 was built in 1982 and is approaching it's the life expectancy. The building is undersized, has no adequate playground or play fields, has limited capacity for assembly and is in disrepair due to aging systems. Building 252 is a temporary facility built in 1992 and is long past the five year temporary building requirement. The condition rating of the elementary school is Q-3, poor condition. The interior finishes are degraded, the HVAC and electrical systems are inefficient and do not comply with current energy mandates. The chiller is non-operational and has an interim replacement with a life expectancy of less than four years. The ceiling tiles in the hallway sweat due to moisture seeping into the building, causing mold. The temporary building has no covered walkways on the exterior of the building. Both buildings are prone to standing water and drainage issues around the building, creating freezing and flooding hazards. All systems to include structural, mechanical and electrical are in need of costly replacements which are expected to exceed the replacement costs of these buildings. The existing school facility does not meet current AT/FP criteria. Additionally, there are safety issues such as the school must block the only access road in order to get to play fields near the existing swimming pool, increasing the risk for potential incidents

IMPACT IF NOT PROVIDED:

If a new elementary school is not constructed, the students of Osan American Elementary School will continue to be exposed to a degrading facility and potential safety issues. The continued use of poor and undersized facilities will continue to impair the overall educational program for students. If new facilities are not provided, the substandard environment will continue to hamper student education, motivation, and inspiration. The current facility will not be able

1. COMPONENT DoDEA		FY 2013 MILITARY CON	STRUC	TION PROJECT D	ATA	2. Date February 2012			
3. INSTALLATION AN	D LOCA	TION		4. PROJECT TITL	E:				
OSAN AIR BASE, R	REPUBLIO	C OF KOREA		REPLACE OS	AN ELEMENTAI	RY SCHOOL			
5. PROGRAM ELEMEN	NT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	OST (\$000)			
		730787		PA00020	42	2,692			
utility costs will conting rating and will diminis mechanical, roof, and	nue to co sh greatly fire prote	culum and DoD's energy sav mpound and interrupt school over the next few years. Ou ection. DoDEA will not be ab I managed environment that f	operation tdated, followed to added	ons. Osan Element ailing, and in need equately fulfill its	tary School is cu of repair/replace mission and resp	rrently a Q3 ement are onsibility to			
	coordina	ted with the installation physi	ical secu	rity plans and all A	AT/FP measures	are included.			
All known alternatives	Economic Alternatives: All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.								
JOINT USE CERTIFI This facility can be use on DoDEA requirement	ed by oth	V: ner components on an "as ava	ilable" l	pasis; however, the	scope of the pro	oject is based			
DODEA POC: (703)	588-3509	9							
12. Supplemental Dat	a:								
Site Approval: Yes No	X	Obtained Date: Expected Date:							
b. Endangered species. c. Air quality, no issue d. Cultural/archeologic e. Clearing of trees, no f. Known contaminatio g. Operational problem h. Traffic patterns imp i. Existing utilities upg	Airfield, /sensitive or state cal resource or issue or on at selens, no issuect, no isgrade, no	EMR, or wetlands, no issue e habitat, no issue or state issue rees, no issue or state issue state issue exted site, no issue or state issue	ue	ssue					
Planning: Consistent with Install Host Nation Approval NEPA Documentation Level of NEPA: (pick	: Country Comple	y, NA							
Mitigation Issues: a. Wetlands replaceme b. Hazardous Waste – c. Contaminated soil/v d. Other – N	N	acement – N							

1. COMPONENT DoDEA]	FY 2013 MILITARY CO	ONSTRUC'	ΓΙΟΝ PROJECT Ι	DATA	2. Date February 2012		
3. INSTALLATION AN	D LOCATIO)N		4. PROJECT TITI	LE:			
OSAN AIR BASE, R	EPUBLIC O	F KOREA		REPLACE OS	OSAN ELEMENTARY SCHOOL			
5. PROGRAM ELEMEN	T 6.	CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT (COST (\$000)		
		730787		PA00020	42,692			
(c) Percent of (d) Expected (e) 100% Des (f) Type of D (2) Basis: (a) Standard (b) Date Design (3) Total Design	art Date c Cost Estin Design Co 35% Design ign Completesign Control or Definitive gn was Most Cost (c)=(a n of Plans a Design Cost gn Cost Contract A Start Date	etion Date act: Design - (YES/NO) at Recently Used a)+(b) OR (d)+(e): and Specifications ts ward Date			Fe J	Jan 2012 YES 5% MAY 2012 DEC 2012 Design/Bid/Build NO N/A \$4,269 \$2,561 \$1,708 eb 2013 ul 2013 ul 2015		
B. Equipment associate	ed with this	project which will be p			ations:			
Equipment Nomenclature Furnishings Kitchen IT Education Supplies Safety Equipment Security Equipment	<u>Ap</u>	propriation O&M O&M O&M O&M O&M O&M O&M O&M O&M	Fiscal Y Approp Or Req FY 15 FY 15 FY 15 FY 15 FY 15 FY 15	riated	Cost (\$000) 273 190 670 406 5 27			

1. COMPONENT								2. Date)	
DoDEA	FY 2013	MILITARY	COI	NSTR	UCTIO	N PRO	GRAM		Februar	y 2012
Installation and Location				4. COM	MAND				A CONST	
RAF Feltwell, United King	dom			Dol	DEA			1.3	N COST I 37	NDEX
6. PERSONNEL STRENGTH	-	PERMANENT			STUDENTS	1		SUPPORTE	D	
	OFFICER	ENLISTED CIVI	LIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL
a. AS OF 30 SEP 2011						362				362
b. END FY 2015						372				372
7. INVENTORY DATA (\$000)										
TOTAL ACREAGE							0			
INVENTORY TOTAL AS OF							0			
AUTHORIZATION NOT YET IN	INVENTORY.						0			
AUTHORIZATION REQUESTED	IN THIS PRO	OGRAM					30,811			
AUTHORIZATION INCLUDED I	N FOLLOWIN	G PROGRAM					0			
PLANNED IN NEXT THREE PR	OGRAM YEA	RS					0			
REMAINING DEFICIENCY							0			
GRAND TOTAL							30,81	1		
8. PROJECTS REQUESTED IN	I THIS PROG	RAM								
CATEGORY	ר	O IECT TITLE		00) ODE	COS		DESIGN		STATUS
<u>CODE</u>	Pr	ROJECT TITLE		<u>SC</u>	OPE	<u>(\$00</u>	<u>U)</u>	<u>START</u>		<u>OMPLETE</u>
730787	Addition t	o Feltwell Eleme	entary	72,7	732 SF	30,8	11	Feb 12		Jul 15
		School								
9. FUTURE PROJECTS	•			•	•				•	
a. INCLUDED IN FOLLOWING	PROGRAM									
None										
b. PLANNED IN NEXT THREE	YEARS									
None										
10. MISSION OR MAJOR FUNC	TIONS									
Military Dependent Edu										
11 OUTOTANDING DOLLUTIO	N	TV DEELOIENO:	FC:							
11. OUTSTANDING POLLUTIO None	N AND SAFE	I Y DEFICIENCI	E5:							

1. COMPONENT DoDEA							
3. INSTALLATION AN	D LOCA	TION		4. PRO	JECT TITL	E:	
RAF Feltwell, United Kingdom					well Elem	entary School A	ddition
5. PROGRAM ELEMEN	6. CATEGORY CODE	JECT NU	JMBER	8. PROJECT CC	ST (\$000)		
		730787		EU0004	46	30	,811
		9. COST E	ESTIMA'	TES			
		Item		U/M	Quantity	y Unit Cost	Cost (\$000)
PRIMARY FACILITIES ADDITION TO ELEMENTARY SCHOOL LEED AND FEDERAL ENERGY ACTS COMPLIANCE ANTITERRORISM (AT/FP) MEASURES				SF LS LS	72,732	295.92	22,905 21,523 1,063 319
SUPPORTING FACE	LITIES	<u>S</u>					4,519
CANOPIES ELECTRICAL UT WATER/SEWER MECHANICAL U	IES	LS LS LS			258 43 99 48		
ROADS, SIDEWA				LS			595

LS

LS

SF

LS

42,473

5.7

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

SUPERVISION, INSPECTION & OVERHEAD (6.5%)

ENGINEERING DURING CONSTRUCTION(0.5%)

SITE IMPROVEMENTS

INFORMATION SYSTEMS

CONTINGENCY PERCENT (5%)

ESTIMATED CONTRACT COST

ATFP

SUBTOTAL

DEMOLITION

TOTAL REQUEST

Construct a two story school composed of poured concrete, concrete block/steel structure and stucco/masonry exterior. Interior construction will consist of concrete wall/plaster for common shared areas, neighborhoods, Student Support Areas, Exploratory Learning spaces and buildings services, classrooms restrooms mechanical rooms, meeting rooms, and counseling rooms, interior suspended ceiling with florescent lighting, flooring for neighborhoods, student support areas, and common shared spaces will be vinyl tile, information centers will be carpet, for student support areas vinyl and carpet, entries, circulation spaces and restrooms ceramic tile or as required to meet functional requirements. Interior spaces neighborhoods, flexible laboratories, occupational and physical therapy, moderate learning impaired areas, guidance counseling and professional development centers; a small performance space and an information center. The project includes, but not limited to, site improvements such as site development, signage, fencing, paving, exterior lighting, utilities, covered walkways and landscaping. Interior spaces include neighborhoods, information center, flexible labs, gymnasium, supply areas, specialist rooms, art room, moderate learning impaired rooms, teacher work rooms, counseling areas, storage, administrative offices, multipurpose room/kitchen and other required areas for a fully functioning elementary school. Cafeteria, gymnasium, food service and information center areas are included.

The project includes related infrastructure such as, but not limited to, parking areas, mechanical rooms, water, sewer, electrical, delivery areas, and playgrounds. The project will require demolition of buildings 92, 93, 95, and partial demo of 124 for a total of 42,473 (SF).

2,772

445

244

15

27,424

1,371

28,795

1.872

30,811

144

1. COMPONENT DoDEA	ATA	2. Date February 2012						
3. INSTALLATION AN	D LOCA	TION		4. PROJECT TITL	E:			
RAF Feltwell, Unit	ted Kingo	dom	Feltwell Elementary School Addition					
5. PROGRAM ELEMEN	COST (\$000)							
		730787		EU00046	30),811		
DEMO Table								
Bldg# Area	a SF/ (SN	1)						
92 11,5	91 (1076	5 SM)						
93 14,9	34 (1387	7 SM)						
95 10,614 (986 SM)								
124(partial) 5,334 (496 SM)								
42,4	42,473 (3946 SM)							

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

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.

Air Conditioning Load: 15 TONS

11. REQUIREMENT: 72,732 SF ADQT: 20,900 SF SUBSTD: 42,473 SF

PROJECT:

Addition to the existing Feltwell Elementary School

REQUIREMENT:

The addition is required to provide adequate academic facilities for 372 students in grades K-5. School population based on SY2009-2010.

CURRENT SITUATION:

Many of the existing facilities, originally constructed as barracks, are old, obsolete, inefficient, and do not meet 21st Century Education Facilities Specifications. Some of the buildings are 70 years old resulting in excessive maintenance costs for utility infrastructure that is as old as the facilities. Due to the limited amount of space on the existing site, AT/FP standoff requirements are not met. Existing classroom and education spaces are dispersed across the area in multiple buildings. Inefficiencies due to travel times to these dispersed locations can be observed as students travel between classrooms, the dining facility, gymnasium and other activities. Numerous NFPA and ABA deficiencies cannot be economically corrected. Additionally, small classroom sizes, inadequate facilities, and poorly configured buildings further reduce efficiency. Many classes are conducted in inadequate, old, or poorly configured facilities that limit the ability to correct Life Safety Code deficiencies. These conditions increase school, maintenance, and utility costs.

IMPACT IF NOT PROVIDED:

The continued use of inadequate and undersized facilities will continue to impair the overall educational program for students. If new facilities are not provided, the substandard environment will continue to hamper student education,

1. COMPONENT DoDEA		FY 2013 MILITARY CONS	STRUC'	ΓΙΟΝ PROJECT D	ATA	2. Date February 2012				
3. INSTALLATION AN	D LOCA	TION		4. PROJECT TITL	E:					
RAF Feltwell, Unit	ted Kingo	dom		Feltwell Eleme	entary School A	ddition				
5. PROGRAM ELEMEN	NT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)				
		730787		EU00046	30),811				
guidelines without sign a more efficient flow of current facility will no initiatives. Yearly mai Elementary School is of need of repair/replacer	nificant r of student of be able intenance currently	remodeling, expansion, and not to support a 21st Century Cue and utility costs will continuous a Q3 rating and will diminish Flooring, plumbing, and elected	ew cons better curriculur te to con h greatly	struction. The const control of the studes in and DoD's energ inpound and interru y over the next few	olidation of facili nts by the school sy savings and su upt school operati	ities will provide I staff. The istainability ions. Feltwell				
ADDITIONAL:										
The use of temporary	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.									
Economic Alternatives	s:									
		onsidered during the developm onomic analysis was needed o			her option could	meet the mission				
JOINT USE CERTIFI This facility can be use on DoDEA requirement DODEA POC: (703)	ed by oth nts.	ner components on an "as avai	ilable" t	pasis; however, the	scope of the pro	vject is based				
12. Supplemental Dat	a:									
Site Approval: Yes		Obtained Date:								
No	X	Expected Date: Jan 31, 201	2							
Issues:										
 b. Endangered species. c. Air quality: No is d. Cultural/archeology proposed site. e. Clearing of trees: f. Known contaminates g. Operational problem. h. Traffic patterns in i. Existing utilities utilities. 	les/sensiti ssue gical reso No issue ation at so lems: No npact: Y upgrade:	elected site: No issue	eted anir ogical a	rtifacts (stone walls						
Planning: Consistent with Install Host Nation Approval	lation Ma	aster Plan: Yes								

-										
1. COMPONENT DoDEA		FY 2013 MILITARY CON	- JCTDIIC	TION DDOIFCT I		2. Date February 2012				
DODEA		FI 2015 WILLIAM I CON	NSIRUC	HUNFRUJECTI	JAIA	reditions 2012				
3. INSTALLATION AND	D LOCA	TION		4. PROJECT TITI	LE:					
RAF Feltwell, Unite	ed Kingo	dom		Feltwell Elen	nentary School A	ddition				
5. PROGRAM ELEMEN	Т	6. CATEGORY CODE	7. PRC	DJECT NUMBER	8. PROJECT CO	OST (\$000)				
		730787		EU00046	30),811				
National Capital Region	n Annro					- , -				
National Capital Region	II Appro	IVal. IV/A								
NEPA Documentation Level of NEPA: N/A	Comple	te: N/A								
Mitigation Issues:										
a. Wetlands replacem		ancement – N								
b. Hazardous Waste -c. Contaminated soil/		X T								
c. Contaminated soil/d. Other – N	Water –	N								
B. Design Data (Estimated):										
(1) Status:										
(a) Design Sta						eb 2012				
		stimate Used to Develop Co				ONE				
		Completed as of 1 Jan 2012			59					
(d) Expected 3 (e) 100% Desi						ug 2012 pr 2013				
(f) Type of De					Design/Bi					
(1) 1390 01 20	Bigii Co	muaci.			D0316111 21	u/Duna				
(2) Basis:										
		tive Design - (YES/NO)				NO				
(d) Date Desig	n was N	Most Recently Used				N/A				
(3) Total Design	Cost (c)	=(a)+(b) OR (d)+(e):								
		as and Specifications								
(b) All Other I	Design (Costs								
(c) Total Design	gn Cost					2,887				
(d) Contract						1,732				
(e) In-house (4) Construction	Contrac	-t Aand Data				1.155				
(4) Construction (5) Construction						2013 2013				
(6) Construction						2015				
B. Equipment associate	d with t	this project which will be pro	ovided fr	om other appropri	iations:					
			Fiscal							
Equipment		Procuring	Approp		Cost					
Nomenclature	;	<u>Appropriation</u>		<u>quested</u>	<u>(\$000)</u>					
Furnishings		O&M O&M	2015 2015		431 20					
Kitchen IT		O&M O&M	2015		451					
Education Supplies		O&M	2015		2					
Safety Equipment		O&M	2015		5					
Security Equipment		O&M	2015		24					
-										

1. COMPONENT									2. Dat	е	
DoDEA	F	Y 2013	MILITA		February						
3. Installation and Location					4. COM	MAND				EA CONST ON COST II	
RAF Menwith Hill, Un	ited I	Kingdom			Dol	DEA		1.3		1 02X	
6. PERSONNEL STRENGTH		Р	ERMANE	NT		STUDENT	S	S	UPPORTE	D	
		OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL
a. AS OF 30 SEP 2011							224				224
b. END FY 2015			305								305
7. INVENTORY DATA (\$000)											
TOTAL ACREAGE INVENTORY TOTAL AS OF AUTHORIZATION NOT YET II AUTHORIZATION REQUEST! AUTHORIZATION INCLUDED PLANNED IN NEXT THREE P REMAINING DEFICIENCY GRAND TOTAL	N INV ED IN IN FO	ENTORY THIS PRO OLLOWING RAM YEAR	GRAM G PROGRA	AM				. 0 . 0 . 46,488 . 0 . 0			
8. PROJECTS REQUESTED	IN TH	IIS PROGR	AM								
CATEGORY		DD	O IFOT TI	T. F	00	ODE	COS		DESIGN		STATUS
<u>CODE</u>		PRI	OJECT TI	<u>ILE</u>	<u>3C</u>	<u>OPE</u>	<u>(\$000</u>	"	<u>START</u>	5	<u>OMPLETE</u>
9. FUTURE PROJECTS			ce Menwi tary/High		113,	348 SF	46,48	8	Feb 12		Jul 15
9. FOTOKE PROJECTS											
a. INCLUDED IN FOLLOWIN None b. PLANNED IN NEXT THRE None	E YE	ARS									
10. MISSION OR MAJOR FUN Military Dependent Ec		_									
11. OUTSTANDING POLLUTI	ON A	ND SAFET	Y DEFICIE	ENCIES							

1. COMPONENT		EN A012 MILLER DN CON	IOTOLIO	TION D	DO IECE D	A 750 A	2. Date
DoDEA		FY 2013 MILITARY CON	STRUC	TION P	KOJECT D	ATA	February 2012
3. INSTALLATION ANI	D LOCA	TION		4. PRO	JECT TITL	E:	
RAF Menwith Hill, United Kingdom					lace Menwi	th Hill Elementary	/High School
	IVII IVIONWIII IIIII, OINEE IXIIIgaoiii					,	,8
	_		T				
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PRO					UMBER	8. PROJECT CO	ST (\$000)
		730787		EU0004	45	46	,488
		9. COST E	STIMA	TES			
		Item		U/M	Quantity	Unit Cost	Cost (\$000)
PRIMARY FACILIT	IES						35,680
ELEMENTARY/H		CHOOL		SF	113,848	298.68	34,004
LEED AND FEDE	RAL E	NERGY ACTS COMPLIA	NCE	LS	,		1,676
SUPPORTING FACI	T TTTE	3					5,698
CANOPIES		2		LS			350
ELECTRICAL UT	ILITIES	S		LS			435
WATER/SEWER I		LS			329		
MECHANICAL U	ES	LS			1,870		
ROADS, SIDEWA	LKS A	ND PARKING		LS			397
SITE IMPROVEM		LS			890		
INFORMATION S				LS			914
LOW IMPACT DE	VELO	PMENT		LS			513

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

SUPERVISION, INSPECTION & OVERHEAD (6.5%)

ENGINEERING DURING CONSTRUCTION(0.5%)

Construct a two story school composed of poured concrete, concrete block/steel structure and stucco/masonry exterior. Interior construction will consist of concrete wall/plaster for common shared areas, neighborhoods, Student Support Areas, Exploratory Learning spaces and buildings services, classrooms restrooms mechanical rooms, meeting rooms, and counseling rooms, interior suspended ceiling with florescent lighting, flooring for neighborhoods, student support areas, and common shared spaces will be vinyl tile, information centers will be carpet, for student support areas vinyl and carpet, entries, circulation spaces and restrooms ceramic tile or as required to meet functional requirements. Interior spaces neighborhoods, flexible laboratories, occupational and physical therapy, moderate learning impaired areas, guidance counseling and professional development centers; a small performance space, medium career and technical education spaces and an information center. The project includes, but not limited to, site improvements such as site development, signage, fencing, paving, exterior lighting, utilities, covered walkways and landscaping. Interior spaces include neighborhoods, information center, flexible labs, gymnasium, supply areas, specialist rooms, art room, learning impaired rooms, teacher work rooms, counseling areas, storage, administrative offices, multipurpose room/kitchen and other required areas for a fully functioning elementary/high school. Cafeteria, gymnasium, food service and information center areas are included.

The project includes related infrastructure such as, but not limited to, parking areas, mechanical rooms, water, sewer, electrical, delivery areas, and playgrounds.

SUBTOTAL

TOTAL REQUEST

CONTINGENCY PERCENT (5%)

ESTIMATED CONTRACT COST

41,378

2,069 43,447

2,824

46,488

217

1. COMPONENT DoDEA		2. Date February 2012						
3. INSTALLATION AN	D LOCA	D LOCATION 4. PROJECT TITLE:						
RAF Menwith Hill, U	Inited Kir	ngdom		Replace Menwith Hill Elementary/High School				
5. PROGRAM ELEMEN	ΙΤ	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	OST (\$000)		
		730787	EU00045 40			5,488		

Sustainable principles will be maximized in the design, development and construction of the project in accordance with

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

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.

Air Conditioning Load: 15 TONS

11. REOUIREMENT: 113,848 SF ADOT: 0 SUBSTD: 42,480 SF

PROJECT:

Replace the existing Menwith Hill Elementary/High School by constructing a new elementary/high school.

REQUIREMENT:

The new school is required to provide adequate academic facilities for 305 students in grades K-12. School population based on SY2009-2010.

CURRENT SITUATION:

Many of the existing facilities are old, obsolete, and inefficient; many of the buildings are 50 years old resulting in excessive maintenance costs, and do not meet 21st Century Education Facilities Specifications. Due to the limited amount of space on the existing site, AT/FP standoff requirements are not met and there is insufficient space to expand the existing facilities to provide the necessary space needed to support the school instructional program. Existing classroom and education spaces are dispersed across the area. The existing community gymnasium must be used for the school's P.E. and athletic programs as the school has no gym space of its own. The use of the community gym by the school imposes a severe hardship on the installation by limiting the community use of the gym to before and after the school day. The multipurpose room/cafeteria area is too small and completely inadequate for use by the school's PE and athletic programs. Numerous NFPA and ABA deficiencies cannot be economically corrected. Inefficiencies due to travel times to these dispersed locations can be observed as students travel between classrooms, the dining facility, gymnasium and other activities. Additionally, small classroom sizes, inadequate facilities, and poorly configured buildings further reduce efficiency. Some classrooms are located in temporary facilities to satisfy the current student population. These temporary facilities are past their design life and have been in place over 24 years. There are several corridors that are so narrow that it is difficult for 3 people to stand next to each other across the hall, a clear fire life safety concern that cannot be corrected due to the existing structure limitations. The construction of the most recent building housing the high school students is of such low construction standards making it inadequate as an educational facility. The low quality construction standards resulted in a facility that has very low ceilings, undersized and inadequate rooms. The residential type construction provides such poor acoustics that individual students walking on the second floor can be heard in all of the rooms of the ground floor. Tremendous noise and vibration of the floors is generated during each period of class changes.

1. COMPONENT DoDEA	FY 2013 MILITARY CONSTRUCTION PROJECT DATA				2. Date February 2012		
3. INSTALLATION AND LOCATION 4. PROJECT TITLE:							
RAF Menwith Hill, United Kingdom				Replace Menwith Hill Elementary/High School			
5. PROGRAM ELEMENT	7	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)	
		730787		EU00045	46	,488	
Many classes are conducted in inadequate, old, or poorly configured facilities. These conditions increase school, maintenance, and utility costs. Larger and better-configured classrooms with computer connectivity would drastically enhance the educational experience and increase the students' ability to learn. Maintenance and utility costs for older buildings are significantly greater than for newer facilities.							
students and will severel provided, the substandard school facilities cannot be remodeling, expansion, an necessary space requiren students between class seable to support a 21st Ce and utility costs will concurrently a Q3 rating and	ly limit rd envir be econ and new ments o essions entury (diffuse to diffuse	the and undersized facilities we the kinds and types of educationment will continue to ham omically modified to meet Now construction; however, the of the school. The consolidation and better control of the study curriculum and DoD's energy to compound and interrupt schiminish greatly over the next ty, heating and lighting systems.	ational paper stud IFPA Livexisting ion of fadents by y saving thool oper	rograms that can be lent education, more feed and ADA and space producilities will provide the school staff. The stations. Menwith	e offered. If new tivation, and inspanding with a guidelines with whibit an expansion a more efficier. The current facility initiatives. Yea Hill Elementary	facilities are not priration. The out significant on that meets the at flow of ty will not be urly maintenance School is	
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. A separately services funded MILCON project will construct a new access road to the new school site.							
Economic Alternatives:							
All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.							
JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on DoDEA requirements.							
DODEA POC: (703) 588-3509							
12. Supplemental Data:							
Site Approval: Yes		Obtained Date:					
No Z	X	Expected Date:January 31,	2011				
Issues:							
b. Endangered species/c. Air quality: No issu	/sensiti .ie	d, EMR, or wetlands: No iss ve habitat: Yes, some protect ources: Yes, existing archeole	cted anir	•			

proposed site.

1. COMPONENT DoDEA		THE ADDA NOT THE DAY COM				2. Date	
Bobbit		FY 2013 MILITARY CONS	STRUC	TION PROJECT I	DATA	February 2012	
						1001441 2012	
3. INSTALLATION AND LOCATION 4. PROJECT TITLE:							
RAF Menwith Hill, United Kingdom				Replace Menwith Hill Elementary/High School			
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PRC	JECT NUMBER	8. PROJECT CO	OST (\$000)	
C. TROGICANI EDENIENTI		730787	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	EU00045		5,488	
				E000043	41	0,400	
e. Clearing of trees: N							
	f. Known contamination at selected site: No issue g. Operational problems: No issue						
		es, new access road will be re	eauired	to the new site			
		Yes, there are no existing uti					
j. Ordnance sweep red	quired p	prior to construction: Yes					
D1 '							
Planning: Consistent with Installat	tion Ma	cter Plan: Vec					
Consistent with installat	uon wa	ster rian. Tes					
Host Nation Approval: I	Pending						
National Capital Region	ı Appro	val: N/A					
NEPA Documentation C	Complet	te· N/A					
Level of NEPA: N/A	oompre.	11/11					
Mitigation Issues:							
a Wetlands replaceme	a. Wetlands replacement/enhancement $-N$						
 a. Wetlands replacement/enhancement – N b. Hazardous Waste – N 							
c. Contaminated soil/water – N							
d. Other $-N$							
C. Design Data (Es	timated	N•					
C. Design Data (Es	stimated	ı)·					
(1) Status:							
(a) Design Start Date				Feb 2012			
(b) Parametric Cost Estimate Used to Develop Costs		S			ONE		
(c) Percent of Design Completed as of 1 Jan 2012(d) Expected 35% Design Date				5°	‰ ug 2012		
(e) 100% Design Completion Date				pr 2013			
(f) Type of Design Contract:					Design/Bi		
(2) . D							
(2) Basis:	Dofini	tive Decign (VEC/NO)				NO	
(e) Standard or Definitive Design - (YES/NO)(f) Date Design was Most Recently Used					N/A		
(1) 2 400 2 60181		iost recoming esca				1 1/12	
(3) Total Design Cost (c)=(a)+(b) OR (d)+(e):							
		s and Specifications					
(b) All Other Design Costs(c) Total Design Cost				\$4356			
(d) Contract				\$2614			
(e) In-house			\$1742				
(4) Construction Contract Award Date Jul 2				2013			
(5) Construction Start Date (6) Construction Completion Date				2013			
(6) Construction Completion Date Jul 2015							
B. Equipment associated	d with t	his project which will be pro-	vided fr	om other appropri	ations:		

1. COMPONENT DoDEA	FY 2013 MILITARY CO	NSTRUC	TION PROJECT I	DATA	2. Date February 2012
3. INSTALLATION AND LOCA	E:				
RAF Menwith Hill, United Kingdom			Replace Menwith Hill Elementary/High School		
5. PROGRAM ELEMENT	6. CATEGORY CODE 7. PRO		DJECT NUMBER 8. PROJECT COST (\$000		COST (\$000)
	730787		EU00045		46,488
Equipment Nomenclature Furnishings Kitchen IT Education Supplies Safety Equipment Security Equipment	Procuring Appropriation O&M	Fiscal Appropriate	oriated	Cost (\$000) 350 10 465 86 25 5	