### DoD Education Activity
**FY 2016 Military Construction, Defense-Wide**
($ in Thousands)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td><strong>Alabama</strong></td>
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</tr>
<tr>
<td>Maxwell Air Force Base</td>
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<tr>
<td>Maxwell Elementary/Middle School Replacement/Renovation</td>
<td>32,968</td>
<td>32,968</td>
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<tr>
<td>Fort Rucker</td>
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<tr>
<td>Fort Rucker Elementary/Primary Schools Consolidation/Replacement</td>
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<td>Fort Bragg</td>
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<td>Butner Elementary School Replacement</td>
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<td>Pierce Terrace Elementary School Replacement</td>
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<td>Garmisch</td>
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<td>Garmisch Elementary/Middle School Addition/Modernization</td>
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<td>Grafenwoehr</td>
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<tr>
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<tr>
<td>Stuttgart - Patch Barracks</td>
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<td>Patch Elementary School Replacement</td>
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<td><strong>Spain</strong></td>
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<td>Naval Station Rota</td>
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<tr>
<td>Rota Elementary and High Schools Additions</td>
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<td><strong>Total</strong></td>
<td>333,877</td>
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</table>
1. COMPONENT
   DoDEA

2. Date
   February 2015

3. Installation and Location
   Maxwell Air Force Base, Alabama

4. COMMAND
   DoDEA

5. AREA CONSTRUCTION COST INDEX
   0.85

6. PERSONNEL STRENGTH

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<tr>
<th>PERMANENT</th>
<th>STUDENTS</th>
<th>SUPPORTED</th>
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<tr>
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<td>ENLISTED</td>
<td>CIVILIAN</td>
<td>OFFER</td>
</tr>
<tr>
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</table>
a. AS OF 31 OCT 2014 | 332 | | | | | 332 |
b. END FY 2018 | | | | | 398 | | 398 |

7. INVENTORY DATA ($000)

| TOTAL ACREAGE | 0 |
| INVENTORY TOTAL AS OF | 0 |
| AUTHORIZATION NOT YET IN INVENTORY | 0 |
| AUTHORIZATION REQUESTED IN THIS PROGRAM | 32,968 |
| AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM | 0 |
| PLANNED IN NEXT THREE PROGRAM YEARS | 0 |
| REMAINING DEFICIENCY | 0 |
| GRAND TOTAL | 32,968 |

8. PROJECTS REQUESTED IN THIS PROGRAM

<table>
<thead>
<tr>
<th>CATEGORY CODE</th>
<th>PROJECT TITLE</th>
<th>SCOPE</th>
<th>COST ($000)</th>
<th>DESIGN START</th>
<th>STATUS COMPLETE</th>
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<tbody>
<tr>
<td>730787</td>
<td>Replace / Renovate, Maxwell Elementary / Middle School</td>
<td>105,467 SF</td>
<td>32,968</td>
<td>Apr 2014</td>
<td>May 2019</td>
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</table>

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM
   None

b. PLANNED IN NEXT THREE YEARS
   None

10. MISSION OR MAJOR FUNCTIONS
    Military Dependent Education

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:
    None
1. COMPONENT
DoDEA

2. Date
February 2015

3. INSTALLATION AND LOCATION
MAXWELL AIR FORCE BASE, ALABAMA

4. PROJECT TITLE:
Maxwell Elementary / Middle School Replacement/Renovation

5. PROGRAM ELEMENT

6. CATEGORY CODE
730787

7. PROJECT NUMBER
AM00110

8. PROJECT COST ($000)
32,968

9. COST ESTIMATES

<table>
<thead>
<tr>
<th>Item</th>
<th>U/M</th>
<th>Quantity</th>
<th>Unit Cost</th>
<th>Cost ($000)</th>
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<tr>
<td>PRIMARY FACILITIES</td>
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<tr>
<td>MAXWELL ELEMENTARY/MIDDLE SCHOOL (730787)</td>
<td>SF</td>
<td>69,952</td>
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<tr>
<td>RENOVATION (730787)</td>
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<td>SDD AND FEDERAL ENERGY ACTS COMPLIANCE</td>
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<td>ANTITERRORISM (AT/FP) MEASURES</td>
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<td>SUPPORTING FACILITIES</td>
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<tr>
<td>CANOPIES</td>
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<td>ELECTRICAL/GAS UTILITIES</td>
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<td>COMMUNICATION UTILITIES</td>
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<tr>
<td>WATER/SEWER/UTILITIES (Includes storm drainage)</td>
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<tr>
<td>SITE PREPARATION</td>
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<tr>
<td>ROADS, SIDEWALKS AND PARKING</td>
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<td>SITE IMPROVEMENTS</td>
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<tr>
<td>AT/FP</td>
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<td>DEMOLITION</td>
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<td>ESTIMATED CONTRACT COST</td>
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<td>CONTINGENCY PERCENT (5%)</td>
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<td>SUBTOTAL</td>
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<td>TOTAL REQUEST</td>
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<td>32,968</td>
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<tr>
<td>EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)</td>
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<td>2,945</td>
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</table>

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Construct a multi-story Elementary/Middle school composed of drilled pier, shallow spread footer or other appropriate foundation system, steel frame with reinforced Concrete Masonry Unit (CMU) and metal stud, and veneer brick masonry cavity wall system or other metal panel exterior wall finish with curtain wall and punched widow assembly. Interior construction will consist of CMU and or metal stud & Gypsum Wall Board (GWB) with operable/movable wall partitions. Interior spaces include neighborhoods, studios, learning hubs, staff collaboration areas, performance space, a physical education area with gymnasium, administrative offices, health services area, and other required areas for a fully functioning Elementary/Middle school.

The renovations to Building 538B, the existing Maxwell Elementary/Middle School (35,515 sf), shall include the conversion of existing classrooms, labs, administrative and student services areas and portions of the information center to create a new music room, science lab, art lab, a career technical education lab, computer center, Occupational Therapy / Physical Therapy (OT/PT), guidance counseling area, staff collaboration area, special education office, technology service center, maintenance central receiving, storage areas and other required areas for a fully functioning Elementary/Middle School. The project includes site improvements such as signage, fencing, paving, landscaping, covered walkways, exterior lighting, utilities, and playground area. Cafeteria, food service and information center areas were sized for the future Elementary/Middle School population.

The project includes related infrastructure such as water, sewer, electrical, communications duct-bank, storm water...
1. COMPONENT
DoDEA

2. Date
February 2015

3. INSTALLATION AND LOCATION
MAXWELL AIR FORCE BASE, ALABAMA

4. PROJECT TITLE:
Maxwell Elementary / Middle School Replacement/Renovation

5. PROGRAM ELEMENT

6. CATEGORY CODE
730787

7. PROJECT NUMBER
AM00110

8. PROJECT COST ($000)
32,968

The project will require demolition of five buildings for a total of approximately 75,299 SF.

In accordance with State of Alabama House Bill 459 requirements, the new school facility will be provided with a State of Alabama Building Commission approved safe space complying with ICC/NSSA Standard for the Design and Construction of Storm Shelters (ICC 500 – 2008).

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

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: 400 Tons

11. REQUIREMENT: 105,467 SF   ADQT:  0 SF    SUBSTD:  110,814 SF

PROJECT:
This project constructs an Elementary/Middle School by expanding and renovating the existing schools and associated support facilities.

REQUIREMENT:
The new school is required to provide adequate academic facilities for 398 students in grades Pre-Kindergarten through Eight. School population based on 2018 school year.

CURRENT SITUATION:
The current Maxwell Elementary / Middle School is a 110,814 SF facility that was originally constructed in 1964. Following the original construction, additions included: a single story administrative and classroom expansion in 1987; separated kindergarten physical education building in 1987; classroom wing addition in 1991; maintenance facility addition in 1993; and a classroom, administration, media center and dining facility addition in 1998. The school has a poor facility condition rating; it is more economical to replace than to repair. The following systems are expired or are failing and in need of replacement; electrical branch circuits, casework, ceiling finishes, emergency and exit lights, interior and exterior doors, exterior windows, fire sprinklers, floor finishes, lighting, plumbing fixtures and piping, specialties, and HVAC systems. The facility does not meet the DoDEA’s Education Facilities Specifications to include 21st Century Curriculum and educational objectives. The facility does not meet current AT/FP and ADA standards and does not meet current federal energy and sustainability mandates.

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 a new facility is not provided, the substandard environment will continue to hamper the educational process and the school will not be able to support the
<table>
<thead>
<tr>
<th>1. COMPONENT</th>
<th>DoDEA</th>
<th>FY 2016 MILITARY CONSTRUCTION PROJECT DATA</th>
<th>2. Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>3. INSTALLATION AND LOCATION</td>
<td>MAXWELL AIR FORCE BASE, ALABAMA</td>
<td>4. PROJECT TITLE: Maxwell Elementary / Middle School Replacement/Renovation</td>
<td>February 2015</td>
</tr>
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<td>5. PROGRAM ELEMENT</td>
<td>6. CATEGORY CODE</td>
<td>7. PROJECT NUMBER</td>
<td>8. PROJECT COST ($000)</td>
</tr>
<tr>
<td></td>
<td>730787</td>
<td>AM00110</td>
<td>32,968</td>
</tr>
</tbody>
</table>

The required maintenance and repair of expired and failing systems will continue to strain maintenance capabilities and budgets if the facility is not replaced.

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.

DoDEA POC (571) 372-1405

12. Supplemental Data:

Site Approval: Yes ☒
 Obtained Date: July 2014

No ☐
 Expected Date:

Issues: (state no issue or BRIEFLY explain the issue below)

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: No Issue
i. Existing utilities upgrade: No Issue
j. Ordnance sweep required prior to construction: No Issue

Planning:
Consistent with Installation Master Plan: Yes

Host Nation Approval: N/A

National Capital Region Approval: N/A

NEPA Documentation Complete: Y
Level of NEPA: Environmental Assessment

Mitigation Issues:

a. Wetlands replacement/enhancement – N
b. Hazardous Waste – N
c. Contaminated soil/water – N
1. COMPONENT
DoDEA

2. Date
February 2015

3. INSTALLATION AND LOCATION
MAXWELL AIR FORCE BASE, ALABAMA

4. PROJECT TITLE:
Maxwell Elementary / Middle School Replacement/Renovation

5. PROGRAM ELEMENT

6. CATEGORY CODE
730787

7. PROJECT NUMBER
AM00110

8. PROJECT COST ($000)
32,968

d. Other – N

A. Design Data (Estimated):

(1) Status:
   (a) Design Start Date
       APR 2014
   (b) Parametric Cost Estimate Used to Develop Costs
       YES
   (c) Percent of Design Completed as of 1 Jan 2015
       15%
   (d) Expected 35% Design Date
       MAR 2015
   (e) 100% Design Completion Date
       NOV 2015
   (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
       3,297
   (d) Contract
       1,978
   (e) In-house
       1,319

(4) Construction Contract Award Date
    MAR 2016

(5) Construction Start Date
    MAY 2016

(6) Construction Completion Date
    MAY 2019

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

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Fiscal Year</th>
<th>Appropriation</th>
<th>Appropriated Or Requested</th>
<th>Cost ($000)</th>
</tr>
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<tr>
<td>Furnishings</td>
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<td>O&amp;M</td>
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<td>Kitchen</td>
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<td>O&amp;M</td>
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<td>375</td>
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<tr>
<td>IT</td>
<td>2018</td>
<td>O&amp;M</td>
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<td>O&amp;M</td>
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<td>O&amp;M</td>
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<td>O&amp;M</td>
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1. COMPONENT: DoDEA

2. Date: February 2015

3. Installation and Location: FORT RUCKER, ALABAMA

4. COMMAND: DoDEA

5. AREA CONSTRUCTION COST INDEX: 0.75

6. PERSONNEL STRENGTH

<table>
<thead>
<tr>
<th>PERMANENT</th>
<th>STUDENTS</th>
<th>SUPPORTED</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Officer</td>
<td>Enlisted</td>
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<tr>
<td>a. AS OF 31 OCT 2014</td>
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<td>707</td>
<td></td>
</tr>
<tr>
<td>b. END FY 2018</td>
<td></td>
<td>800</td>
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7. INVENTORY DATA ($000)

- TOTAL ACREAGE: 0
- INVENTORY TOTAL AS OF: 0
- AUTHORIZATION NOT YET IN INVENTORY: 0
- AUTHORIZATION REQUESTED IN THIS PROGRAM: 46,787
- AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM: 0
- PLANNED IN NEXT THREE PROGRAM YEARS: 0
- REMAINING DEFICIENCY: 0
- GRAND TOTAL: 46,787

8. PROJECTS REQUESTED IN THIS PROGRAM

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>PROJECT TITLE</th>
<th>SCOPE</th>
<th>COST ($000)</th>
<th>DESIGN START</th>
<th>STATUS COMPLETE</th>
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<tbody>
<tr>
<td>73046</td>
<td>Consolidate/Replace Fort Rucker Elementary and Primary School</td>
<td>133,542 SF</td>
<td>46,787</td>
<td>FEB 2012</td>
<td>MAY 2018</td>
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</table>

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM: None

b. PLANNED IN NEXT THREE YEARS: None

10. MISSION OR MAJOR FUNCTIONS:

| Military Dependent Education |

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

- None
1. COMPONENT
DoDEA

2. Date
February 2015

3. INSTALLATION AND LOCATION
FORT RUCKER, ALABAMA

4. PROJECT TITLE:
Fort Rucker Elementary and Primary Schools Consolidation/Replacement

5. PROGRAM ELEMENT

6. CATEGORY CODE
73046

7. PROJECT NUMBER
AM00048

8. PROJECT COST ($000)
46,787

9. COST ESTIMATES

<table>
<thead>
<tr>
<th>Item</th>
<th>U/M</th>
<th>Quantity</th>
<th>Unit Cost</th>
<th>Cost ($000)</th>
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<tbody>
<tr>
<td>PRIMARY FACILITIES</td>
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<td></td>
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<tr>
<td>FORT RUCKER ELEMENTARY SCHOOL (73046)</td>
<td>SF</td>
<td>133,542</td>
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<td>25,413</td>
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<td>SDD AND FEDERAL ENERGY ACTS COMPLIANCE</td>
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<tr>
<td>SPECIAL COSTS (TEMP FACILITIES)</td>
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<td>SUPPORTING FACILITIES</td>
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<tr>
<td>SPECIAL CONSTRUCTION FEATURES (Tornado Shelter)</td>
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<td>ELECTRICAL/GAS UTILITIES</td>
<td>LS</td>
<td>2,080</td>
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<td>796</td>
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<td>675</td>
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<td>105</td>
<td></td>
<td></td>
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<td>LS</td>
<td>839</td>
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<td></td>
</tr>
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<td>43,849</td>
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<tr>
<td>SUPERVISION, INSPECTION &amp; OVERHEAD (5.7)</td>
<td></td>
<td>2,499</td>
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</tr>
<tr>
<td>ENGINEERING DURING CONSTRUCTION (1%)</td>
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<td>439</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL REQUEST</td>
<td></td>
<td></td>
<td>46,787</td>
<td></td>
</tr>
<tr>
<td>EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)</td>
<td></td>
<td>2,920</td>
<td></td>
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</table>

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Construct a multi-story elementary school composed of shallow type foundations, steel column and beam interior structural framing and load bearing exterior walls and reinforced concrete masonry with brick veneer and reinforced concrete tilt wall with thin brick inlay construction. Interior construction will consist of masonry, metal stud, and movable/operable partition walls. Interior spaces include neighborhoods, studios, learning hubs, staff collaboration areas, a career technical education lab, computing center, science labs, art room, music suites, occupational therapy/physical therapy, a commons area, performance space, information center, a physical education area with gymnasium, food service, administrative offices, guidance counseling center, a special education office, health services area, maintenance support, central storage area, technology service center, and other required areas for a fully functioning elementary school. The project includes site improvements such as signage, fencing, paving, landscaping, covered walkways, exterior lighting, utilities, and playground area. Cafeteria, food service and information center areas were sized for the future elementary school population.

The project includes related infrastructure such as water, sewer, electrical, staff and visitor parking areas, parent drop off lane, mechanical rooms, emergency access lanes, bus loading/unloading areas, and delivery areas.

The project will require demolition of 4 buildings for a total of approximately 176,945 SF.

Temporary classroom facilities are required to support construction phasing.
### FY 2016 MILITARY CONSTRUCTION PROJECT DATA

<table>
<thead>
<tr>
<th>1. COMPONENT</th>
<th>2. Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>DoDEA</td>
<td>February 2015</td>
</tr>
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<table>
<thead>
<tr>
<th>3. INSTALLATION AND LOCATION</th>
<th>4. PROJECT TITLE:</th>
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</thead>
<tbody>
<tr>
<td>FORT RUCKER, ALABAMA</td>
<td>Fort Rucker Elementary and Primary Schools Consolidation/Replacement</td>
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</table>

<table>
<thead>
<tr>
<th>5. PROGRAM ELEMENT</th>
<th>6. CATEGORY CODE</th>
<th>7. PROJECT NUMBER</th>
<th>8. PROJECT COST ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>73046</td>
<td>AM00048</td>
<td>46,787</td>
</tr>
</tbody>
</table>

In accordance with State of Alabama House Bill 459 requirements, the new school facility will be provided with a State of Alabama Building Commission approved safe space complying with ICC/NSSA Standard for the Design and Construction of Storm Shelters (ICC 500 – 2008).

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

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: 390 Tons

<table>
<thead>
<tr>
<th>11. REQUIREMENT:</th>
<th>133,542 SF</th>
<th>ADQT: 0 SF</th>
<th>SUBSTD: 176,945 SF</th>
</tr>
</thead>
</table>

**PROJECT:**

This project constructs a new elementary school and replaces and consolidates the existing elementary and primary school facilities.

**REQUIREMENT:**

The new school is required to provide adequate academic facilities for 800 students in grades Pre-Kindergarten through 6th grade. School population is based on 2018 school year.

**CURRENT SITUATION:**

The current Fort Rucker Elementary School is a 108,019 SF facility that was originally constructed in 1963. The current Fort Rucker Primary School is a 68,926 SF facility that was originally constructed in 1972. Both schools have a poor facility condition rating; it is more economical to replace than to repair. The following systems are expired or are failing and in need of replacement; mechanical, electrical and plumbing systems. The facility does not meet the DoDEA’s Education Facilities Specifications to include existing adjacencies; classroom size and current layout of the facilities reduce efficiencies. The facility does not meet current AT/FP, ADA, NFPA codes and does not meet current federal energy and sustainability mandates.

**IMPACT IF NOT PROVIDED:**

The continued use of deficient, inadequate, and undersized facilities that do not accommodate the current student population and will continue to impair the overall education program for students. If a new facility is not provided, the substandard environment will continue to hamper the educational process and the school will not be able to support the curriculum and provide for a safe facility. The required maintenance and repair of expired and failing systems will continue to strain maintenance capabilities and budgets if the facility is not replaced.

**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.

DoDEA POC (571) 372-1405

### Supplemental Data:

- **Site Approval:** Yes [x]  Obtained Date: May 2013
- **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: No Issue
  - g. Operational problems: No Issue
  - h. Traffic patterns impact: No Issue
  - i. Existing utilities upgrade: No Issue
  - j. Ordnance sweep required prior to construction: No Issue

### Planning:

- Consistent with Installation Master Plan: Yes
- Host Nation Approval: N/A
- National Capital Region Approval: N/A
- NEPA Documentation Complete: Y
- Level of NEPA: Environmental Assessment

### Mitigation Issues:

- a. Wetlands replacement/enhancement – N
- b. Hazardous Waste – N
- c. Contaminated soil/water – N
- d. Other – N

### Design Data (Estimated):

- (1) Status:
  - (a) Design Start Date  FEB 2012
  - (b) Parametric Cost Estimate Used to Develop Costs  YES
1. COMPONENT
DoDEA

FY 2016 MILITARY CONSTRUCTION PROJECT DATA

3. INSTALLATION AND LOCATION
FORT RUCKER, ALABAMA

4. PROJECT TITLE:
Fort Rucker Elementary and Primary Schools Consolidation/Replacement

5. PROGRAM ELEMENT

6. CATEGORY CODE
73046

7. PROJECT NUMBER
AM00048

8. PROJECT COST ($000)
46,787

(c) Percent of Design Completed as of 1 Jan 2015 15%
(d) Expected 35% Design Date FEB 2015
(e) 100% Design Completion Date NOV 2015
(f) Type of Design Contract: Design/Bid/Build

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

(3) Total Design Cost (c)=(a)+(b) OR (d)+(e):
(a) Production of Plans and Specifications
(b) All Other Design Costs
(c) Total Design Cost 4,679
(d) Contract 2,807
(e) In-house 1,872

(4) Construction Contract Award Date MAR 2016
(5) Construction Start Date MAY 2016
(6) Construction Completion Date MAY 2018

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

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Procuring</th>
<th>Fiscal Year</th>
<th>Appropriated Or Requested</th>
<th>Cost ($000)</th>
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</thead>
<tbody>
<tr>
<td>Furnishings</td>
<td>O&amp;M</td>
<td>2018</td>
<td>684</td>
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<tr>
<td>Kitchen</td>
<td>O&amp;M</td>
<td>2018</td>
<td>373</td>
<td></td>
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<tr>
<td>IT</td>
<td>O&amp;M</td>
<td>2018</td>
<td>701</td>
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<td>Education Supplies</td>
<td>O&amp;M</td>
<td>2018</td>
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<tr>
<td>Safety Equipment</td>
<td>O&amp;M</td>
<td>2018</td>
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<tr>
<td>Security Equipment</td>
<td>O&amp;M</td>
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1. COMPONENT
   DoDEA

FY 2016 MILITARY CONSTRUCTION PROGRAM

2. Date
   February 2015

3. Installation and Location
   FORT KNOX, KENTUCKY

4. COMMAND
   DoDEA

5. AREA CONSTRUCTION COST INDEX
   1.02

6. PERSONNEL STRENGTH

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<tr>
<th></th>
<th>PERMANENT</th>
<th>STUDENTS</th>
<th>SUPPORTED</th>
<th>TOTAL</th>
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<td>OFFICER</td>
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<td>a. AS OF 31 OCT 2014</td>
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<tr>
<td>b. END FY 2018</td>
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7. INVENTORY DATA ($000)

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<td>INVENTORY TOTAL AS OF</td>
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<tr>
<td>AUTHORIZATION NOT YET IN INVENTORY</td>
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<tr>
<td>AUTHORIZATION REQUESTED IN THIS PROGRAM</td>
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<tr>
<td>AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM</td>
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<tr>
<td>PLANNED IN NEXT THREE PROGRAM YEARS</td>
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<td>REMAINING DEFICIENCY</td>
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<td>GRAND TOTAL</td>
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8. PROJECTS REQUESTED IN THIS PROGRAM

<table>
<thead>
<tr>
<th>CATEGORY CODE</th>
<th>PROJECT TITLE</th>
<th>SCOPE</th>
<th>COST ($000)</th>
<th>DESIGN START</th>
<th>STATUS COMPLETE</th>
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<tbody>
<tr>
<td>73046</td>
<td>Fort Knox HS Renovation and (MS) Addition</td>
<td>55,383 SF</td>
<td>23,279</td>
<td>MAY 2014</td>
<td>MAY 2018</td>
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</table>

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM
   None

b. PLANNED IN NEXT THREE YEARS
   None

10. MISSION OR MAJOR FUNCTIONS
    Military Dependent Education

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:
    None
1. COMPONENT
DoDEA

2. Date
February 2015

3. INSTALLATION AND LOCATION
FORT KNOX, KENTUCKY

4. PROJECT TITLE:
Fort Knox High School Renovation and Middle School Addition

5. PROGRAM ELEMENT

6. CATEGORY CODE
73046

7. PROJECT NUMBER
AM00123

8. PROJECT COST ($000)
23,279

9. COST ESTIMATES

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<tr>
<th>Item</th>
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<th>Quantity</th>
<th>Unit Cost</th>
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<tr>
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<tr>
<td>FORT KNOX HS (MS) ADDITION (73046)</td>
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<tr>
<td>RENOVATION (Bldg. 7501) Existing HS/Gym (73046)</td>
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<td>RENOVATION (Bldg. 7503) Pierce Gym (73046)</td>
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<tr>
<td>MECHANICAL UTILITIES</td>
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<td>129</td>
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<tr>
<td>ROADS, SIDEWALKS AND PARKING</td>
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<td></td>
<td>105</td>
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<tr>
<td>SITE IMPROVEMENTS</td>
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<tr>
<td>AT/FP</td>
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<tr>
<td>DEMOLITION</td>
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<td>LOW IMPACT DEVELOPMENT</td>
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<td>ESTIMATED CONTRACT COST</td>
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<td>CONTINGENCY (5%)</td>
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<td>SUBTOTAL</td>
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<td>1,244</td>
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<tr>
<td>ENGINEERING DURING CONSTRUCTION (1%)</td>
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<td>218</td>
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<tr>
<td>TOTAL REQUEST</td>
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<td>23,279</td>
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<tr>
<td>EQUIPMENT FROM OTHER APPROPRIATIONS NON ADD</td>
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<td></td>
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<td>2,493</td>
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</table>

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Construct a single story middle school addition to the existing Fort Knox HS composed of shallow foundation with concrete masonry unit (CMU), and/or steel frame, and/or insulating concrete forms (ICF), with brick and/or other veneer or similar quality construction. Interior construction will consist of light gauge metal studs/gypsum wallboard with operable/movable partition walls at learning studios and other areas. New interior spaces include neighborhoods, learning studios, learning hubs, staff collaboration areas, art room, music suites, occupational therapy/physical therapy (OT/PT), junior reserve officers training corps (JROTC) suite, a commons area, administrative & guidance offices, a special education office, learning impaired moderate severe (LIMS) suite, central storage area, and other required areas for a fully functioning Middle/High school. Building 7503, the existing Pierce gym (6,895 SF) shall be converted to a new performance area for the combined school. Building 7495, the existing chiller building (636 SF) shall be converted to a new Data Center. The renovations to Building 7501, the existing Fort Knox HS & Gym (93,813 SF) shall include the conversion of existing classrooms to create 21st Century style neighborhood type learning hub space, staff collaboration, career technical education (CTE), academic support, learning impaired mild/moderate (LIMM), and video broadcast studio spaces. The science labs, information center, physical education area with gymnasium, food service, administrative offices, guidance counseling center, health services area, and other required learning areas for a fully functioning middle/high school will utilize existing spaces in Building 7501. The project includes site improvements such as signage, fencing, paving, landscaping, exterior lighting, and utilities.

The project includes related infrastructure such as water, sewer, electrical, mechanical rooms, emergency access lanes,
The project will require demolition of 2 buildings for a total of approximately 104,547 SF.

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

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: 160 Tons

**CURRENT SITUATION:**

Scott MS, Building 7474, is a 67,556 square foot, one-story building originally constructed in 1957 with an extensive renovation/addition in 1994. The school has a failing facility condition rating; it is more economical to replace than to repair. The following systems in Building 7474 are expired or are failing and in need of replacement: branch circuits, casework, ceiling finishes, exterior finishes, fire alarm systems, HVAC cooling equipment, intercom/PA System, lighting, roof coverings and wall finishes. Building 7467 the existing Vocational Technology facility is in poor condition and is required to be demolished to accommodate the new addition. The following systems in Building 7467 are expired or are failing and in need of replacement: branch circuits, ceiling finishes, emergency lights, exit lights, exterior doors, exterior finishes, exterior windows, fire alarm systems, fire sprinklers, floor finishes, interior doors, lighting, roof coverings and wall finishes. Both facilities do not meet the DoDEA Education Facilities Specifications. The condition of the buildings’ Heating, Ventilation, Air Conditioning and electrical systems are inadequate to meet the federally mandated energy performance requirements and are unable to meet current Anti-Terrorism / Force Protection 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 a new facility is not provided, the substandard environment will continue to hamper the educational process and the school will not be able to support the curriculum and provide for a safe facility. The required maintenance and repair of expired and failing systems will continue to strain maintenance capabilities and budgets if the facility is not replaced.
1. COMPONENT  
DoDEA

2. Date  
February 2015

3. INSTALLATION AND LOCATION  
FORT KNOX, KENTUCKY

4. PROJECT TITLE:  
Fort Knox High School Renovation and Middle School Addition

5. PROGRAM ELEMENT

6. CATEGORY CODE
73046

7. PROJECT NUMBER
AM00123

8. PROJECT COST ($000)
23,279

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.

DoDEA POC (571) 372-1405

12. Supplemental Data:

Site Approval:  Yes ❌  Obtained Date: October 2014
No  ❍  Expected Date:

Issues:

a. DDESAB, AICUZ, Airfield, EMR, or wetlands – No issue
b. Endangered species/sensitive habitat – Possible impact to Indiana brown bat habitat with removal of trees on site. Removal will need to be coordinated with Fort Knox Environmental.
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 – No issue
i. Existing utilities upgrade – No issue
j. Ordnance sweep required prior to construction: No issue

Planning:
Consistent with Installation Master Plan: Yes

Host Nation Approval: N/A

National Capital Region Approval: N/A

NEPA Documentation Complete: Y
Level of NEPA: Environmental Assessment

Mitigation Issues:
1. COMPONENT
DoDEA

2. Date
February 2015

3. INSTALLATION AND LOCATION
FORT KNOX, KENTUCKY

4. PROJECT TITLE:
Fort Knox High School Renovation and Middle School Addition

5. PROGRAM ELEMENT

6. CATEGORY CODE
7046

7. PROJECT NUMBER
AM00123

8. PROJECT COST ($000)
23,279

| 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 MAY 2014
(b) Parametric Cost Estimate Used to Develop Costs YES
(c) Percent of Design Completed as of 1 Jan 2015 15%
(d) Expected 35% Design Date FEB 2015
(e) 100% Design Completion Date NOV 2015
(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 (10% of the PA) 2,328
(d) Contract (60% of the 10% in line c) 1,397
(e) In-house (40% of the 10% in line c) 931

(4) Construction Contract Award Date MAR 2016
(5) Construction Start Date MAY 2016
(6) Construction Completion Date MAY 2018

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

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Procuring</th>
<th>Fiscal Year</th>
<th>Appropriated</th>
<th>Cost ($000)</th>
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<tbody>
<tr>
<td>Furnishings</td>
<td>O&amp;M</td>
<td>2018</td>
<td>551</td>
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<tr>
<td>Kitchen</td>
<td>O&amp;M</td>
<td>2018</td>
<td>333</td>
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<tr>
<td>IT</td>
<td>O&amp;M</td>
<td>2018</td>
<td>622</td>
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<tr>
<td>Education Supplies</td>
<td>O&amp;M</td>
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<td>O&amp;M</td>
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<td>42</td>
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</table>
### FY 2016 MILITARY CONSTRUCTION PROGRAM

**1. COMPONENT**
DoDEA

**2. Date**
February 2015

**3. Installation and Location**
WEST POINT, NEW YORK

**4. COMMAND**
DoDEA

**5. AREA CONSTRUCTION COST INDEX**
1.24

**6. PERSONNEL STRENGTH**

<table>
<thead>
<tr>
<th></th>
<th>PERMANENT</th>
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<th>TOTAL</th>
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<td>a. AS OF 31 OCT 2014</td>
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**7. INVENTORY DATA ($000)**

- TOTAL ACREAGE: 0
- INVENTORY TOTAL AS OF: 0
- AUTHORIZATION NOT YET IN INVENTORY: 0
- AUTHORIZATION REQUESTED IN THIS PROGRAM: 55,778
- AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM: 0
- PLANNED IN NEXT THREE PROGRAM YEARS: 0
- REMAINING DEFICIENCY: 0
- GRAND TOTAL: 55,778

**8. PROJECTS REQUESTED IN THIS PROGRAM**

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<th>CATEGORY CODE</th>
<th>PROJECT TITLE</th>
<th>SCOPE</th>
<th>COST ($000)</th>
<th>DESIGN START</th>
<th>STATUS COMPLETE</th>
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<td>Replace West Point Elementary School</td>
<td>95,552 SF</td>
<td>55,778</td>
<td>Jul 2014</td>
<td>May 2019</td>
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</tbody>
</table>

**9. FUTURE PROJECTS**

- a. INCLUDED IN FOLLOWING PROGRAM
  - None
- b. PLANNED IN NEXT THREE YEARS
  - None

**10. MISSION OR MAJOR FUNCTIONS**

- Military Dependent Education

**11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:**

- None
### 3. INSTALLATION AND LOCATION

**WEST POINT, NY**

### 4. PROJECT TITLE:

West Point Elementary School Replacement

### 5. PROGRAM ELEMENT

73046

### 6. CATEGORY CODE

AM00033

### 8. PROJECT COST ($000)

55,778

### 9. COST ESTIMATES

<table>
<thead>
<tr>
<th>Item</th>
<th>U/M</th>
<th>Quantity</th>
<th>Unit</th>
<th>Cost ($000)</th>
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<tr>
<td>PRIMARY FACILITIES</td>
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<td>ENVIRONMENTAL MITIGATION (Includes UXO surface clearance only)</td>
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<td>TOTAL REQUEST</td>
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10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Construct a multi-story elementary school with drilled pier, shallow spread footing, or other appropriate foundation, structural steel frame or other superstructure that supports a clear span reconfigurable facility, reinforced masonry or reinforced concrete and/or metal stud curtain wall with brick or other durable veneer metal, and a combination of curtain wall/punched window glazing systems. Interior construction will consist of some combination of masonry and gypsum wall systems, and operable/movable partition walls. Interior spaces include learning neighborhoods, studios, learning hubs, staff collaboration areas, computing center, art room, music suite, occupational therapy/physical therapy (OT/PT), a commons area, multi-purpose space, information center, food service, administrative offices, guidance counseling center, a special education office, health services area, maintenance support, central storage area, technology service center, a tie-in to an existing gymnasium (Building 705C), and other required areas for a fully functioning elementary school. The project includes site improvements such as removing large quantities of rock, heavy grading, signage, fencing, paving, landscaping, covered walkways, exterior lighting, utilities, and playground area. Cafeteria, food service and information center areas were sized for the future elementary school population.

The project includes related infrastructure such as gas, water, sewer, electrical, staff and visitor parking areas, student drop off lane, mechanical rooms, emergency access lanes, bus loading/unloading areas, and delivery areas.
The project will require demolition of 3 buildings for a total of approximately 63,749 SF.

An ordinance sweep prior to construction is required. A temporary parking solution is required while the existing school, parking, and existing bus loop are being demolished to clear footprint for new parking and student drop-off areas that meet AT/FP requirements.

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

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: 300 Tons

11. Requirement: 110,643 SF  ADQT: 15,091 SF  SUBSTD: 63,749 SF

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

This project constructs a new Elementary School.

REQUIREMENT:
The new school is required to provide adequate academic facilities for 500 students in grades Pre K – 4th. School population based on 2018 school year.

CURRENT SITUATION:
The current West Point Elementary School is a 78,840 SF facility that was originally constructed in 1963. There were additions built in 1986 (classrooms), 2003 (classrooms), and 2004 (gym). The 2004 gym will be retained and adjacent to the new school. The school has a poor facility condition rating; it is more economical to replace than to repair. The following systems are expired or are failing and in need of replacement; HVAC system, roofs, doors, casework, ceilings, exterior finishes, toilet partitions and accessories, communications systems, wall finishes, electrical circuits, electrical distribution, lighting, fire alarms, and plumbing. The facility does not meet the DoDEA’s Education Facilities Specifications to include facility space that is undersized for 21st Century Education (Info Center, Music, Art, food service spaces, and some classrooms are undersized). Parking is inadequate. The facility does not meet current AT/FP, ADA, and NFPA requirements and does not meet current federal energy and sustainability mandates.

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 a new facility is not provided, the substandard environment will continue to hamper the educational process and the school will not be able to support the curriculum and provide for a safe facility. The required maintenance and repair of expired and failing systems will continue to strain maintenance capabilities and budgets if the facility is not replaced.
**DoDEA FY 2016 MILITARY CONSTRUCTION PROJECT DATA**

### Component
DoDEA

### Installation and Location
WEST POINT, NY

### Project Title
West Point Elementary School Replacement

### 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.
- DoDEA POC (571) 372-1405

### Supplemental Data:
- Site Approval: Yes
- Obtained Date: APR 2014
- Expected Date:

### Issues:
- a. DDESAB, AICUZ, Airfield, EMR, or wetlands – No issue.
- c. Air quality – No issue.
- d. Cultural/archeological resources – Limited Archaeological pedestrian reconnaissance - excavation of shovel test pits required.
- e. Clearing of trees – Monitoring of tree removal limited between November and March.
- f. Known contamination at selected site – No Issue
- g. Operational problems – A temporary parking solution will be provided while the old facility is being demolished to clear footprint for new parking and drop-off loop.
- h. Traffic patterns impact – No issue.
- i. Existing utilities upgrade – No issue.
- j. Ordnance sweep required prior to construction - Ordnance (UXO) Technician required during site excavation.

### Planning:
- Consistent with Installation Master Plan: Yes
- NEPA Documentation Complete: August 2015 anticipated FONSI
- Level of NEPA: Environmental Assessment (EA)

### Mitigation Issues:
- a. Wetlands replacement/enhancement – N
- b. Hazardous Waste – Y
- c. Contaminated soil/water – Y
- d. Other – N

### Design Data (Estimated):
- (1) Status:
  - (a) Design Start Date  JUL 2014
1. COMPONENT
DoDEA

2. Date
February 2015

3. INSTALLATION AND LOCATION
WEST POINT, NY

4. PROJECT TITLE:
West Point Elementary School Replacement

5. PROGRAM ELEMENT

6. CATEGORY CODE
73046

7. PROJECT NUMBER
AM00033

8. PROJECT COST ($000)
55,778

(b) Parametric Cost Estimate Used to Develop Costs
YES

(c) Percent of Design Completed as of 1 Jan 2015
15%

(d) Expected 35% Design Date
MAR 2015

(e) 100% Design Completion Date
OCT 2015

(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):

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<tr>
<th>Item</th>
<th>Cost ($000)</th>
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<td>Total Design Cost</td>
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(4) Construction Contract Award Date
MAR 2016

(5) Construction Start Date
MAY 2016

(6) Construction Completion Date
MAY 2019

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

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Procuring</th>
<th>Fiscal Year</th>
<th>Appropriated</th>
<th>Cost ($000)</th>
</tr>
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<tbody>
<tr>
<td>Furnishings</td>
<td>O&amp;M</td>
<td>2018</td>
<td>459</td>
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<td>Kitchen</td>
<td>O&amp;M</td>
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<td>306</td>
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<td>IT</td>
<td>O&amp;M</td>
<td>2018</td>
<td>568</td>
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<td>Education Supplies</td>
<td>O&amp;M</td>
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1. COMPONENT
DoDEA

2. Date
February 2015

3. Installation and Location
FORT BRAGG, NORTH CAROLINA

4. COMMAND
DoDEA

5. AREA CONSTRUCTION COST INDEX
0.88

6. PERSONNEL STRENGTH

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<th>PERMANENT</th>
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<td>ENLISTED</td>
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<td>a. AS OF 31 OCT 2014</td>
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<td></td>
</tr>
<tr>
<td>b. END FY 2018</td>
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7. INVENTORY DATA ($000)

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<th>TOTAL ACREAGE</th>
<th>INVENTORY TOTAL AS OF</th>
<th>AUTHORIZATION NOT YET IN INVENTORY</th>
<th>AUTHORIZATION REQUESTED IN THIS PROGRAM</th>
<th>AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM</th>
<th>PLANNED IN NEXT THREE PROGRAM YEARS</th>
<th>REMAINING DEFICIENCY</th>
<th>GRAND TOTAL</th>
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8. PROJECTS REQUESTED IN THIS PROGRAM

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<tr>
<th>CATEGORY CODE</th>
<th>PROJECT TITLE</th>
<th>SCOPE</th>
<th>COST ($000)</th>
<th>DESIGN START</th>
<th>STATUS COMPLETE</th>
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<td>73046</td>
<td>Replace Butner Elementary School</td>
<td>96,173 SF</td>
<td>32,944</td>
<td>SEP 2013</td>
<td>MAY 2018</td>
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9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM
None

b. PLANNED IN NEXT THREE YEARS
None

10. MISSION OR MAJOR FUNCTIONS
Military Dependent Education

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:
None
1. COMPONENT  
DoDEA

2. Date  
February 2015

3. INSTALLATION AND LOCATION  
FORT BRAGG, NORTH CAROLINA

4. PROJECT TITLE:  
Butner Elementary School Replacement

5. PROGRAM ELEMENT  
FY 2016

6. CATEGORY CODE  
73046

7. PROJECT NUMBER  
AM00045

8. PROJECT COST ($000)  
32,944

9. COST ESTIMATES

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</table>

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Construct a multi-story, elementary school composed of shallow foundation, steel frame, and primarily brick masonry exterior wall finish. Roofing will be standing seam metal with some areas of low slope membrane. Interior construction will consist of masonry, metal stud, and operable/movable partition walls. Interior spaces include neighborhoods, studios, learning hubs, staff collaboration areas, computing center, art room, music suites, occupational therapy/physical therapy, a commons area, performance space, information center, a physical education area with gymnasium, food service, administrative offices, guidance counseling center, a special education office, health services area, maintenance support, central storage area, technology service center, and other required areas for a fully functioning elementary school. The project includes site improvements such as canopies, site preparation, site improvements, low impact development, environmental mitigation, signage, fencing, paving, landscaping, covered walkways, exterior lighting, utilities, playground areas, mechanical enclosure, dumpster enclosure, service yard, storm water piping and management areas. Cafeteria, food service and information center areas were sized for the future elementary school population.

The project includes related infrastructure such as electrical, gas, communications, water, sewer, storm drainage, staff and visitor parking areas, parent drop off lane, mechanical rooms, emergency access lanes, bus loading/unloading areas, and delivery areas.

The project will require demolition of 7 buildings for a total of approximately 75,844 SF.
The project will require environmental mitigation to include preparation of a Historic Preservation Plan for the school that will be demolished.

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

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: 345 Tons

PROJECT:
Replace the existing elementary school facility by constructing a new elementary school facility.

REQUIREMENT:
The new school is required to provide adequate academic facilities for 465 students in grades Pre-Kindergarten through Second Grade. School population based on 2018 school year.

CURRENT SITUATION:
The current Butner Elementary School is a 70,937 SF facility that was originally constructed in 1959 including a 5,700 SF addition constructed in 2004. The school has a poor facility condition rating; it is more economical to replace than to repair. The following systems are expired or are failing and in need of replacement; HVAC, plumbing, and electrical systems. The facility does not meet the DoDEA’s Education Facilities Specifications to include classrooms, learning environments, and food service. Classrooms lack functionality and are inadequately sized. The facility does not meet the current criteria for learning environments. The kitchen needs many upgrades and has outdated equipment for the food service program. Primary concerns about the school include pick-up and drop-off issues, inefficient Heating Ventilation Air Conditioning (HVAC) systems, plumbing systems, water infiltration, and electrical deficiencies. There are three portable classrooms in use that do not meet educational facility specifications or standards. The facility does not meet current AT/FP, ADA, NFPA codes and does not meet current federal energy and sustainability mandates.

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 a new facility is not provided, the substandard environment will continue to hamper the educational process and the school will not be able to support the curriculum and provide for a safe facility. The required maintenance and repair of expired and failing systems will continue to strain maintenance capabilities and budgets if the facility is not replaced.

ADDITIONAL:
This project has been coordinated with the installation physical security plans and all AT/FP measures are included.
<table>
<thead>
<tr>
<th>1. COMPONENT</th>
<th>FY 2016 MILITARY CONSTRUCTION PROJECT DATA</th>
<th>2. Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>DoDEA</td>
<td></td>
<td>February 2015</td>
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</table>

<table>
<thead>
<tr>
<th>3. INSTALLATION AND LOCATION</th>
<th>4. PROJECT TITLE:</th>
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</thead>
<tbody>
<tr>
<td>FORT BRAGG, NORTH CAROLINA</td>
<td>Butner Elementary School Replacement</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>5. PROGRAM ELEMENT</th>
<th>6. CATEGORY CODE</th>
<th>7. PROJECT NUMBER</th>
<th>8. PROJECT COST (000)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>73046</td>
<td>AM00045</td>
<td>32,944</td>
</tr>
</tbody>
</table>

**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 (571) 372-1405

**12. Supplemental Data:**

Site Approval: Yes [X] Obtained Date: July 2014

No [ ] Expected Date:

Issues: (state no issue or BRIEFLY explain the issue below)

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: Historic Mitigation
e. Clearing of trees: Yes
f. Known contamination at selected site: No Issue
g. Operational problems: No Issue
h. Traffic patterns impact: Traffic Study Not Required
i. Existing utilities upgrade: No Issue
j. Ordnance sweep required prior to construction: No Issue

Planning:
Consistent with Installation Master Plan: Yes

Host Nation Approval: Country, N/A

National Capital Region Approval: N/A

NEPA Documentation Complete: Y
Level of NEPA: Environmental Assessment

**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:
1. COMPONENT
DoDEA

2. Date
February 2015

3. INSTALLATION AND LOCATION
FORT BRAGG, NORTH CAROLINA

4. PROJECT TITLE:
Butner Elementary School Replacement

5. PROGRAM ELEMENT

6. CATEGORY CODE
73046

7. PROJECT NUMBER
AM00045

8. PROJECT COST ($000)
32,944

(a) Design Start Date
SEP 2013

(b) Parametric Cost Estimate Used to Develop Costs
YES

(c) Percent of Design Completed as of 1 Jan 2015
15%

(d) Expected 35% Design Date
FEB 2015

(e) 100% Design Completion Date
NOV 2015

(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
3,294
(d) Contract
1,977
(e) In-house
1,317

(4) Construction Contract Award Date
MAR 2016

(5) Construction Start Date
MAY 2016

(6) Construction Completion Date
MAY 2018

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

<table>
<thead>
<tr>
<th>Equipment Nomenclature</th>
<th>Procuring Appropriation</th>
<th>Fiscal Year</th>
<th>Appropriated Or Requested</th>
<th>Cost ($000)</th>
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<td>2018</td>
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<tr>
<td>Kitchen</td>
<td>O&amp;M</td>
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<td>Education Supplies</td>
<td>O&amp;M</td>
<td>2018</td>
<td>889</td>
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<td>Security Equipment</td>
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<td>2018</td>
<td>53</td>
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</table>
1. COMPONENT
DoDEA

2. Date
February 2015

3. Installation and Location
FORT JACKSON, SOUTH CAROLINA

4. COMMAND
DoDEA

5. AREA CONSTRUCTION COST INDEX
0.82

6. PERSONNEL STRENGTH

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<tr>
<th>PERMANENT</th>
<th>STUDENTS</th>
<th>SUPPORTED</th>
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<tr>
<td>OFFICER</td>
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<tr>
<td>a. AS OF 31 OCT 2014</td>
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<td>b. END FY 2018</td>
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7. INVENTORY DATA ($000)

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<th>AUTHORIZATION NOT YET IN INVENTORY</th>
<th>AUTHORIZATION REQUESTED IN THIS PROGRAM</th>
<th>AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM</th>
<th>PLANNED IN NEXT THREE PROGRAM YEARS</th>
<th>REMAINING DEFICIENCY</th>
<th>GRAND TOTAL</th>
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<tr>
<td></td>
<td></td>
<td></td>
<td>26,157</td>
<td></td>
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8. PROJECTS REQUESTED IN THIS PROGRAM

<table>
<thead>
<tr>
<th>CATEGORY CODE</th>
<th>PROJECT TITLE</th>
<th>SCOPE</th>
<th>COST ($000)</th>
<th>DESIGN START</th>
<th>STATUS COMPLETED</th>
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<tbody>
<tr>
<td>73046</td>
<td>Replace Pierce Terrace Elementary School</td>
<td>76,744 SF</td>
<td>26,157</td>
<td>SEP 2014</td>
<td>MAY 2018</td>
</tr>
</tbody>
</table>

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM
   None

b. PLANNED IN NEXT THREE YEARS
   None

10. MISSION OR MAJOR FUNCTIONS
    Military Dependent Education

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:
    None
1. COMPONENT
DoDEA

2. Date
February 2015

3. INSTALLATION AND LOCATION
FORT JACKSON, SOUTH CAROLINA

4. PROJECT TITLE:
Pierce Terrace Elementary School Replacement

5. PROGRAM ELEMENT
6. CATEGORY CODE
73046

7. PROJECT NUMBER
AM00035

8. PROJECT COST ($000)
26,157

9. COST ESTIMATES

<table>
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<tr>
<th>Item</th>
<th>U/M</th>
<th>Quantity</th>
<th>Unit Cost</th>
<th>Cost ($000)</th>
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<tr>
<td>PRIMARY FACILITIES</td>
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</tr>
<tr>
<td>PIERCE TERRACE ELEMENTARY SCHOOL (73046)</td>
<td>SF</td>
<td>76,744</td>
<td>205.38</td>
<td>16,232</td>
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<tr>
<td>SDD AND FEDERAL ENERGY ACTS COMPLIANCE</td>
<td>LS</td>
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<td>SUPPORTING FACILITIES</td>
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<td>ELECTRICAL/GAS UTILITIES</td>
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<td>COMMUNICATION UTILITIES</td>
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<tr>
<td>SITE PREPARATION</td>
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<tr>
<td>ROADS, SIDEWALKS AND PARKING</td>
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<td>856</td>
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<tr>
<td>SITE IMPROVEMENTS</td>
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<tr>
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<td>SF</td>
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<td>LOW IMPACT DEVELOPMENT</td>
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</table>

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Construct a multi-story elementary school composed of shallow foundation, steel or wood frame, with concrete masonry unit or metal or wood stud, and brick masonry or wood exterior wall finish. Roofing will be standing seam metal and/or low slope membrane. Interior construction will consist of wood, steel, masonry, gypsum, metal or wood studs, and movable/operable partition walls. Interior spaces include neighborhoods, studios, learning hubs, staff collaboration areas, computing center, art room, music suites, occupational therapy/physical therapy, a commons area, performance space, information center, a physical education area with gymnasium, food service, administrative offices, guidance counseling center, a special education office, health services area, maintenance support, central storage area, technology service center, and other required areas for a fully functioning elementary school. The project includes site improvements such as signage, fencing, paving, landscaping, covered walkways, exterior lighting, utilities, and playground area. Cafeteria, food service and information center areas were sized for the future Elementary School population.

The project includes related infrastructure such as water, sewer, electrical, staff and visitor parking areas, parent drop off lane, mechanical rooms, emergency access lanes, bus loading/unloading areas, and delivery areas.

The project will require demolition of 3 buildings for a total of approximately 44,309 SF.

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
<table>
<thead>
<tr>
<th>1. COMPONENT</th>
<th>FY 2016 MILITARY CONSTRUCTION PROJECT DATA</th>
<th>2. Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>DoDEA</td>
<td></td>
<td>February 2015</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3. INSTALLATION AND LOCATION</th>
<th>4. PROJECT TITLE:</th>
</tr>
</thead>
<tbody>
<tr>
<td>FORT JACKSON, SOUTH CAROLINA</td>
<td>Pierce Terrace Elementary School Replacement</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>5. PROGRAM ELEMENT</th>
<th>6. CATEGORY CODE</th>
<th>7. PROJECT NUMBER</th>
<th>8. PROJECT COST ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>73046</td>
<td>AM00035</td>
<td>26,157</td>
</tr>
</tbody>
</table>

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 is required.

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: 280 Tons

11. REQUIREMENT:  76,744 SF ADQT: 0 SF  SUBSTD: 44,309 SF

PROJECT:

Replace the existing pre-kindergarten through first grade elementary school facility by constructing a new pre-kindergarten through second grade school facility.

REQUIREMENT:

The new school is required to provide adequate academic facilities for 325 students in grades pre-kindergarten through second grade. School population based on 2018 school year.

CURRENT SITUATION:

The current Pierce Terrace Elementary School is a 36,621 SF facility that was originally constructed in 1972. One small addition Building 5713 (902 SF) was constructed in 1982. The school supports pre-kindergarten through first grade. The school has a poor facility condition rating; it is more economical to replace than to repair. The following systems are expired or are failing and in need of replacement: floors, wall finishes, ceiling finishes, windows, lighting, doors, fire alarm systems, exterior finishes, casework, plumbing piping, electrical distribution, and HVAC systems. The facility does not meet the DoDEA’s Education Facilities Specifications to include undersized classrooms, inadequate facilities, poorly configured buildings, and has no gym. Water infiltration has interrupted school operations and resulted in the need for roof repairs and floor replacements. Bathrooms and plumbing are in severe need of renovation. There is only a warming kitchen; food is prepared at Pinckney Elementary School. The facility does not meet current AT/FP and ADA standards and does not meet current federal energy and sustainability mandates.

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 a new facility is not provided, the substandard environment will continue to hamper the educational process and the school will not be able to support the curriculum and provide for a safe facility. The required maintenance and repair of expired and failing systems will continue to strain maintenance capabilities and budgets if the facility is not replaced.

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.
<table>
<thead>
<tr>
<th>1. COMPONENT</th>
<th>FY 2016 MILITARY CONSTRUCTION PROJECT DATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>DoDEA</td>
<td></td>
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<tr>
<th>3. INSTALLATION AND LOCATION</th>
<th>4. PROJECT TITLE:</th>
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<td>Pierce Terrace Elementary School Replacement</td>
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<thead>
<tr>
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<th>6. CATEGORY CODE</th>
<th>7. PROJECT NUMBER</th>
<th>8. PROJECT COST ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>73046</td>
<td>AM00035</td>
<td>26,157</td>
</tr>
</tbody>
</table>

**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 (571) 372-1405

<table>
<thead>
<tr>
<th>12. Supplemental Data:</th>
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</thead>
<tbody>
<tr>
<td>Site Approval: Yes</td>
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<tr>
<td>No</td>
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</table>

Issues: (state no issue or BRIEFLY explain the issue below)

- 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: Yes
- f. Known contamination at selected site: No issue
- g. Operational problems: No issue
- h. Traffic patterns impact: No issue
- i. Existing utilities upgrade: NEC must provide approx. 3,350’ off site extension of copper to building from Lee Blvd.
- j. Ordnance sweep required prior to construction: No issue

Planning:
Consistent with Installation Master Plan: Yes

Host Nation Approval: N/A

National Capital Region Approval: N/A

NEPA Documentation Complete: Y
Level of NEPA: Environmental Assessment

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 | OCT 2014
   (b) Parametric Cost Estimate Used to Develop Costs | YES
   (c) Percent of Design Completed as of 1 Jan 2015 | 15%
   (d) Expected 35% Design Date | JUL 2015
1. COMPONENT
DoDEA

2. Date
February 2015

3. INSTALLATION AND LOCATION
FORT JACKSON, SOUTH CAROLINA

4. PROJECT TITLE:
Pierce Terrace Elementary School Replacement

5. PROGRAM ELEMENT

6. CATEGORY CODE
73046

7. PROJECT NUMBER
AM00035

8. PROJECT COST ($000)
26,157

(e) 100% Design Completion Date
JUN 2016

(f) Type of Design Contract:
Design/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
1,671
(b) All Other Design Costs
1,002
(c) Total Design Cost
2,673
(e) In-house
669

(4) Construction Contract Award Date
OCT 2015

(5) Construction Start Date
JAN 2016

(6) Construction Completion Date
MAY 2018

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

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Procuring</th>
<th>Appropriation</th>
<th>Fiscal Year</th>
<th>Appropriated Or Requested</th>
<th>Cost ($000)</th>
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<tr>
<td>Furnishings</td>
<td>O&amp;M</td>
<td>2018</td>
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<td>O&amp;M</td>
<td>2018</td>
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<td>IT</td>
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### 1. COMPONENT
DoDEA

### 2. Date
February 2015

### 3. Installation and Location
USAG GARMISCH, GERMANY

### 4. COMMAND
DoDEA

### 5. AREA CONSTRUCTION COST INDEX
1.28

### 6. PERSONNEL STRENGTH

<table>
<thead>
<tr>
<th>PERMANENT</th>
<th>STUDENTS</th>
<th>SUPPORTED</th>
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<tr>
<td>OFFICER</td>
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<tr>
<td>a. AS OF 31 OCT 2014</td>
<td>94</td>
<td>94</td>
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<tr>
<td>b. END FY 2018</td>
<td>115</td>
<td>115</td>
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### 7. INVENTORY DATA ($000)

- TOTAL ACREAGE: 0
- INVENTORY TOTAL AS OF: 0
- AUTHORIZATION NOT YET IN INVENTORY: 0
- AUTHORIZATION REQUESTED IN THIS PROGRAM: 14,676
- AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM: 0
- PLANNED IN NEXT THREE PROGRAM YEARS: 0
- REMAINING DEFICIENCY: 0
- GRAND TOTAL: 14,676

### 8. PROJECTS INCLUDED IN THIS PROGRAM

<table>
<thead>
<tr>
<th>CATEGORY CODE</th>
<th>PROJECT TITLE</th>
<th>SCOPE</th>
<th>COST ($000)</th>
<th>DESIGN START</th>
<th>STATUS COMPLETE</th>
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<tbody>
<tr>
<td>73046</td>
<td>Addition/Modernization Garmisch Elementary/Middle School</td>
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<td>14,676</td>
<td>SEP 2013</td>
<td>MAY 2018</td>
</tr>
</tbody>
</table>

### 9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM
   - None

b. PLANNED IN NEXT THREE YEARS
   - None

### 10. MISSION OR MAJOR FUNCTIONS
   - Military Dependent Education

### 11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:
   - NONE
1. COMPONENT
DoDEA

2. Date
February 2015

3. INSTALLATION AND LOCATION
USAG GARMISCH, GERMANY

4. PROJECT TITLE:
Garmisch Elementary/Middle School
Addition/Modernization

5. PROGRAM ELEMENT

6. CATEGORY CODE
73046

7. PROJECT NUMBER
EU00061

8. PROJECT COST ($000)
14,676

9. COST ESTIMATES

<table>
<thead>
<tr>
<th>Item</th>
<th>U/M</th>
<th>Quantity</th>
<th>Unit Cost</th>
<th>Cost ($000)</th>
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<td>ROADS, SIDEWALKS, AND PARKING</td>
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<td>SITE IMPROVEMENTS</td>
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<td>LOW IMPACT DEVELOPMENT</td>
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</table>

ESTIMATED CONTRACT COST                   |     |          |           | 13,002      |
CONTINGENCY (5%)                          |     |          |           | 650         |
SUBTOTAL                                  |     |          |           | 13,652      |
SUPERVISION, INSPECTION & OVERHEAD (6.5%) |     |          |           | 887         |
ENGINEERING DURING CONSTRUCTION (1%)      |     |          |           | 137         |
TOTAL REQUEST                             |     |          |           | 14,676      |
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD) |     |          |           | 753         |

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Construct an addition composed of poured concrete, reinforced concrete/steel structure and stucco exterior. Interior construction will consist of plastered reinforced concrete walls, masonry and or movable/operable partition walls. Renovate the existing facilities to include repurposing spaces and modernization. Interior spaces to be provided either by repurposing or new construction include –information center, a flex (computer) lab, gymnasium/multipurpose room (MPR), foodservice (kitchen/dining), supply areas, specialist rooms, art and music specialty rooms, learning impaired space, counseling area, storage, health center, administrative offices, performance area, and other required areas for a fully functioning Elementary/Middle school in accordance with DoDEA Education Facility Specifications. Cafeteria, food service, information center, and performance area were sized for future student school population.

The project includes site improvements such as egress and accessibility upgrades, replacement of architectural components and finishes, and fire protection improvements to meet current codes.

The project includes related infrastructure such as walkways, replacement/upgrade of existing utilities, structural repair and upgrades, sidewalks, replacement of architectural components and finishes, fire access lanes, playgrounds, landscaping, site lighting, force protection measures, fencing and gates. The project will also require minor hazardous material abatement of the existing facility.

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


Air Conditioning Load: 5 TONS

11. REQUIREMENT: 41,216 SF ADQT: 0 SF SUBSTD: 27,376 SF

PROJECT:

This project constructs a new 13,840 SF addition; and repurpose and/or modernization of the existing elementary/middle school.

REQUIREMENT:

The new school is required to provide adequate academic facilities for 115 students in grades kindergarten through 8. School population based on 2018 enrollment year. Requirement aligns with the results of the European Infrastructure Consolidation study.

CURRENT SITUATION:

The current Garmisch Elementary/Middle school was built in 1952. The school has a poor quality condition rating, has some aging infrastructure and most importantly, is significantly undersized for the current population and the DoDEA educational mission and requirements.

The facility does not meet the DoDEA’s Education Facilities Specifications to include missing a gymnasium, music room, science lab, computer lab and kitchen for the meal program. The multi-purpose room is undersized to support both foodservice and physical education programs. There are notable NFPA Life Safety problems, ABA code violations and no fire suppression systems, as the facilities were constructed under different code requirements. Electrical/communication systems and distribution are in need of minor repairs. Emergency lighting is only provided in limited areas. Mechanical ventilation is very limited in the existing facility, some structural components in the roof attic show signs of moderate to extreme stress. The telephone and PA systems need complete overhaul. The facilities do not meet construction standards for energy efficiency, with aging mechanical/electrical components and limited insulation for the exterior building envelope. The existing facilities do not meet 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 a new facility is not provided, the substandard environment will continue to hamper the educational process and the school will not be able to support the curriculum and provide for a safe facility.

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:
<table>
<thead>
<tr>
<th>1. COMPONENT</th>
<th>FY 2016 MILITARY CONSTRUCTION PROJECT DATA</th>
<th>2. Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>DoDEA</td>
<td></td>
<td>February 2015</td>
</tr>
<tr>
<td>3. INSTALLATION AND LOCATION</td>
<td>USAG GARMISCH, GERMANY</td>
<td></td>
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<tr>
<td>4. PROJECT TITLE:</td>
<td>Garmisch Elementary/Middle School Addition/Modernization</td>
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<td>5. PROGRAM ELEMENT</td>
<td>6. CATEGORY CODE</td>
<td>7. PROJECT NUMBER</td>
</tr>
<tr>
<td></td>
<td>73046</td>
<td>EU00061</td>
</tr>
</tbody>
</table>

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

DoDEA POC (571) 372-1405

12. Supplemental Data:

Site Approval: Yes [X] Obtained Date: April 2012

No Expected Date:

Issues: (state no issue or explain the issue)

a. DDESAB, AICUZ, Airfield, EMR, or wetlands: No Issue
b. Endangered species/sensitive habitat: No Issue
c. Air quality: No Issue
d. Cultural/archeological resources: No Issue
e. Clearing of trees: No Issue
f. Known contamination at selected site: Radon contaminated soil is known to be present
g. Operational problems: No Issue
h. Traffic patterns impact: No Issue
i. Existing utilities upgrade: No Issue
j. Ordnance sweep required prior to construction: No Issue

Planning:

Consistent with Installation Master Plan: YES
Host Nation Approval: N/A
National Capital Region Approval: N/A
NEPA Documentation Complete: YES
Level of NEPA: Categorical Exclusion

Mitigation Issues:

a. Wetlands replacement/enhancement: NO
b. Hazardous Waste: NO
c. Contaminated soil/water: Radon contaminated soil is known to be present in this area.
d. Other: NO
e. 

A. Design Data (Estimated):

(1) Status:

   (a) Design Start Sept 2013
   (b) Parametric Cost Estimate Used to Develop Costs Yes
   (c) Percent of Design Completed as of 1 Jan 2015 15%
   (d) Expected 35% Design Date FEB 2015
   (e) 100% Design Completion Date NOV 2015
   (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
1. COMPONENT
DoDEA

2. Date
February 2015

3. INSTALLATION AND LOCATION
USAG GARMISCH, GERMANY

4. PROJECT TITLE:
Garmisch Elementary/Middle School
Addition/Modernization

5. PROGRAM ELEMENT

6. CATEGORY CODE
73046

7. PROJECT NUMBER
EU00061

8. PROJECT COST ($000)
14,676

(b) All Other Design Costs
(c) Total Design Cost
(d) Contract
(e) In-house

(4) Construction Contract Award Date
MAR 2016
(5) Construction Start Date
MAY 2016
(6) Construction Completion Date (36mos total)
MAY 2018

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

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Fiscal Year</th>
<th>Appropriation</th>
<th>Appropriated</th>
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<td>100</td>
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<td>IT</td>
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<td>Security Equipment</td>
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1. COMPONENT
DoDEA

FY 2016 MILITARY CONSTRUCTION PROGRAM

2. Date
February 2015

3. Installation and Location
GRAFENWOEHR, GERMANY

4. COMMAND
DoDEA

5. AREA CONSTRUCTION COST INDEX
1.28

6. PERSONNEL STRENGTH

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<td>AUTHORIZATION NOT YET IN INVENTORY</td>
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<tr>
<td>AUTHORIZATION REQUESTED IN THIS PROGRAM</td>
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<td>AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM</td>
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<td>PLANNED IN NEXT THREE PROGRAM YEARS</td>
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<td>REMAINING DEFICIENCY</td>
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<td>GRAND TOTAL</td>
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8. PROJECTS REQUESTED IN THIS PROGRAM

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<tr>
<th>CATEGORY CODE</th>
<th>PROJECT TITLE</th>
<th>SCOPE</th>
<th>COST ($000)</th>
<th>DESIGN START</th>
<th>STATUS COMPLETE</th>
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<td>73046</td>
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<td>MAY 2019</td>
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9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM
   None

b. PLANNED IN NEXT THREE YEARS
   None

10. MISSION OR MAJOR FUNCTIONS
    Military Dependent Education

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:
    None
1. COMPONENT: DoDEA

2. Date: February 2015

3. INSTALLATION AND LOCATION: USAG GRAFENWOEHR, GERMANY

4. PROJECT TITLE: Grafenwoehr Elementary School Replacement

5. PROGRAM ELEMENT:

6. CATEGORY CODE: 73046

7. PROJECT NUMBER: EU00068

8. PROJECT COST ($000): 38,138

9. COST ESTIMATES:

<table>
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<th>Item</th>
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<th>Quantity</th>
<th>Unit Cost</th>
<th>Cost ($000)</th>
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<td>PRIMARY FACILITIES</td>
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10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Construct a multi-story elementary school, composed of poured concrete foundations; concrete slabs, concrete or steel supporting structures; masonry and brick walls. Interior construction may consist of plastered reinforced concrete walls, masonry, movable/operable partitions, gypsum board partitions or other interior wall systems as appropriate for the various program spaces and uses. Interior spaces include neighborhoods, studios, learning hubs, common areas, music room, science rooms, art room, gymnasium, multipurpose room and cafeteria and kitchen, information centers, computer lab, supply area, faculty work rooms, counseling areas, specialists’ rooms, learning impaired rooms, storage, administrative offices, staff collaboration areas, bathrooms and other required areas for a fully functioning elementary school. The project includes site improvements such as signage, fencing, paving, landscaping, covered walkways, exterior lighting, utilities, and playground area. The common areas (dining, performance, foodservice, and information center) areas are to be sized for future elementary school population.

Construct a storage building, composed of poured concrete foundations; concrete slabs, concrete, steel, or wood supporting structures; masonry and brick or wood walls. Interior construction may consist of gypsum board partitions or other interior wall systems as appropriate for storage use. Interior space shall provide an enclosed dry space for storing landscape equipment and building maintenance items that do not require special security or controlled environment storage.

The project includes related infrastructure such as water, sewer, electrical, staff and visitor parking areas, parent drop...
The project will require demolition of playgrounds and associated play structures at the existing ES site. The existing school will be returned to the Installation for disposition.

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

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, Host Nation environmental laws and regulations, Standards of Seismic Safety for Federally Owned Buildings, and energy and water conservation standards.

Air Conditioning Load: 25 Tons

PROJECT:
Replace the existing elementary school facility by constructing a new pre-kindergarten through second grade school facility.

REQUIREMENT:
A new elementary school is required to provide adequate facilities for 400 students in grades K through 5. School student population is based 2018 enrollment year. Requirement aligns with the results of the European Infrastructure Consolidation study.

CURRENT SITUATION:
The current elementary school is a 61,207 SF facility that was originally constructed in 1946. There were two minor additions in 1960 and 1998. There are five temporary classroom buildings. The school has a poor facility condition rating; it is more economical to replace than to repair. The facility does not meet the DoDEA’s Education Facilities Specifications. The facility does not meet current AT/FP, ADA, and NFPA codes and does not meet current federal energy and sustainability mandates.

IMPACT IF NOT PROVIDED:
The continued use of deficient, inadequate, and undersized facilities that do not accommodate the current student population and will continue to impair the overall education program for students. If a new facility is not provided, the substandard environment will continue to hamper the educational process and the school will not be able to support the curriculum and provide for a safe facility. The required maintenance and repair of expired and failing systems will continue to strain maintenance capabilities and budgets if the facility is not replaced. The following systems are expired or are failing and are in need of replacement; facility deficiencies that are in need of renewal include electrical service, distribution and branch circuits, interior finishes and appurtenances, exterior windows, lighting and plumbing fixtures and water piping.

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.

DoDEA POC (571) 372-1405

12. Supplemental Data:

Site Approval: Yes [X] Obtained Date: May 2009

No [ ] Expected Date:

Issues: (state no issue or explain the issue below)

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 - Removal of ruins will be required by the Garrison.
e. Clearing of trees – Environmental compensation to host nation is required by the Garrison for tree cutting.
f. Known contamination at selected site - Contaminated soils to be remediated by the Garrison.
g. Operational problems - No Issue
h. Traffic patterns impact - No Issue
i. Existing utilities upgrade - No Issue
j. Ordnance sweep required prior to construction - No Issue

Planning:
Consistent with Installation Master Plan: Yes

Host Nation Approval: NA

National Capital Region Approval: NA

NEPA Documentation Complete: Y
Level of NEPA: Categorical Exclusion
Mitigation Issues:

a. Wetlands replacement/enhancement – N
b. Hazardous Waste – Y, old munitions storage site
c. Contaminated soil/water – Y, old munitions storage site
d. Other – N

A. Design Data (Estimated):
   (1) Status:
1. COMPONENT
DoDEA

2. Date
February 2015

3. INSTALLATION AND LOCATION
USAG GRAFENWOEHR, GERMANY

4. PROJECT TITLE:
Grafenwoehr Elementary School Replacement

5. PROGRAM ELEMENT
6. CATEGORY CODE
73046

7. PROJECT NUMBER
EU00068

8. PROJECT COST ($000)
38,138

(a) Design Start DateSEP 2013
(b) Parametric Cost Estimate Used to Develop CostsYES
(c) Percent of Design Completed as of 1 Jan 201515%
(d) Expected 35% Design DateFEB 2014
(e) 100% Design Completion DateNOV 2014
(f) Type of Design Contract:Design/Bid/Build

(2) Basis:
   (a) Standard or Definitive Design - (YES/NO)NO
   (b) Date Design was Most Recently UsedN/A

(3) Total Design Cost (c)=(a)+(b) OR (d)+(e):
   (a) Production of Plans and Specifications3,814
   (b) All Other Design Costs2,288
   (c) Total Design Cost1,526

(4) Construction Contract Award DateMAR 2016
(5) Construction Start DateMAY 2016
(6) Construction Completion DateMAY 2019

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

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<tr>
<th>Equipment</th>
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<th>Fiscal Year</th>
<th>Appropriated</th>
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1. COMPONENT
DoDEA

2. Date
February 2015

3. Installation and Location
USAG STUTTGART, PATCH BARRACKS, GERMANY

4. COMMAND
DoDEA

5. AREA CONSTRUCTION COST INDEX
1.25

6. PERSONNEL STRENGTH

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<tr>
<th>PERMANENT</th>
<th>STUDENTS</th>
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7. INVENTORY DATA ($000)

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<th>AUTHORIZATION REQUESTED IN THIS PROGRAM</th>
<th>AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM</th>
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<th>REMAINING DEFICIENCY</th>
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8. PROJECTS INCLUDED IN THIS PROGRAM

<table>
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<tr>
<th>CATEGORY CODE</th>
<th>PROJECT TITLE</th>
<th>SCOPE</th>
<th>COST ($000)</th>
<th>DESIGN START</th>
<th>STATUS COMPLETE</th>
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<td>73046</td>
<td>Replace Patch Elementary School</td>
<td>114,422 SF</td>
<td>49,413</td>
<td>SEP 2013</td>
<td>MAY 2019</td>
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</table>

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM
None

b. PLANNED IN NEXT THREE YEARS
None

10. MISSION OR MAJOR FUNCTIONS
Military Dependent Education

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:
None
1. COMPONENT: DoDEA

2. Date: February 2015

3. INSTALLATION AND LOCATION:
   PATCH BARRACKS, USAG STUTTGART, GERMANY

4. PROJECT TITLE:
   Patch Elementary School Replacement

5. PROGRAM ELEMENT

6. CATEGORY CODE
   73046

7. PROJECT NUMBER
   EU00051

8. PROJECT COST ($000)
   49,413

9. COST ESTIMATES

<table>
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<tr>
<th>Item</th>
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<th>Quantity</th>
<th>Unit Cost</th>
<th>Cost ($000)</th>
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<td>ANTITERRORISM (AT/FP) MEASURES</td>
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<td>ROADS, SIDEWALKS AND PARKING</td>
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<td>SITE IMPROVEMENTS</td>
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<tr>
<td>AT/FP</td>
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<td>ESTIMATED CONTRACT COST</td>
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<td>459</td>
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<td>TOTAL REQUEST</td>
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<td>EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)</td>
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<td>3,607</td>
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</table>

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

   Construct a multi-story elementary school composed of poured concrete, reinforced concrete/steel structure and stucco exterior. Interior construction will consist of plastered reinforced concrete walls, masonry and movable/operable partition walls. Interior spaces include: neighborhoods, studios, learning hubs, learning impaired rooms, staff collaboration areas, flex laboratories, art classrooms, kiln room, music rooms, occupational therapy/physical therapy room, shared commons space, performance space, stage, information center, gymnasium, kitchen/serving area, administrative offices, health center, guidance offices, meeting rooms, mechanical rooms, restrooms, halls, computer network areas, storage rooms, utility rooms, and other required areas for a fully functioning school. Commons areas (dining, performance, food service, and information center) were sized for the future school population.

   Construct a multi-story parking structure composed of poured concrete, reinforced concrete/steel structure and finished exterior. Interior construction will consist of reinforced concrete walls, open parking bays, stairwells, ramps, and other required areas for a fully functioning parking structure. The parking structure is sized for 160 personally operated vehicles (POV’s).

   Construct a storage building, composed of poured concrete foundations, concrete slabs, concrete, steel, or wood supporting structures; masonry and brick or wood walls. Interior construction may consist of gypsum board partitions.
or other interior wall systems as appropriate for storage use. Interior space shall provide an enclosed dry space for storing landscape equipment and building maintenance items that do not require special security or controlled environment storage.

Site improvements include bus loading and unloading areas, student drop-off area, parking for staff and visitors, delivery areas, playgrounds, exterior lighting, and recreation areas, signage, fencing, paving and parking areas for staff and visitors, exterior lighting, covered walkways, and landscaping.

The project includes related infrastructure such as water, sewer, storm drainage, and electrical service.

The project will require the demolition of 1 building for a total of approximately 83,853 SF.

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

This facility 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, as well as U.S. Federal and host nation environmental laws and regulations.

Air Conditioning Load: 17 tons

11. REQUIREMENT: 114,422 SF              ADQT: 0 SF                  SUBSTD: 83,853 SF

PROJECT:
Replace the existing elementary school facility by constructing a new elementary school facility.

REQUIREMENT:
The new school is required to provide adequate academic facilities for 551 students in grades Pre-Kindergarten through 5th. School population based on 2018 enrollment year.

CURRENT SITUATION:
The current elementary school is a 83,853 SF facility that was originally constructed in 1980. The school has a poor quality facility condition rating; it is more economical to replace than to repair. The facility does not meet the DoDEA’s Education Facilities Specifications to include undersized classrooms and the current number and layouts of the facilities have resulted in the loss of academic operational efficiencies. The facility does not meet current AT/FP, ADA, and NFPA codes and does not meet current federal energy and sustainability mandates.

IMPACT IF NOT PROVIDED:
The continued use of deficient, inadequate, and undersized facilities that do not accommodate the current student population and will continue to impair the overall education program for students. If a new facility is not provided, the substandard environment will continue to hamper the educational process and the school will not be able to support the curriculum and provide for a safe facility. The required maintenance and repair of expired and failing systems will continue to strain maintenance capabilities and budgets if the facility is not replaced. The following systems are
1. COMPONENT
DoDEA

2. Date
February 2015

3. INSTALLATION AND LOCATION
PATCH BARRACKS, USAG STUTTGART, GERMANY

4. PROJECT TITLE:
Patch Elementary School Replacement

5. PROGRAM ELEMENT

6. CATEGORY CODE
73046

7. PROJECT NUMBER
EU00051

8. PROJECT COST ($000)
49,413

expired or are failing and in need of replacement; electrical service, distribution and branch circuits, casework, ceiling finishes, elevator, emergency lights, exit lights, exterior doors and windows, fire alarm system, floor finishes, heating system, intercom system, interior doors and hardware, kitchen equipment, LAN, lighting, plumbing piping, roof, toilet partitions/accessories and wall finishes.

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.

DoDEA POC (571) 372-1405

12. Supplemental Data:

Site Approval: YES [X] Obtained Date: October 2014

No □ Expected Date:

Issues: (state no issue or explain the issue)

a. DDESAB, AICUZ, Airfield, EMR, or wetlands – No Issues
b. Endangered species/sensitive habitat– No Issues
c. Air quality – No Issues
d. Cultural/archeological resources – No Issues
e. Clearing of trees – Clearing of trees will be required
f. Known contamination at selected site – No Issues
g. Operational problems – No Issues
h. Traffic patterns impact – No Issues
i. Existing utilities upgrade – No Issues
j. Ordnance sweep required prior to construction – No Issues

Planning:
Consistent with Installation Master Plan: Yes

Host Nation Approval: NA

National Capital Region Approval: NA

NEPA Documentation Complete: Y
Level of NEPA: Categorical Exclusion
1. COMPONENT
DoDEA

2. Date
February 2015

3. INSTALLATION AND LOCATION
PATCH BARRACKS, USAG STUTTGART, GERMANY

4. PROJECT TITLE:
Patch Elementary School Replacement

5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST ($000)
73046 EU00051 49,413

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 2015
   (d) Expected 35% Design Date
   (e) 100% Design Completion Date
   (f) Type of Design Contract:

(2) Basis:
   (a) Standard or Definitive Design - (YES/NO)
   (b) Date Design was Most Recently Used

(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
   (d) Contract Cost
   (e) In-house

(4) Construction Contract Award Date
(5) Construction Start Date
(6) Construction Completion Date

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

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Fiscal Year</th>
<th>Appropriation</th>
<th>Appropriated</th>
<th>Cost ($000)</th>
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<tbody>
<tr>
<td>Furnishings</td>
<td>O&amp;M</td>
<td>FY18</td>
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<td>Kitchen</td>
<td>O&amp;M</td>
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<td>IT</td>
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1. COMPONENT  
DoDEA

### FY 2016 MILITARY CONSTRUCTION PROGRAM

2. Date  
February 2015

3. Installation and Location  
NAVTSA ROTA SP  
ROTA, SPAIN

4. COMMAND  
DoDEA

5. AREA CONSTRUCTION COST INDEX  
1.45

6. PERSONNEL STRENGTH

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<td>ENLISTED</td>
<td>CIVILIAN</td>
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- a. AS OF 31 OCT 2014  
  | 639 | 639 |

- b. END FY 2018  
  | 639 | 639 |

7. INVENTORY DATA ($000)

- TOTAL ACREAGE  
  0

- INVENTORY TOTAL AS OF  
  0

- AUTHORIZATION NOT YET IN INVENTORY  
  0

- AUTHORIZATION REQUESTED IN THIS PROGRAM  
  13,737

- AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM  
  0

- PLANNED IN NEXT THREE PROGRAM YEARS  
  0

- REMAINING DEFICIENCY  
  0

- GRAND TOTAL  
  13,737

8. PROJECTS REQUESTED IN THIS PROGRAM

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<tr>
<th>CATEGORY</th>
<th>PROJECT TITLE</th>
<th>SCOPE</th>
<th>COST ($000)</th>
<th>DESIGN START</th>
<th>STATUS COMPLETE</th>
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<tbody>
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<td>73061</td>
<td>Additions Rota Elementary School and High School</td>
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<td>Dec 2014</td>
<td>May 2018</td>
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9. FUTURE PROJECTS

- a. INCLUDED IN FOLLOWING PROGRAM  
  None

- b. PLANNED IN NEXT THREE YEARS  
  None

10. MISSION OR MAJOR FUNCTIONS  
    Military Dependent Education

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:  
    None
1. COMPONENT
   DoDEA

2. Date
   February 2015

3. INSTALLATION AND LOCATION
   NAVSTA ROTA, SPAIN

4. PROJECT TITLE:
   Rota Elementary and High Schools Additions

5. PROGRAM ELEMENT
   73061

6. CATEGORY CODE
   EU00115

7. PROJECT NUMBER
   13,737

8. PROJECT COST ($000)

9. COST ESTIMATES

<table>
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<tr>
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<th>Quantity</th>
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<th>Cost ($000)</th>
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<td>SPECIAL CONSTRUCTION FEATURES</td>
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<td>DEMOLITION (Temporary Facilities)</td>
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<td>12,777</td>
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<td>EQUIPMENT FORM OTHER APPROPRIATIONS (NON ADD)</td>
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<td>388</td>
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10. DESCRIPTION OF PROPOSED CONSTRUCTION:

   Construct four single - story buildings within the Rota School complex composed of nine (9) classrooms for the High School, four (4) classrooms and three (3) Kindergarten classrooms for the Elementary School. All additions to be composed of a reinforced concrete/steel structure with a stucco exterior to match existing structures within the school complex. All high school and elementary school classrooms will be general purpose-type classrooms and will include all related specifications and requirements for a fully functioning addition. The project includes site improvements such as additional paved Parking, paved Drop-Off area by Elementary School and a new Kindergarten playground area.

   The project includes related infrastructure such as water, sewer, electrical, mechanical rooms and emergency access lanes.

   This project demolishes all re-locatable structures currently used for classrooms and support spaces for a total of 14,600 SF and restores sites to previous condition.

   This project will require demolition of temporary buildings for a total of approximately 14,600 SF.

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

   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)
1. COMPONENT
DoDEA

2. Date
February 2015

3. INSTALLATION AND LOCATION
NAVSTA ROTA, SPAIN

4. PROJECT TITLE:
Rota Elementary and High Schools Additions

5. PROGRAM ELEMENT

6. CATEGORY CODE
73061

7. PROJECT NUMBER
EU00115

8. PROJECT COST ($000)
13,737


10. Air Conditioning Load: 87 Tons

11. REQUIREMENT: 220,862 SF ADQT: 196,826 SF SUBSTD: 14,600 SF

PROJECT:
Construct classroom additions to the existing Elementary and High Schools.

REQUIREMENT:
This project replaces nine re-locatable structures for high school, four re-locatable structures for elementary school and three re-locatable structures for kindergarten. These structures are to be constructed to meet new classroom requirements resulting from the force structure changes at Rota, Spain beginning in 2014. The additions are required to provide adequate academic facilities for 133 ES students and 189 HS students.

CURRENT SITUATION:
Nine re-locatable structures for high school, four for elementary and three for kindergarten are in place to address student population increases as a result of Navy force structure changes. These trailers must be removed from the site and a permanent solution must be in place as re-locatable structures are not suitable for long-term use as classrooms.

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 a new facility is not provided, the substandard environment will continue to hamper the educational process and the school will not be able to support the curriculum and provide for a safe facility. Temporary structures will have to be used for the long-term. These structures deteriorate rapidly and are expensive to operate and maintain.

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

2. Date: February 2015

3. INSTALLATION AND LOCATION:
   NAVSTA ROTA, SPAIN

4. PROJECT TITLE:
   Rota Elementary and High Schools Additions

5. PROGRAM ELEMENT:

6. CATEGORY CODE:
   73061

7. PROJECT NUMBER:
   EU00115

8. PROJECT COST ($000):
   13,737

DoDEA POC (571) 372-1405

12. Supplemental Data:

<table>
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<tr>
<th>Site Approval</th>
<th>Yes</th>
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<tr>
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<td>No</td>
<td>Expected Date:</td>
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</table>

Issues: (no issues)

- a. DDESB, AICUZ, Airfield, EMR, or wetlands – Project requires blast overpressure analysis
- 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 – No issue
- i. Existing utilities upgrade – No issue
- j. Ordnance sweep required prior to construction – No issue

Planning:
Consistent with Installation Master Plan: Yes

Host Nation Approval: Country, Approval Date: 07/2014

National Capital Region Approval: N/A

NEPA Documentation Complete: Yes
Level of NEPA: Categorical Exclusion

Mitigation Issues:

- a. Wetlands replacement/enhancement – NO
- b. Hazardous Waste – NO
- c. Contaminated soil/water – NO
- d. Other – NO

A. Design Data (Estimated):
(1) Status:
   (a) Design Start Date: December 2013
   (b) Parametric Cost Estimate Used to Develop Costs: 03/2015
   (c) Percent of Design Completed as of 1 Jan 2015: 15%
   (d) Expected 35% Design Date: 06/2015
   (e) 100% Design Completion Date: 08/2015
   (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
1. COMPONENT: DoDEA

2. Date: February 2015

3. INSTALLATION AND LOCATION: NAVSTA ROTA, SPAIN

4. PROJECT TITLE: Rota Elementary and High Schools Additions

5. PROGRAM ELEMENT

6. CATEGORY CODE: 73061

7. PROJECT NUMBER: EU00115

8. PROJECT COST ($000): 13,737

(3) Total Design Cost = (a) + (b) OR (d) + (e):
   (a) Production of Plans and Specifications
   (b) All Other Design Costs
   (c) Total Design Cost: 1,374
   (d) Contract: 824
   (e) In-house: 550

(4) Construction Contract Award Date: MAR 2016
(5) Construction Start Date: MAY 2016
(6) Construction Completion Date: MAY 2018

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

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Procuring Appropriation</th>
<th>Fiscal Year</th>
<th>Appropriated Or Requested</th>
<th>Cost ($000)</th>
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