<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Georgia</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fort Benning</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dexter Elementary School Construct Gym</td>
<td>2,800</td>
<td>2,800</td>
<td>C</td>
<td>74</td>
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<tr>
<td><strong>New York</strong></td>
<td></td>
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<tr>
<td>U.S. Military Academy, West Point</td>
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<tr>
<td>West Point Middle School Addition/Alteration</td>
<td>27,960</td>
<td>27,960</td>
<td>C</td>
<td>78</td>
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<tr>
<td><strong>North Carolina</strong></td>
<td></td>
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<tr>
<td>Camp Lejeune</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Tarawa Terrace I Elementary School Replacement</td>
<td>16,646</td>
<td>16,646</td>
<td>C</td>
<td>63</td>
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<tr>
<td>Fort Bragg</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Murray Elementary School Replacement</td>
<td>22,000</td>
<td>22,000</td>
<td>C</td>
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<tr>
<td>McNair Elementary School Replacement</td>
<td>23,086</td>
<td>23,086</td>
<td>C</td>
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<tr>
<td><strong>Virginia</strong></td>
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<td>Quantico</td>
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</tr>
<tr>
<td>New Consolidated Elementary School</td>
<td>47,355</td>
<td>47,355</td>
<td>C</td>
<td>80</td>
</tr>
<tr>
<td><strong>Belgium</strong></td>
<td></td>
<td></td>
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<td>Brussels</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>SHAPE Middle/High School Replacement</td>
<td>67,311</td>
<td>67,311</td>
<td>C</td>
<td>52</td>
</tr>
<tr>
<td><strong>Germany</strong></td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>Boeblingen (Panzer Kaserne)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Replace Boeblingen High Scholl</td>
<td>48,968</td>
<td>48,968</td>
<td>C</td>
<td>60</td>
</tr>
<tr>
<td><strong>Puerto Rico</strong></td>
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<td>Fort Buchanan</td>
<td></td>
<td></td>
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<tr>
<td>Antilles Elementary/Intermediate School</td>
<td>58,708</td>
<td>58,708</td>
<td>C</td>
<td>55</td>
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<td><strong>United Kingdom</strong></td>
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<tr>
<td>RAF Alconbury</td>
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<tr>
<td>Alconbury Elementary School Replacement</td>
<td>30,308</td>
<td>30,308</td>
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<td><strong>Total</strong></td>
<td>345,142</td>
<td>345,142</td>
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</tr>
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</table>
1. COMPONENT
   DoDEA

2. Date
   February 2010

3. Installation and Location
   SHAPE, Mons (Brussels), Belgium

4. COMMAND
   DoDEA

5. AREA CONSTRUCTION COST INDEX
   1.01

6. PERSONNEL STRENGTH
   | PERMANENT | STUDENTS | SUPPORTED |
   | OFFICER | ENLISTED | CIVILIAN | OFFICER | ENLISTED | CIVILIAN | OFFICER | ENLISTED | CIVILIAN | TOTAL |
   |---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|
   a. AS OF 30 SEP 2009 | 494 | 494 |
   b. END FY 2014 | 791 | 791 |

7. INVENTORY DATA ($000)
<table>
<thead>
<tr>
<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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</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
<td>0</td>
<td>67,311</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>67,311</td>
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</table>

8. PROJECT LIST
<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>
</tr>
</thead>
<tbody>
<tr>
<td>730-46</td>
<td>Replace Schools</td>
<td>172,972 SF</td>
<td>67,311</td>
<td>Jun 2009</td>
<td>Jun 2014</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
    Education

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

2. Date: February 2010

3. Installation and Location: Mons (Brussels), Belgium

4. Project Title: SHAPE Middle and High School Replacement

5. Program Element: 730-46

6. Category Code: D9124-1

7. Project Number: 67,311

8. Project Cost ($000): 67,311

9. Cost Estimates:

<table>
<thead>
<tr>
<th>Description of Proposed Construction:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construct new high school and a middle school addition to the elementary school. The project will include general purpose classrooms, host nation rooms, art room, music room, gymnasium, auxiliary gymnasium, multipurpose room, information center, specialist rooms, learning impaired, reading recovery, computer labs, JROTC, science labs, supply areas, teacher work rooms, counseling areas, storage and administrative offices. The schools are sized for a projected enrollment of 791 students in grades 6 through 12 and include an increase in the number of international students of NATO members stationed at SHAPE. These international students are enrolled on a space required, tuition free basis under the authority of the 2007 National Defense Authorization Act. This project will construct a 9-12 high school and a 6-8 middle school addition, which will include some common facilities to be shared with an elementary school. Project will provide temporary classroom facilities for DoD and other students attending the SHAPE International Schools. Project will include the demolition of buildings 703 (partial), 704, 706, 713, 715, and 722 (totaling 169,250 SF). Project includes related infrastructure such as bus loading/unloading areas, mechanical rooms, delivery areas, and exterior sport courts. Site improvements include signage, fencing, paving, landscaping, covered walkways, tennis courts, basketball courts, exterior lighting and utilities. Facilities will be designed in accordance with DoDEA Education Facilities Specifications, Americans with Disabilities Act Accessibility Guidelines, National Fire Protection Association Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, and energy conservation standards.</td>
</tr>
</tbody>
</table>
1. Component
DoDEA

FY 2011 MILITARY CONSTRUCTION PROGRAM

2. Date
February 2010

3. Installation and Location
Mons (Brussels), Belgium

4. Project Title
SHAPE Middle and High School Replacement

5. Program Element

6. Category Code
730-46

7. Project Number
D9124-1

8. Project Cost ($000)
67,311

11. REQUIREMENT:

PROJECT: Replace the existing middle and high schools by constructing a new high school and a middle school addition to the elementary school.

REQUIREMENT: The new schools are required to provide adequate academic facilities for 791 students in grades 6 through 12.

CURRENT SITUATION: The facilities were constructed in 1967 and are in poor condition. The facilities were designed and constructed very rapidly after the relocation of SHAPE from France and have aged poorly. Most infrastructures have suffered due to a lack of required repair and maintenance and have exceeded their useful life. There are numerous NFPA Life Safety and ADA code violations and no fire suppression systems. Bathrooms and plumbing are in severe need of renovation. Indoor air quality is a growing concern due to moisture and mold. The facilities do not meet construction standards for force protection and energy efficiency. Numerous maintenance and repair problems have developed and infrastructure is becoming non-repairable. Temporary buildings are required to accommodate increasing enrollments due to the dependents of foreign military personnel assigned to SHAPE.

IMPACT IF NOT PROVIDED: The continued use of unsafe, inadequate and undersized facilities that do not accommodate the current student population will continue to impair the overall educational program for students. If new facilities are not provided, the substandard environment will continue to hamper the educational process. The condition of the school is impacting the quality of education for the students and temporary buildings are required to accommodate the increasing number of students. Common areas such as dining facilities and gymnasiums are overcrowded and inadequate.

ADDITIONAL: This project has been coordinated with the installation physical security plans and all AT/FP measures are included. The use of temporary classroom facilities will be included in the event the construction schedule is delayed as a result of unforeseen circumstances. Sustainable principles will be integrated in the design, development and construction of the project in accordance with Executive Order 13123 and other applicable laws and executive orders. Energy conservation and environmentally safe measures will be incorporated in this project wherever feasible, practical or required by regulation. All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

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

POC is Mr. Bruce McFarland, bruce.mcfarland@hq.dodea.edu (703) 588-3513
1. Component
   DoDEA

2. Date
   February 2010

3. Installation and Location
   Mons (Brussels), Belgium

4. Project Title
   SHAPE Middle and High School Replacement

5. Program Element
   730-46

6. Category Code
   730-46

7. Project Number
   D9124-1

8. Project Cost ($000)
   67,311

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:
   1. Status:
      (a) Date Design Started                Jun 2009
      (b) Parametric Cost Estimate Used to Develop Costs No
      (c) Percent Complete as of January 1, 2010    10%
      (d) Date 35 Percent Complete              Jul 2010
      (e) Date Design Complete                 Mar 2011
      (f) Type of Design Contract              Design/Bid/Build

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

   3. Total Cost (c) = (a) + (b) or (d) + (e)
      (a) Production of Plans and Specifications
      (b) All other Design Costs
      (c) Total                                   4,400
      (d) Contract                                3,400
      (e) In-house                                 1,000

   5. Construction Start                        Jul 2011
   6. Construction Complete                     Jun 2014

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 Appropriated</th>
<th>Cost ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Furnishings/Equipment</td>
<td>O&amp;M</td>
<td>2014</td>
<td>600</td>
</tr>
<tr>
<td>Kitchen Equipment</td>
<td>O&amp;M</td>
<td>2014</td>
<td>350</td>
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<tr>
<td>(Military Service Funded)</td>
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</tr>
<tr>
<td>Active Network Hardware for Local Area Network and Voice over IP Phone Systems (Passive cable plant installation priced and included as part of construction)</td>
<td>O&amp;M</td>
<td>2014</td>
<td>800</td>
</tr>
</tbody>
</table>
**1. Component:**
DoDEA

**2. Date:**
February 2010

**3. Installation and Location:**
Fort Buchanan, Puerto Rico

**4. Project Title:**
Antilles Elementary/Intermediate School Replacement

**5. Program Element:**
730-46

**6. Category Code:**
730-46

**7. Project Number:**
AM 8193 01

**8. Project Cost ($000):**
58,708

**9. Cost Estimates:**

<table>
<thead>
<tr>
<th>U/M</th>
<th>QUANTITY</th>
<th>UNIT COST</th>
<th>COST ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRIMARY FACILITY</td>
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</tr>
<tr>
<td>Construction</td>
<td>SF</td>
<td>139,250</td>
<td>249.2</td>
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<tr>
<td>SUPPORTING FACILITIES</td>
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<tr>
<td>Electrical Service</td>
<td>LS</td>
<td></td>
<td>(1,500)</td>
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<tr>
<td>Water, Sewer, &amp; Gas</td>
<td>LS</td>
<td></td>
<td>(1,900)</td>
</tr>
<tr>
<td>Paving, Walks, Curbs, &amp; Gutters</td>
<td>LS</td>
<td></td>
<td>(1,550)</td>
</tr>
<tr>
<td>Storm Drainage</td>
<td>LS</td>
<td></td>
<td>(1,100)</td>
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<tr>
<td>Site Improvements</td>
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<td>Communications</td>
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<td></td>
<td>(1,000)</td>
</tr>
<tr>
<td>Playgrounds</td>
<td>LS</td>
<td></td>
<td>(500)</td>
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<tr>
<td>Anti-Terrorism/ Force Protection (AT/FP)</td>
<td>LS</td>
<td></td>
<td>(5,829)</td>
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<tr>
<td>Demolition</td>
<td>SF</td>
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<td>10</td>
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<tr>
<td>SUBTOTAL</td>
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<td>50,103</td>
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<tr>
<td>CONTINGENCY (5.0%)</td>
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<td></td>
<td>2,505</td>
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<tr>
<td>DESIGN AFTER AWARD (DESIGN BUILD) (4.0%)</td>
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<td>2,004</td>
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<tr>
<td>ESTIMATED CONSTRUCTION COST</td>
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<td></td>
<td>54,612</td>
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<tr>
<td>SUPERVISION &amp; ADMINISTRATION (6.5%)</td>
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<td>3,550</td>
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<tr>
<td>ENGINEERING DURING CONSTRUCTION (1.0%)</td>
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<td>546</td>
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<tr>
<td>TOTAL PROJECT COST</td>
<td></td>
<td></td>
<td>58,708</td>
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</table>

**10. DESCRIPTION OF PROPOSED CONSTRUCTION:**

This project is to construct a new Elementary School (ES) to serve 890 students, grades Pre-K through 5th Grade. This school will consolidate and replace two existing schools, Antilles Elementary School and Antilles Intermediate School. The reinforced concrete/steel/brick school will include general purpose classrooms, art classroom, music classroom, computer labs, gymnasium, multipurpose room with stage and kitchen, specialists’ rooms, information center, administrative offices, teacher work rooms, and supply/storage rooms. Buildings at the ES to be demolished include Bldg# 1029 (4,365 GSF), Bldg# 1030 (3,103 GSF), Bldg# 1031 (3,191 GSF), Bldg# 1032 (3,191 GSF), Bldg# 1033 (3,193), Bldg# 1034 (644 GSF), Bldg# 1035 (2,628 GSF), Bldg# 1036 (12,223 GSF), Bldg # 1037 (5,293 GSF), Bldg# 1038 (5,233), Bldg# 1039 (6,075 GSF), Bldg# 1040 (2,628 GSF), Bldg# 1043 (12,949 GSF), Bldg# 1045 (672 GSF), Bldg# 1046 (1,734 GSF), Bldg# 1047 (431 GSF), Bldg# 1048 (1730 GSF), Bldg# 1049 (3398 GSF), Bldg# 1050 (1,675 GSF), Bldg# 1051 (1,758 GSF), Bldg# 1052 (1,752 GSF), Bldg# 1054 (327 GSF), Bldg# 1055 (302 GSF), Bldg# 1056 (129 GSF), Bldg# 1057 (590 GSF), Bldg# 1058 (217 GSF), Bldg# 1059 (2,510 GSF), Bldg# 01060 (77 GSF), and Bldg# 1061 (221 GSF) for a total of 82,257 SF.

The school will incorporate advanced communication systems to support technology program requirements, as well as general communications. The project scope will also include utilities, parking, bus loading/unloading area, playground, sports facilities, signage, fencing, landscaping, and security lighting. These facilities shall be designed in accordance with DoDEA Education Facilities Specifications, AT/FP standards, Americans with Disabilities Act Accessibility Guidelines, National Fire Protection Association Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, energy conservation standards, and U.S Federal and Puerto Rico Environmental Laws and Regulations.
11. REQUIREMENT:

**PROJECT:** Construct a new elementary school at Fort Buchanan, Puerto Rico to replace the existing Elementary School.

**REQUIREMENT:** A new elementary school is needed to accommodate 890 students Pre-K through 5th Grade and support present curriculums selected for that age group. The school would also incorporate functional areas meeting current education specifications and incorporate functional adjacencies that would simplify school administration. This school will replace Antilles Elementary School as well as temporary educational facilities that are currently in use due to lack of adequate instructional space.

**CURRENT SITUATION:** The Elementary School was built in 1954 and has long past its useful lives. These facilities are in very poor condition and do not adequately support DDESS education needs. The layout of this school includes multiple buildings which do not meet ATFP requirements and are expensive to maintain. The existing facilities do not meet NFPA Life Safety Code or American with Disability Act (ADA) requirements. Many of the school's programs are conducted in 7 temporary buildings which are undersized and not suitable for the programs. The school has force protection issues that will be resolved by this project. These deficiencies are costly to rectify and the consolidation of these two schools and multiple buildings into one modern facility will result in significant annual cost savings.

**IMPACT IF NOT PROVIDED:** The education programs will continue to be adversely affected as facilities designed to support current programs would not be available. The facility sustainment budget will continue to be stressed as requirements for this school would reduce funds available for other schools in DoDEA. If this school is not replaced educational programs will continue to be detrimentally impacted by facility limitations. The temporary buildings cannot be made adequate. Indoor air quality conditions will worsen with time. The students will not receive the same educational environment afforded to students at other DDESS school districts.

**ADDITIONAL:** This project will be coordinated with the installation physical security plan and all required AT/FP measures will be included. The continued use of temporary classroom facilities will be included in the event the construction schedule is delayed as a result of unforeseen circumstances. Sustainable principles will be integrated into the design, development and construction of the project in accordance with Executive Order 13123 and other applicable laws and executive orders. Energy conservation and environmentally safe measures will be incorporated in this project wherever feasible, practical or required by regulation.

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

POC is Mr. Bruce McFarland Bruce.McFarland@hq.dodea.edu, 703-588-3513.
1. Component
DoDEA

2. Date
February 2010

3. Installation and Location
Fort Buchanan, Puerto Rico

4. Project Title
Antilles Elementary/Intermediate School Replacement

5. Program Element

6. Category Code
730-46

7. Project Number
AM 8193 01

8. Project Cost ($000)
58,708

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

1. Status:
(a) Date Design Started
Feb 2010
(b) Parametric Cost Estimate Used to Develop Costs
No
(c) Percent Complete as of January 1, 2010
0%
(d) Date 35 Percent Complete
Aug 2010
(e) Date Design Complete
Mar 2011
(f) Type of Design Contract
Design/Build

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

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

4. Contract Award
Oct 2010

5. Construction Start
Jan 2011

6. Construction Complete
Jun 2013

C. 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 Appropriated Or Requested</th>
<th>Cost ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Furnishings/Equipment</td>
<td>O&amp;M</td>
<td>2011</td>
<td>1000</td>
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<td>Active Network Hardware for Local Area Network and Voice over IP Phone Systems (Passive cable plant installation priced and included as part of construction)</td>
<td>O&amp;M</td>
<td>2011</td>
<td>750</td>
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1. COMPONENT
DoDEA

FY 2011 MILITARY CONSTRUCTION PROGRAM

2. Date
February 2010

3. Installation and Location
Fort Buchanan, Puerto Rico

4. COMMAND
DoDEA

5. AREA CONSTRUCTION COST INDEX
1.24

6. PERSONNEL STRENGTH

<table>
<thead>
<tr>
<th></th>
<th>PERMANENT</th>
<th>STUDENTS</th>
<th>SUPPORTED</th>
</tr>
</thead>
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<tr>
<td></td>
<td>OFFICER</td>
<td>ENLISTED</td>
<td>CIVILIAN</td>
</tr>
<tr>
<td>a. AS OF 30 SEP 2009</td>
<td>773</td>
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</tr>
<tr>
<td>b. END OF FY 2013</td>
<td>890</td>
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7. INVENTORY DATA ($000)

<table>
<thead>
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<th>Inventory Data</th>
<th>Amount</th>
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<td>0</td>
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<tr>
<td>INVENTORY TOTAL AS OF</td>
<td>0</td>
</tr>
<tr>
<td>AUTHORIZATION NOT YET IN INVENTORY</td>
<td>0</td>
</tr>
<tr>
<td>AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM</td>
<td>58,708</td>
</tr>
<tr>
<td>PLANNED IN NEXT THREE PROGRAM YEARS</td>
<td>0</td>
</tr>
<tr>
<td>REMAINING DEFICIENCY</td>
<td>0</td>
</tr>
<tr>
<td>GRAND TOTAL</td>
<td>58,708</td>
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8. CATEGORY

<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>
</tr>
</thead>
<tbody>
<tr>
<td>730-46</td>
<td>Replace Elementary School</td>
<td>139,250 SF</td>
<td>58,708</td>
<td>Feb 2010</td>
<td>Jun 2013</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

   Education
## FY 2011 MILITARY CONSTRUCTION PROGRAM

### 1. COMPONENT
DoDEA

### 2. Date
February 2010

### 3. Installation and Location
Boeblingen, Germany

### 4. COMMAND
DoDEA

### 5. AREA CONSTRUCTION COST INDEX
1.15

### 6. PERSONNEL STRENGTH

<table>
<thead>
<tr>
<th></th>
<th>PERMANENT</th>
<th>STUDENTS</th>
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<tr>
<td></td>
<td>OFFICER</td>
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</tr>
<tr>
<td>a. AS OF 30 SEP 2009</td>
<td>648</td>
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<tr>
<td>b. END FY 2013</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: 48,968
- AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM: 0
- PLANNED IN NEXT THREE PROGRAM YEARS: 0
- REMAINING DEFICIENCY: 0
- GRAND TOTAL: 48,968

### 8. CATEGORY

<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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<td>730-46</td>
<td>Replace School</td>
<td>151,319 SF</td>
<td>48,968</td>
<td>Mar 2010</td>
<td>Jun 2013</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
Education

### 11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:
None
FY 2011 MILITARY CONSTRUCTION PROGRAM

DoDEA

Boeblingen (Panzer Kaserne), Germany

Replace Boeblingen High School

February 2010

1. Component
DoDEA

2. Date
February 2010

3. Installation and Location
Boeblingen (Panzer Kaserne), Germany

4. Project Title
Replace Boeblingen High School

5. Program Element

6. Category Code
730-46

7. Project Number
EUR 8268 02

8. Project Cost ($000)
48,968

9. Cost Estimates

<table>
<thead>
<tr>
<th>U/M</th>
<th>QUANTITY</th>
<th>UNIT COST</th>
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<th>UNIT COST</th>
<th>COST ($000)</th>
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</thead>
<tbody>
<tr>
<td>Anti-Terrorism/Force Protection</td>
<td>LS</td>
<td>(400)</td>
<td>(400)</td>
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<td>Water, Sewer, &amp; Gas</td>
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<td>(100)</td>
<td>(100)</td>
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<td>Paving, Parking, Walks, Curbs and Gutters</td>
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<td>(500)</td>
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<td>Storm Drainage</td>
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<td>(0)</td>
<td>(0)</td>
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<tr>
<td>Site Preparation</td>
<td>LS</td>
<td>(1,250)</td>
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<td>Communications</td>
<td>LS</td>
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<td>(0)</td>
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SUBTOTAL 43,383

CONTINGENCY (5.0%) 2,169

ESTIMATED CONSTRUCTION COST 45,552

ENGINEERING DURING CONSTRUCTION (1.0%) 455

TOTAL PROJECT COST 48,968

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Construct a high school including general purpose classrooms, gymnasium, multipurpose room with cafeteria and kitchen, information center, computer labs, supply areas, faculty work rooms, counseling areas, specialists’ rooms, learning impaired rooms, storage and administrative offices. Supporting facilities and infrastructure will be designed for the future high school. These supporting facilities will include: High School sports fields, facilities and bleachers; student bus loading and unloading areas; staff and visitor parking; landscaping, including compensation measures for the replacement of trees and protected natural resources. Supporting structures will include site development, covered walkways, playgrounds, paving and landscaping. Facilities will be designed in accordance with DoDEA Education Facilities Specifications, Antiterrorism/Force Protection Construction standards, Americans with Disabilities Act (ADA) Accessibility Guidelines, National Fire Protection Association Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, Consumer Products Safety Commission (playgrounds) guidelines, energy conservation standards, and U.S. federal environmental laws and regulations.
1. **Component**: DoDEA

2. **Date**: February 2010

3. **Installation and Location**: Boeblingen (Panzer Kaserne), Germany

4. **Project Title**: Replace Boeblingen High School

5. **Program Element**

6. **Category Code**: 730-46

7. **Project Number**: EUR 8268 02

8. **Project Cost ($000)**: 48,968

**11. REQUIREMENT:**

**PROJECT**: Replace the existing high school.

**REQUIREMENT**: A new high school, for grades 9-12 is required to provide adequate facilities for students in the Stuttgart area.

**CURRENT SITUATION**: This project provides a new high school facility in Boeblingen to replace the Patch HS in Stuttgart. The Stuttgart high school is inadequately sized for a projected 648 student population: the classrooms, science and chemistry labs, computer labs, television production studio, JROTC and gymnasium are inadequately sized: an auditorium for the school community is not available. Temporary classrooms have been erected for the increasing student population. In addition, exterior sports facilities do not exist at Patch HS and the high school students must share limited sports facilities with the military for practice and home games. Reutilizing the existing Patch HS as a middle school will provide an adequate facility that will provide a single middle school program for students in the greater Stuttgart area.

**IMPACT IF NOT PROVIDED**: The existing facilities are inadequate, undersized and cannot be economically modified to meet NFPA Life Safety and ADA guidelines. The high school science and technology laboratories and gymnasium have insufficient space, equipment, and functional layout to support current curriculum requirements. The lack of a sufficient number of classrooms will dictate the use of temporary structures to fill the short fall. The lack of dedicated athletic fields will continue to negatively impact the school athletic and physical education programs.

**ADDITIONAL**: This project will be coordinated with the installation physical security plan and all required AT/FP measures will be included. The continued use of temporary classroom facilities will be included in the event the construction schedule is delayed as a result of unforeseen circumstances. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and executive orders. Energy conservation and environmentally safe measures will be incorporated in this project wherever feasible, practical, or required by regulation.

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

POC is Mr. Bruce McFarland, bruce.mcfarland@hq.dodea.edu (703) 588-3513
1. Component
   DoDEA

2. Date
   February 2010

3. Installation and Location
   Boeblingen (Panzer Kaserne), Germany

4. Project Title
   Replace Boeblingen High School

5. Program Element
6. Category Code
   730-46

7. Project Number
   EUR 8268 02

8. Project Cost ($000)
   48,968

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:
   1. Status:
      (a) Date Design Started
      Mar 2010
      (b) Parametric Cost Estimate Used to Develop Costs
      No
      (c) Percent Complete as of January 1, 2010
      0%
      (d) Date 35 Percent Complete
      Aug 2010
      (e) Date Design Complete
      Aug 2011
      (f) Type of Design Contract
      Design/Bid/Build

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

   3. Total Cost (c) = (a) + (b) or (d) + (e)
      (a) Production of Plans and Specifications
      1,400
      (b) All other Design Costs
      1,050
      (c) Total
      350

   4. Contract Award
   5. Construction Start
   6. Construction Complete

D. 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>Cost ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Furnishings/Equipment</td>
<td>O&amp;M</td>
<td>2012</td>
<td>400</td>
</tr>
<tr>
<td>Kitchen Equipment (Military Service Funded)</td>
<td>O&amp;M</td>
<td>2012</td>
<td>350</td>
</tr>
<tr>
<td>Active Network Hardware for Local Area Network and Voice over IP Phone Systems (Passive cable plant installation priced and included as part of construction)</td>
<td>O&amp;M</td>
<td>2012</td>
<td>400</td>
</tr>
</tbody>
</table>
1. Component: DoDEA  
2. Date: February 2010

3. Installation and Location: Camp Lejeune, N.C.

4. Project Title: Tarawa Terrace 1 Elementary School Replacement (Addition to Tarawa Terrace II ES)

5. Program Element: 730-46

6. Category Code: 730-46

7. Project Number: AM 2455207

8. Project Cost ($000): 16,646

9. Cost Estimates:

<table>
<thead>
<tr>
<th>Description of Proposed Construction:</th>
<th>Quantity</th>
<th>Unit Cost</th>
<th>Cost ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRIMARY FACILITY</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Dependent School-Elementary (Addition to TT II)</td>
<td>SF 44,055</td>
<td>204</td>
<td>(8,987)</td>
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<tr>
<td>SUPPORTING FACILITIES</td>
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<td></td>
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<tr>
<td>Antiterrorism/Force Protection (AT/FP)</td>
<td>LS</td>
<td></td>
<td>(850)</td>
</tr>
<tr>
<td>Electrical Service</td>
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<td>LS</td>
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<td>(595)</td>
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<td>Storm Drainage</td>
<td>LS</td>
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<td>(350)</td>
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<tr>
<td>Site Preparation</td>
<td>LS</td>
<td></td>
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<td>Communications</td>
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<td></td>
<td>(575)</td>
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<tr>
<td>Playgrounds</td>
<td>LS</td>
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<td>(500)</td>
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<tr>
<td>Demolition of Elementary School (TT I)</td>
<td>SF 40,349</td>
<td>15</td>
<td>(605)</td>
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<tr>
<td>SUBTOTAL</td>
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<tr>
<td>CONTINGENCY (5.0%)</td>
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<td>717</td>
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<tr>
<td>DESIGN AFTER AWARD (DESIGN BUILD) (4.0%)</td>
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<tr>
<td>ESTIMATED CONSTRUCTION COST</td>
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<tr>
<td>SUPERVISION &amp; ADMINISTRATION (5.7%)</td>
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<tr>
<td>ENGINEERING DURING CONSTRUCTION (1.0%)</td>
<td></td>
<td>156</td>
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</tbody>
</table>

TOTAL PROJECT COST: 16,646

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Construct a 44,055 SF addition to Tarawa Terrace II Elementary School on Camp Lejeune, NC. This will allow Tarawa Terrace I Primary School students (Pre-K to 1st Grade) to attend Tarawa Terrace II (Pre-K to 5th Grade). Tarawa Terrace I, which is out-dated and in poor condition, is located adjacent to Tarawa Terrace II.

The reinforced concrete/steel elementary school addition will include general purpose classrooms, gymnasium, Special Education Classrooms, and increases to support areas to accommodate the additional enrollment. The school will incorporate advanced communication systems to support technology program requirements, as well as general communications. The project scope will also include changes to utilities, additional parking, playground., signage, fencing, landscaping, and security lighting. These facilities shall be designed in accordance with DoDEA Education Facilities Specifications, AT/FP standards, Americans with Disabilities Act Accessibility Guidelines, National Fire Protection Association Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, and energy conservation standards.

This project includes the demolition of the following facilities: Bldg# TT60 (19,132 GSF), Bldg# TT 60A (4,183 GSF), Bldg# TT 60B (4183 GSF), Bldg# TT60C (4,193 GSF), Bldg# TT60D (4,203 GSF), Bldg# TT60E (4,203), Bldg# TT60F (126 GSF), Bldg# TT60G (63 GSF), and Bldg# TT60H (63 GSF).
<table>
<thead>
<tr>
<th>1. Component</th>
<th>FY 2011 MILITARY CONSTRUCTION PROGRAM</th>
<th>2. Date</th>
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<tbody>
<tr>
<td>DoDEA</td>
<td>Tarawa Terrace 1 Elementary School Replacement (Addition to Tarawa Terrace II ES)</td>
<td>February 2010</td>
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<td>3. Installation and Location</td>
<td>Camp Lejeune, N.C.</td>
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</tr>
<tr>
<td></td>
<td>730-46</td>
<td>AM 2455207</td>
</tr>
</tbody>
</table>

11. REQUIREMENT:

PROJECT: Construct an addition to the existing Tarawa Terrace II Elementary School, Camp Lejeune, North Carolina and closure and demolition of the existing Tarawa Terrace I Primary School, Camp Lejeune, North Carolina.

REQUIREMENT: An addition is needed to existing school, Tarawa Terrace II to accommodate students from Tarawa Terrace I. In addition to General purpose classrooms, this addition will include a new Gymnasium, and additional specialized instructional classrooms, special education classrooms, administrative, storage, mechanical spaces and common areas. Additional parking, playgrounds, and recreational areas will also be built at the consolidated school. Tarawa Terrace I Primary School will be demolished as part of this project.

CURRENT SITUATION: Tarawa Terrace I, which was built in 1967 is outdated, in poor condition, and does not meet the latest standards. Tarawa Terrace I has passed its intended life expectancy. Tarawa Terrace II, which was built in 2001 and is in good condition and is located adjacent to Tarawa Terrace I. In lieu of replacing the existing Tarawa Terrace I with a new school an addition to the existing Tarawa Terrace II school is required to accommodate the 300 students from Tarawa Terrace I. This addition will save both construction and Operation and Maintenance funds through consolidation of these two school and meet DDESS facility requirements for the latest educational services.

IMPACT IF NOT PROVIDED: Students will continue to be educated in a substandard facility that cannot provide an environment conducive to acceptable standards. Due to the age of Tarawa Terrace I, the facility will continue to deteriorate and the costs of operating and maintaining will continue to increase. Many of the building systems have reached the end of their useful life, resulting in system failures which will affect the educational function of the facility.

ADDITIONAL: This project will be coordinated with the installation physical security plan and all required AT/FP measures will be included. Sustainable principles will be integrated into the design, development and construction of the project in accordance with Executive Order 13123 and other applicable laws and executive orders. Energy conservation and environmentally safe measures will be incorporated in this project wherever feasible, practical or required by regulation. All known alternatives were considered during the development of this project. This option is more cost effective than replacing Tarawa Terrace I with a new school since this addition will allow consolidation of functions. Utilization of temporary facilities is authorized to support this project.

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

POC is Mr. Bruce McFarland, Bruce.McFarland@hq.dodea.edu (703)-588-3513
1. Component
DoDEA

2. Date
February 2010

3. Installation and Location
Camp Lejeune, N.C.

4. Project Title
Tarawa Terrace 1 Elementary School Replacement (Addition to Tarawa Terrace II ES)

5. Program Element

6. Category Code
730-46

7. Project Number
AM 2455207

8. Project Cost ($000)
16,646

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

   1. Status:
      (a) Date Design Started
      Feb 2010
      (b) Parametric Cost Estimate Used to Develop Costs
      No
      (c) Percent Complete as of January 1, 2010
      0%
      (d) Date 35 Percent Complete
      Aug 2010
      (e) Date Design Complete
      Jun 2011
      (f) Type of Design Contract
      Design/Build

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

   3. Total Cost (c) = (a) + (b) or (d) + (e)
      (a) Production of Plans and Specifications
      1000
      (b) All other Design Costs
      800
      (c) Total
      200

4. Contract Award
Feb 2011

5. Construction Start
Apr 2011

6. Construction Complete
May 2013

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

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<th>Equipment Nomenclature</th>
<th>Procuring Appropriation</th>
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<td>2011</td>
<td>720</td>
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1. COMPONENT
   DoDEA

FY 2011 MILITARY CONSTRUCTION PROGRAM

2. Date
   February 2010

3. Installation and Location
   Camp Lejeune, North Carolina

4. COMMAND
   DoDEA

5. AREA CONSTRUCTION COST INDEX
   1.06

6. PERSONNEL STRENGTH

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<td>ENLISTED</td>
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<tr>
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<td>CIVILIAN</td>
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<td></td>
<td>CIVILIAN</td>
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<td>239</td>
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<tr>
<td>b. END OF FY 2013</td>
<td>300</td>
<td>300</td>
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7. INVENTORY DATA ($000)

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<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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<tr>
<td></td>
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<td>16,646</td>
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<td>16,646</td>
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8. CATEGORY

<table>
<thead>
<tr>
<th>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>
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<td>Feb 2010</td>
<td>May 2013</td>
</tr>
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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
    Education

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

FY 2011 MILITARY CONSTRUCTION PROGRAM

2. Date: February 2010

3. Installation and Location:
Fort Bragg, North Carolina

4. Project Title:
Murray Elementary School Replacement

5. Program Element:
730-46

6. Category Code:
AM 1008-01

7. Project Number:

8. Project Cost ($000):
22,000

9. Cost Estimates:

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<th>QUANTITY</th>
<th>UNIT COST</th>
<th>COST ($000)</th>
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<td>PRIMARY FACILITY</td>
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<tr>
<td>Construct New School</td>
<td>SF</td>
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<td>SUPPORTING FACILITIES</td>
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<tr>
<td>Antiterrorism/Force Protection (AT/FP)</td>
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<tr>
<td>Electrical Service</td>
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<td>Water, Sewer, &amp; Gas</td>
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<td>Paving, Walks, Curbs, &amp; Gutters</td>
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<td>Storm Drainage</td>
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</tr>
<tr>
<td>Site Preparation</td>
<td>LS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Communications</td>
<td>LS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Playgrounds</td>
<td>LS</td>
<td></td>
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</tr>
<tr>
<td>Demolish Existing School (Murray ES)</td>
<td>SF</td>
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<tr>
<td>SUBTOTAL</td>
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</tr>
<tr>
<td>CONTINGENCY (5.0%)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DESIGN AFTER AWARD (DESIGN BUILD) (4.0%)</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>ESTIMATED CONSTRUCTION COST</td>
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</tr>
<tr>
<td>SUPERVISION &amp; ADMINISTRATION (5.7%)</td>
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</tr>
<tr>
<td>Engineering During Construction (1.0%)</td>
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<tr>
<td>TOTAL REQUEST</td>
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</table>

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Construct a consolidated elementary school to serve Pre-Kindergarten (PK) through 4th grade students. The reinforced concrete/steel elementary school will include general purpose classrooms, art classroom, music classroom, computer labs, gymnasium, multipurpose room with stage and kitchen, information center, administrative offices, teacher work rooms, and supply/storage rooms. The school will incorporate advanced communication systems to support technology program requirements, as well as general communications. The project scope will also include utilities, parking, bus loading/unloading area, playground, sports facilities, signage, fencing, landscaping, and security lighting. These facilities shall be designed in accordance with DoDEA Education Facilities Specifications, AT/FP standards, Americans with Disabilities Act Accessibility Guidelines, National Fire Protection Association Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, and energy conservation standards.

This project includes the demolition of the following facilities:
Murray ES - Bldg# B5636 (1,120 GSF), Bldg# B-5737 (1,120 GSF), Bldg# B-5738 (1,120 GSF), Bldg# B-5735 (1,800 GSF), Bldg# B-6036 (50,638 GSF).
3. Installation and Location
Fort Bragg, North Carolina

4. Project Title
Murray Elementary School Replacement

5. Program Element
6. Category Code
730-46

8. Project Cost ($000)
22,000

11. REQUIREMENT:

PROJECT: Construct a new elementary school to replace the existing Murray Elementary School at Fort Bragg, North Carolina. This project is part of a consolidation of Murray Elementary School and McNair Elementary School.

REQUIREMENT: This new elementary school is required at Fort Bragg to replace the outdated and aged Murray Elementary School. Murray Elementary is 50 years old and has many problems that can only be resolved by replacement. The poor condition of the school has resulted in excessive sustainment costs for systemic problems.

CURRENT SITUATION: There are currently 8 elementary schools at Fort Bragg with an enrollment of 3252 students. Fort Bragg is experiencing growth, which will be accommodated by other projects, with no expectation of a decrease of student enrollment in the future. To ensure that all schools at Fort Bragg meet today’s DoDEA educational program requirements; a new school to replace Murray Elementary School is required.

IMPACT IF NOT PROVIDED: Students will continue to be educated in an inadequate, aged facility that does not meet the latest DoDEA standards for a quality education for U. S. Army Dependents. Costly renovations will be necessary to permit continued, long-term utilization of the buildings. Although renovations will improve appearance and reliability, some aspects of the educational program will continue to be detrimentally impacted by the limitations of the facility. The temporary buildings cannot be made adequate and will have to be replaced with new temporary buildings in the near future. IAQ concerns will worsen with time.

ADDITIONAL: This project will be coordinated with the installation physical security plan and all required AT/FP measures will be included. The use of temporary classroom facilities will be included in the event the construction schedule is delayed as a result of unforeseen circumstances. Sustainable principles will be integrated into the design, development and construction of the project in accordance with Executive Order 13123 and other applicable laws and executive orders. Energy efficient and sustainable design and construction shall be equivalent to a LEED Silver Certification. All known alternatives were considered during the development of this project. Utilization of temporary facilities may be used to accommodate this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

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

POC is Mr. Bruce McFarland, Bruce.McFarland@hq.dodea.edu (703)-588-3513
1. Component
DoDEA

FY 2011 MILITARY CONSTRUCTION PROGRAM

3. Installation and Location
Fort Bragg, North Carolina

4. Project Title
Murray Elementary School Replacement

5. Program Element

6. Category Code
730-46

7. Project Number
AM 1008-01

8. Project Cost ($000)
22,000

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:
   1. Status:
      (a) Date Design Started   Feb 2010
      (b) Parametric Cost Estimate Used to Develop Costs   No
      (c) Percent Complete as of January 1, 2010   0%
      (d) Date 35 Percent Complete   Aug 2010
      (e) Date Design Complete   Jun 2011
      (f) Type of Design Contract   Design/Build

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

   3. Total Cost (c) = (a) + (b) or (d) + (e)
      (a) Production of Plans and Specifications   1180
      (b) All other Design Costs   990
      (c) Total   190
      (d) Contract   Jan 2011
      (e) In-house   Apr 2011

   4. Contract Award
      Jan 2011

   5. Construction Start
      Jun 2013

   6. Construction Complete

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

<table>
<thead>
<tr>
<th>Equipment Description</th>
<th>Procuring Appropriation</th>
<th>Fiscal Year Appropriated</th>
<th>Cost ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Furnishings/Equipment</td>
<td>O&amp;M</td>
<td>2011</td>
<td>900</td>
</tr>
<tr>
<td>Active Network Hardware for Local Area Network and Voice over IP Phone Systems (Passive cable plant installation priced and included as part of construction)</td>
<td>O&amp;M</td>
<td>2011</td>
<td>720</td>
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</table>
1. Component
DoDEA

2. Date
February 2010

3. Installation and Location
Fort Bragg, North Carolina

4. Project Title
McNair Elementary School Replacement

5. Program Element
730-46

6. Category Code
AM D02051

7. Project Number

8. Project Cost ($000)
23,086

9. Cost Estimates

<table>
<thead>
<tr>
<th>Item Description</th>
<th>U/M</th>
<th>Quantity</th>
<th>Unit Cost</th>
<th>Cost ($000)</th>
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<tr>
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<td>LS</td>
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<td>(695)</td>
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<td>Paving, Walks, Curbs, &amp; Gutters</td>
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<td>(495)</td>
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<td>Storm Drainage</td>
<td>LS</td>
<td></td>
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<td>Site Preparation</td>
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<tr>
<td>Communications</td>
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<tr>
<td>Playgrounds</td>
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<td>Demolish Existing School (McNair ES)</td>
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<td>DESIGN AFTER AWARD (DESIGN BUILD) (4.0%)</td>
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<td>SUPERVISION &amp; ADMINISTRATION (5.7%)</td>
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<td>Engineering During Construction (1.0%)</td>
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<tr>
<td>TOTAL REQUEST</td>
<td></td>
<td></td>
<td></td>
<td>23,086</td>
</tr>
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</table>

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Construct an elementary school to serve Pre-Kindergarten (PK) through 4th grade students. The reinforced concrete/steel elementary school will include general purpose classrooms, art classroom, music classroom, computer labs, gymnasium, multipurpose room with stage and kitchen, information center, administrative offices, teacher work rooms, and supply/storage rooms. The school will incorporate advanced communication systems to support technology program requirements, as well as general communications. The project scope will also include utilities, parking, bus loading/unloading area, playground, sports facilities, signage, fencing, landscaping, and security lighting. These facilities shall be designed in accordance with DoDEA Education Facilities Specifications, AT/FP standards, Americans with Disabilities Act Accessibility Guidelines, National Fire Protection Association Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, and energy conservation standards. This project includes the demolition of the following facilities: McNair ES – Bldg# 7456 (852 GSF), Bldg# 7557 (852 GSF), Bldg# 7657 (852 GSF), Bldg# 7658 (1,440 GSF), Bldg# (50,530 GSF)
11. REQUIREMENT:

PROJECT: Construct a new elementary school to replace the existing McNair Elementary School at Fort Bragg, North Carolina. This project is part of a consolidation of Murray Elementary School and McNair Elementary School.

REQUIREMENT: This new elementary school is required at Fort Bragg to replace the outdated and aged Murray Elementary School. McNair Elementary is 48 years old and has many problems that can only be resolved by replacement. The school is in very poor condition.

CURRENT SITUATION: There are currently 8 elementary schools at Fort Bragg with an enrollment of 3252 students. Fort Bragg is experiencing growth, which will be accommodated by other projects, with no expectation of a decrease of student enrollment in the future. To ensure that all schools at Fort Bragg meet today’s DoDEA educational program requirements; a new school to replace McNair Elementary School is required.

IMPACT IF NOT PROVIDED: Students will continue to be educated in an inadequate, aged facility that does not meet the latest DoDEA standards for a quality education for U.S. Army Dependents. Costly renovations will be necessary to permit continued, long-term utilization of the buildings. Although renovations will improve appearance and reliability, some aspects of the educational program will continue to be detrimentally impacted by the limitations of the facility. The temporary buildings cannot be made adequate and will have to be replaced with new temporary buildings in the near future. IAQ concerns will worsen with time.

ADDITIONAL: This project will be coordinated with the installation physical security plan and all required AT/FP measures will be included. The use of temporary classroom facilities will be included in the event the construction schedule is delayed as a result of unforeseen circumstances. Sustainable principles will be integrated into the design, development and construction of the project in accordance with Executive Order 13123 and other applicable laws and executive orders. Energy efficient and sustainable design and construction shall be equivalent to a LEED Silver Certification. All known alternatives were considered during the development of this project. Utilization of temporary facilities may be used to accommodate this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

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

POC is Mr. Bruce McFarland, Bruce.McFarland@hq.dodea.edu (703)-588-3513
1. Component
   DoDEA
2. Date
   February 2010
3. Installation and Location
   Fort Bragg, North Carolina
4. Project Title
   McNair Elementary School Replacement
5. Program Element
6. Category Code
   730-46
7. Project Number
   AM D02051
8. Project Cost ($000)
   23,086

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:
   1. Status:
      (a) Date Design Started: Feb 2010
      (b) Parametric Cost Estimate Used to Develop Costs: No
      (c) Percent Complete as of January 1, 2010: 0%
      (d) Date 35 Percent Complete: Aug 2010
      (e) Date Design Complete: Jun 2011
      (f) Type of Design Contract: Design/Build

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

3. Total Cost (c) = (a) + (b) or (d) + (e)
   (a) Production of Plans and Specifications
   (b) All other Design Costs
   (c) Total: 1238
   (d) Contract: 1038
   (e) In-house: 200

4. Contract Award: Jan 2011
5. Construction Start: Apr 2011
6. Construction Complete: Jun 2013

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

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<tr>
<th>Equipment Nomenclature</th>
<th>Procuring Appropriation</th>
<th>Fiscal Year Appropriated</th>
<th>Cost ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Furnishings/Equipment</td>
<td>O&amp;M</td>
<td>2011</td>
<td>900</td>
</tr>
<tr>
<td>Active Network Hardware for Local Area Network and Voice over IP Phone Systems (Passive cable plant installation priced and included as part of construction)</td>
<td>O&amp;M</td>
<td>2011</td>
<td>720</td>
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</tbody>
</table>
1. COMPONENT  
DoDEA  

FY 2011 MILITARY CONSTRUCTION PROGRAM  
2. Date  
February 2010  

3. Installation and Location  
Fort Bragg, North Carolina  

4. COMMAND  
DoDEA  

5. AREA CONSTRUCTION COST INDEX  
0.93  

6. PERSONNEL STRENGTH  
<table>
<thead>
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<th>PERMANENT</th>
<th>STUDENTS</th>
<th>SUPPORTED</th>
<th>TOTAL</th>
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<tr>
<td></td>
<td>OFFICER</td>
<td>ENLISTED</td>
<td>CIVILIAN</td>
</tr>
<tr>
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<td>OFFICER</td>
<td>ENLISTED</td>
<td>CIVILIAN</td>
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</table>

7. INVENTORY DATA ($000)  
| TOTAL ACREAGE | 0 |
| INVENTORY TOTAL AS OF | 0 |
| AUTHORIZATION NOT YET IN INVENTORY | 0 |
| AUTHORIZATION REQUESTED IN THIS PROGRAM | 45,086 |
| AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM | 0 |
| PLANNED IN NEXT THREE PROGRAM YEARS | 0 |
| REMAINING DEFICIENCY | 0 |
| GRAND TOTAL | 45,086 |

8. CATEGORY  
<table>
<thead>
<tr>
<th>CODE</th>
<th>PROJECT TITLE</th>
<th>SCOPE</th>
<th>COST ($000)</th>
<th>DESIGN START</th>
<th>STATUS COMPLETE</th>
</tr>
</thead>
<tbody>
<tr>
<td>730-46</td>
<td>Replace McNair ES School</td>
<td>71,290 SF</td>
<td>23,086</td>
<td>Feb 2010</td>
<td>Jun 2013</td>
</tr>
<tr>
<td>730-46</td>
<td>Replace Murray ES School</td>
<td>67,748 SF</td>
<td>22,000</td>
<td>Feb 2010</td>
<td>Jun 2013</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  
Education  

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES ($000 )  
None
1. Component: DoDEA

2. Date: February 2010

3. Installation and Location: Fort Benning, Georgia

4. Project Title: Dexter Elementary School Construct Gym

5. Program Element: 730-46

6. Category Code: AM 2455204

7. Project Number: 2,800

8. Project Cost ($000): 2,800

9. Cost Estimates:

<table>
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<tr>
<th>U/M</th>
<th>QUANTITY</th>
<th>UNIT COST</th>
<th>COST ($000)</th>
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</thead>
<tbody>
<tr>
<td>PRIMARY FACILITY</td>
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<tr>
<td>New Gymnasium</td>
<td>SF</td>
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<td>SUPPORTING FACILITIES</td>
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<td>Antiterrorism/Force Protection (AT/FP)</td>
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<td>(220)</td>
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<td>Electrical Service</td>
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<td>(87)</td>
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<td>Water, Sewer, &amp; Gas</td>
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<td>Storm Drainage</td>
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<td>(59)</td>
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<td>Site Preparation</td>
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<td>Communications</td>
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<tr>
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<td></td>
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<td>2,800</td>
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10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Construct a new gymnasium to support an elementary school enrollment of 315 students. The project scope will also include utilities, signage, landscaping, and security lighting. These facilities shall be designed in accordance with DoDEA Education Facilities Specifications, AT/FP standards, Americans with Disabilities Act Accessibility Guidelines, National Fire Protection Association Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, and energy conservation standards.
11. REQUIREMENT:

PROJECT: Construct a new gymnasium at Dexter Elementary School, Fort Benning, Georgia

REQUIREMENT: A purpose-built gymnasium is required at Dexter Elementary School Fort Benning to bring the school into compliance with current facility educational specifications and allow implementation of current curriculums in physical fitness.

CURRENT SITUATION: The school has a multipurpose room that is used every day for lunch service and frequently used for special events as well as physical education. Lunch service requires set-up and take-down of the benches, tables and chairs on a daily basis if the facility is to be used for physical fitness. Special events take up auditorium space and may not allow removal of associated props, furniture, or equipment. The result is no or limited time slots available for physical fitness in the multipurpose room. As a work-around the school has converted a temporary facility into a physical fitness area.

IMPACT IF NOT PROVIDED: The physical fitness program will continue to be adversely affected by their facilities, not allowing implementation of modern curriculums enjoyed by other students within DoDEA. This is well below the functional space allowed by our modern education specifications.

ADDITIONAL: This project will be coordinated with the installation physical security plan and all required AT/FP measures will be included. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and executive orders. Energy conservation and environmentally safe measures will be incorporated in this project wherever feasible, practical or required by regulation.

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

POC is Mr. Bruce McFarland, bruce.mcfarland@hq.dodea.edu (703) 588-3510.
12. **SUPPLEMENTAL DATA:**

A. **Estimated Design Data:**

1. **Status:**
   - (a) Date Design Started: Feb 2010
   - (b) Parametric Cost Estimate Used to Develop Costs: No
   - (c) Percent Complete as of January 1, 2010: 0%
   - (d) Date 35 Percent Complete: Aug 2010
   - (e) Date Design Complete: Apr 2011
   - (f) Type of Design Contract: Design/Build

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

3. **Total Cost**:
   - (a) Production of Plans and Specifications: 280
   - (b) All other Design Costs: 218
   - (c) Total: 62

4. **Contract Award:**
   - Jan 2011

5. **Construction Start:**
   - Feb 2011

6. **Construction Complete:**
   - Mar 2012

H. **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 Appropriated Or Requested</th>
<th>Cost ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Furnishings/Equipment</td>
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<td>2011</td>
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<tr>
<td>Active Network Hardware</td>
<td>O&amp;M</td>
<td>2011</td>
<td>200</td>
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for Local Area Network and Voice over IP Phone Systems (Passive cable plant installation priced and included as part of construction)
1. COMPONENT
DoDEA

2. Date
February 2010

3. Installation and Location
Fort Benning, Georgia

4. COMMAND
DoDEA

5. AREA CONSTRUCTION COST INDEX
1.03

6. PERSONNEL STRENGTH

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<td>b. END OF FY 2012</td>
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7. INVENTORY DATA ($000)

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<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>
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8. CATEGORY

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<tr>
<th>CATEGORY CODE</th>
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<th>SCOPE</th>
<th>COST ($000)</th>
<th>DESIGN START</th>
<th>STATUS COMPLETE</th>
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<tbody>
<tr>
<td>730-46</td>
<td>Construct Elementary School Gym</td>
<td>8,155 SF</td>
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<td>Feb 2010</td>
<td>Mar 2012</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
Education

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES ($000)
None
1. Component: DoDEA

2. Date: February 2010

3. Installation and Location: United States Military Academy, West Point, New York

4. Project Title: West Point Middle School Addition/Alteration

5. Program Element: 730-46

6. Category Code: 730-46

7. Project Number: AM 2455205

8. Project Cost ($000): 27,960

9. Cost Estimates:

<table>
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<th>U/M</th>
<th>QUANTITY</th>
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<th>COST ($)</th>
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<tbody>
<tr>
<td>PRIMARY FACILITY</td>
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</tr>
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<td>Construct Dependent School-Middle</td>
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<tr>
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<td>Water, Sewer, &amp; Gas</td>
<td>LS</td>
<td></td>
<td>(1070)</td>
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<td>Paving, Walks, Curbs, &amp; Gutters</td>
<td>LS</td>
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<td>(891)</td>
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<td>Storm Drainage</td>
<td>LS</td>
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<tr>
<td>Site Preparation, Sport Fields</td>
<td>LS</td>
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<tr>
<td>Communications</td>
<td>LS</td>
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<td>(535)</td>
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<tr>
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<td>SF</td>
<td>12,203</td>
<td>46</td>
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<td>SUBTOTAL</td>
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<tr>
<td>CONTINGENCY (5.0%)</td>
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<td>ESTIMATED CONSTRUCTION COST</td>
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<td>TOTAL PROJECT COST</td>
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<td></td>
<td></td>
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<td>27,960</td>
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10. DESCRIPTION OF PROPOSED CONSTRUCTION:

This project is to construct a new Middle School Addition and Renovate the Existing Middle School in order to serve 325 students, grades 5 through 8. The reinforced concrete/steel/brick new school addition will include general purpose classrooms, science classrooms, a multipurpose room with stage and full service kitchen, information center, administrative offices, boys and girls restrooms, and supply/storage rooms. The existing school classrooms and educational areas to remain shall be renovated and upgraded to include the electrical wiring and plumbing networks, the HVAC system, lighting and fixtures, restrooms, ceilings, walls, exterior windows and doors, and architectural millwork. All construction work will incorporate advanced communication systems to support technology program requirements, as well as general communications. The project scope will also include exterior utilities, parking, pedestrian walkways, vehicle access, bus loading/unloading area, playgrounds, sports facilities, signage, fencing, drainage, landscaping, and security lighting. These facilities shall be designed in accordance with DoDEA Education Facilities Specifications, AT/FP standards, Americans with Disabilities Act Accessibility Guidelines, National Fire Protection Association Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, and energy conservation standards.

This project will also include the demolition of the 1954 wing of the existing building 705 (12,203 SF).
REQUIREMENT: 

PROJECT: Construct a new 31,388 SF middle school addition and renovate 31,632 SF at West Point, New York.

REQUIREMENT: A new middle school addition and current school renovation is needed to accommodate 325 students and support present curriculum selected for that age group. The school would also incorporate functional areas meeting current education specifications and incorporate functional adjacencies that would simplify school administration.

CURRENT SITUATION: The major portion of this school is 75 years old, and has many problems that can only be resolved by replacement. The school’s poor condition justifies this to be a project that needs to be done as soon as possible. The 1934 constructed section of the main building is historic, protected by SHPO guidelines, and is in serious need of a major renovation. The classrooms are cramped at 700 square feet. The administration area is in an undersized location situated in the center of the building away from the main entrance, which does not allow proper access control for visitors. The existing steam heating system is deteriorated, unreliable and not insulated sufficiently. Plumbing and fixtures are noted to be beyond their useful life and all restrooms need fittings, fixtures, and partitions replaced. Most electrical wiring and panel boards are original, and lights and light fixtures do not produce adequate lighting for a learning environment. The existing A/C system consists of window units mounted in classrooms, which does not prevent mold and indoor air quality problems. Most portions of the building are multi-story and do not have adequately sized entrances, doorways, and ramps to allow ADA access to the school. The elevator is undersized and needs to be replaced for ADA compliance. The school does not meet AT/FP requirements and has congested traffic patterns that make bus movement, vehicle parking, and pedestrian access dangerous. The cafeteria and kitchen are very small compared to DoDEA Ed Spec standards and do not allow for a proper food service program. The information center is much smaller than the requirement for a middle school of this size population. The 1954 construction wing is in deteriorated condition and needs to be demolished in order to provide proper AT/FP setbacks, bus drop-off area, and vehicle parking for the campus. The 1985 addition should be retained and renovated to meet current DoDEA educational standards.

Projected Enrollment: 325

IMPACT IF NOT PROVIDED: The education programs will continue to be affected as facilities designed to support current programs would not be available. The facility sustainment budget will continue to be stressed as requirements for this one school would reduce funds available for other schools in DoDEA. Costly renovations will be necessary to permit continued, long-term utilization of the buildings. Although SRM renovations will improve appearance and reliability, some aspects of the educational program will continue to be detrimentally impacted by the limitations of the facility. IAQ concerns will worsen with time. Safety and AT/FP concerns with the layout of the campus will continue.

ADDITIONAL: This project will be coordinated with the installation physical security plan and all required AT/FP measures will be included. The use of temporary classroom facilities will be included in the event the construction schedule is delayed as a result of unforeseen circumstances. Sustainable principles will be integrated into the design, development and construction of the project in accordance with Executive Order 13123 and other applicable laws and executive orders. Energy efficient and sustainable design and construction shall be equivalent to a LEED Silver Certification. Energy conservation and environmentally safe measures will be incorporated in this project wherever feasible, practical or required by regulation.

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

POC is Mr. Bruce McFarland, bruce.mcfarland@hq.dodea.edu or (703) 588-3513.
FY 2011 MILITARY CONSTRUCTION PROGRAM

United States Military Academy, West Point, New York

West Point Middle School Addition/Alteration

Program Element: 730-46
Project Number: AM 2455205
Project Cost: $27,960

1. Component: DoDEA
2. Date: February 2010

3. Installation and Location:
United States Military Academy, West Point, New York

4. Project Title:
West Point Middle School Addition/Alteration

5. Program Element
6. Category Code
7. Project Number
8. Project Cost ($000)

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:
1. Status:
   (a) Date Design Started: Feb 2010
   (b) Parametric Cost Estimate Used to Develop Costs: No
   (c) Percent Complete as of January 1, 2010: 0%
   (d) Date 35 Percent Complete: Aug 2010
   (e) Date Design Complete: Feb 2011
   (f) Type of Design Contract: Design/Bid/Build

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

3. Total Cost (c) = (a) + (b) or (d) + (e)
   (a) Production of Plans and Specifications: $2,800
   (b) All other Design Costs: $2,400
   (c) Total: $5,200
   (d) Contract: $400
   (e) In-house

5. Construction Start: May 2011
6. Construction Complete: June 2013

I. 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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<tr>
<td>Furnishings/Equipment</td>
<td>O&amp;M</td>
<td>2011</td>
<td>450</td>
<td></td>
</tr>
<tr>
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<td>O&amp;M</td>
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<td>350</td>
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1. **COMPONENT**
   DoDEA

2. **Date**
   February 2010

3. **Installation and Location**
   United States Military Academy, West Point, NY

4. **COMMAND**
   DoDEA

5. **AREA CONSTRUCTION COST INDEX**
   1.34

6. **PERSONNEL STRENGTH**

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</tr>
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<td></td>
<td></td>
<td>TOTAL</td>
</tr>
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<td>a. AS OF 30 SEP 2009</td>
<td>235</td>
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<td>b. END OF FY 2013</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: 27,960
- AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM: 0
- PLANNED IN NEXT THREE PROGRAM YEARS: 0
- REMAINING DEFICIENCY: 0
- GRAND TOTAL: 27,960

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<tr>
<th>CATEGORY CODE</th>
<th>PROJECT TITLE</th>
<th>SCOPE (SF)</th>
<th>COST ($000)</th>
<th>DESIGN START</th>
<th>STATUS COMPLETE</th>
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<tbody>
<tr>
<td>730-46</td>
<td>Construct Addition to and Renovate Middle School</td>
<td>63,020</td>
<td>27,960</td>
<td>Feb 2010</td>
<td>Jun 2013</td>
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</table>

8. **FUTURE PROJECTS**

- a. INCLUDED IN FOLLOWING PROGRAM
  None

- b. PLANNED IN NEXT THREE YEARS
  None

9. **MISSION OR MAJOR FUNCTIONS**

   Education

10. **OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES ($000)**

   None
1. Component
DoDEA

2. Date
February 2010

3. Installation and Location
Quantico Marine Corps Base, Quantico, VA

4. Project Title
New Consolidated Elementary School

5. Program Element
6. Category Code
7. Project Number
8. Project Cost ($000)
730-55
AM 2455206
47,355

9. Cost Estimates

<table>
<thead>
<tr>
<th>U/M</th>
<th>QUANTITY</th>
<th>UNIT COST $/SF</th>
<th>COST ($000)</th>
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</thead>
<tbody>
<tr>
<td>PRIMARY FACILITY</td>
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<td>SUPPORTING FACILITIES</td>
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<td></td>
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<td>LS</td>
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<td>(810)</td>
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<tr>
<td>Playgrounds</td>
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<td>Demolition of Elementary Schools</td>
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<td>15</td>
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<td>40,716</td>
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<td></td>
<td></td>
<td>47,355</td>
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10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Construct a new 129,577 SF Consolidated Elementary School on Quantico Marine Corps Base, VA to serve 750 Pre-K through 5th Grade students and a Virtual School. Russell Elementary and Ashurst Elementary schools shall be demolished. The new reinforced concrete/steel elementary school will include general purpose classrooms, art classroom, music classroom, computer labs, gymnasium, multipurpose room with stage and kitchen, specialists’ rooms, information center, administrative offices, teacher work rooms, and supply/storage rooms. The school will incorporate advanced communication systems to support technology program requirements, as well as general communications. The project scope will also include utilities, parking, bus loading/unloading area, playground, sports facilities, signage, fencing, landscaping, and security lighting. These facilities shall be designed in accordance with DoDEA Education Facilities Specifications, AT/FP standards, Americans with Disabilities Act Accessibility Guidelines, National Fire Protection Association Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, and energy conservation standards.

This project includes the demolition of the following facilities: Russell Elementary Bldg 3301- 42,723 GSF and Ashurst Elementary Bldg 4320 – 49,043 GSF, for a total of 91,766 GSF.
11. REQUIREMENT:

PROJECT: Demolish the existing Russell Elementary School and Ashurst Elementary School at MCB Quantico, VA, and construct a single consolidated Elementary School at MCB Quantico, VA.

REQUIREMENT: A new elementary school is needed to accommodate 750 students in Pre-K through 5th grades and support present curriculums selected for that age group. The DoDEA America Virtual School will also occupy space in the new elementary school. The school would also incorporate functional areas meeting current education specifications and incorporate functional adjacencies that would simplify school administration.

CURRENT SITUATION: Russell ES is in poor condition warranting immediate replacement. Russell ES is 57 years old and has almost every force protection, infrastructure, safety and space problem possible. Window AC units are the norm in all classrooms with many units sagging due to failing metal window frames. Most windows are metal single pane resulting in significant energy loss and severe deterioration due to rusting. Concrete and brick work is damaged and crumbling around the entire facility. The roof has major leaks and cause damage to interior finishes and systems. The walls show signs of water infiltration. Water intrusion and moisture effects pose potential threats of mold and poor indoor air quality. Affecting education functionality, most classrooms are less than 800 square feet and many are less than 700 square feet. The media center, at 1,310 square feet barely qualifies as a kindergarten classroom in a modern facility. This replacement project will result in a modern, energy efficient school facility capable of meeting the students’ educational needs, plus providing a safe and healthy facility that meets IAQ and force protection concerns.

Ashurst ES is 47 years old. Major infrastructure items such and plumbing and electrical panels in the majority of the original building are past their useful life and require replacement. The entry drive to the school is restricted and parking cannot be expanded due to steep topography. Projected Enrollment: 750 students.

IMPACT IF NOT PROVIDED: Students will continue to be educated in substandard facilities that cannot provide an environment conducive to acceptable standards. Due to the age of Russell ES, the facility will continue to deteriorate and the costs of operating and maintaining will continue to increase. Many of the building systems at both Russell ES and Ashurst ES have reached the end of their useful life, resulting in system failures which will affect the educational function of the facility. Indoor air quality concerns will worsen with time.

ADDITIONAL: This project will be coordinated with the installation physical security plan and all required AT/FP measures will be included. The use of temporary classroom facilities will be included in the event the construction schedule is delayed as a result of unforeseen circumstances. Sustainable principles will be integrated into the design, development and construction of the project in accordance with Executive Order 13123 and other applicable laws and executive orders. Energy efficient and sustainable design and construction shall be equivalent to a LEED Silver Certification. Energy conservation and environmentally safe measures will be incorporated in this project wherever feasible, practical or required by regulation. All known alternatives were considered during the development of this project.

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

POC is Mr. Bruce McFarland, bruce.mcfarland@hq.dodea.edu (703) 588-3513.
1. Component
DoDEA

2. Date
February 2010

3. Installation and Location
Quantico Marine Corps Base, Quantico, VA

4. Project Title
New Consolidated Elementary School

5. Program Element
6. Category Code
730-55

7. Project Number
AM 2455206

8. Project Cost ($000)
47,355

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:
   1. Status:
      (a) Date Design Started
      (b) Parametric Cost Estimate Used to Develop Costs
      (c) Percent Complete as of January 1, 2009
      (d) Date 35 Percent Complete
      (e) Date Design Complete
      (f) Type of Design Contract
         Feb 2010
         No
         0%
         Aug 2010
         May 2011
         Design/Build

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

   3. Total Cost (c) = (a) + (b) or (d) + (e)
      (a) Production of Plans and Specifications
      (b) All other Design Costs
      (c) Total
      (d) Contract
      (e) In-house
         1600
         1400
         200

   4. Contract Award
      Dec 2010

   5. Construction Start
      Feb 2011

   6. Construction Complete
      May 2013

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

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<th>Equipment</th>
<th>Procuring</th>
<th>Fiscal Year</th>
<th>Cost</th>
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</thead>
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<td>Or Requested</td>
<td>($000)</td>
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<td>Active Network Hardware for Local Area</td>
<td>O&amp;M</td>
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<td>Voice over IP Phone Systems (Passive</td>
<td></td>
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<tr>
<td>cable plant installation priced and</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>included as part of construction)</td>
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1. COMPONENT
DoDEA

2. Date
February 2010

3. Installation and Location
Quantico Marine Corps Base, Quantico, VA

4. COMMAND
DoDEA

5. AREA CONSTRUCTION COST INDEX
0.99

6. PERSONNEL STRENGTH

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<td>b. END FY 2013</td>
<td>750</td>
<td>750</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: 47,355
- AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM: 0
- PLANNED IN NEXT THREE PROGRAM YEARS: 0
- REMAINING DEFICIENCY: 0
- GRAND TOTAL: 47,355

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<tr>
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<th>SCOPE</th>
<th>COST ($000)</th>
<th>DESIGN START</th>
<th>STATUS COMPLETE</th>
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9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM
   None

b. PLANNED IN NEXT THREE YEARS
   Quantico M/HS $39.5M

10. MISSION OR MAJOR FUNCTIONS
    Education

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES ($000)
    None
1. **COMPONENT**  
DoDEA

2. **Date**  
February 2010

3. **Installation and Location**  
Alconbury, United Kingdom

4. **COMMAND**  
DoDEA

5. **AREA CONSTRUCTION COST INDEX**  
1.10

### 6. PERSONNEL STRENGTH

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<td>OFFICER</td>
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<td>OFFICER</td>
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<td>a. AS OF 30 SEP 2009</td>
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<td>215</td>
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- TOTAL ACREAGE: 0
- INVENTORY TOTAL AS OF: 0
- AUTHORIZATION NOT YET IN INVENTORY: 0
- AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM: 30,308
- PLANNED IN NEXT THREE PROGRAM YEARS: 0
- REMAINING DEFICIENCY: 0
- GRAND TOTAL: 30,308

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<th>COST ($000)</th>
<th>DESIGN START</th>
<th>STATUS COMPLETE</th>
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<tbody>
<tr>
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<td>30,308</td>
<td>Mar 2010</td>
<td>Jun 2013</td>
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### 9. FUTURE PROJECTS

- a. INCLUDED IN FOLLOWING PROGRAM
  - None

- b. PLANNED IN NEXT THREE YEARS
  - Alconbury HS, $32,000,000

### 10. MISSION OR MAJOR FUNCTIONS

- Education

### 11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

- None

DD Form 1390, 1 Dec 76
Previous Editions May Be Used Until Exhausted.
**1. Component**
DoDEA

**2. Date**
February 2010

**3. Installation and Location**
Alconbury, United Kingdom

**4. Project Title**
Alconbury Elementary School Replacement

**5. Program Element**

**6. Category Code**
730-46

**7. Project Number**
EUR D02041

**8. Project Cost ($000)**
30,308

**9. Cost Estimates**

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<td>Construction</td>
<td>SF</td>
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<td>SUPPORTING FACILITIES</td>
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<td>Paving and Walks, Curbs and Gutters</td>
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<td>6,905</td>
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</tr>
<tr>
<td>Water, Sewer &amp; Gas</td>
<td>LS</td>
<td></td>
<td>(662)</td>
</tr>
<tr>
<td>Storm Drainage</td>
<td>LS</td>
<td></td>
<td>(1,003)</td>
</tr>
<tr>
<td>Electrical Service</td>
<td>LS</td>
<td></td>
<td>(775)</td>
</tr>
<tr>
<td>Communication</td>
<td>LS</td>
<td></td>
<td>(522)</td>
</tr>
<tr>
<td>Antiterrorism/Force Protection (AT/FP)</td>
<td>LS</td>
<td></td>
<td>(1,095)</td>
</tr>
<tr>
<td>Demolition</td>
<td>LS</td>
<td></td>
<td>(700)</td>
</tr>
<tr>
<td>SUBTOTAL</td>
<td></td>
<td></td>
<td>26,226</td>
</tr>
<tr>
<td>CONTINGENCY (5.0%)</td>
<td></td>
<td></td>
<td>1,311</td>
</tr>
<tr>
<td>DESIGN AFTER AWARD (DESIGN BUILD) (2.5%)</td>
<td></td>
<td></td>
<td>656</td>
</tr>
<tr>
<td>ESTIMATED CONSTRUCTION COST</td>
<td></td>
<td></td>
<td>28,193</td>
</tr>
<tr>
<td>SUPERVISION &amp; ADMINISTRATION (6.5%)</td>
<td></td>
<td></td>
<td>1,833</td>
</tr>
<tr>
<td>ENGINEERING DURING CONSTRUCTION (1.0%)</td>
<td></td>
<td></td>
<td>282</td>
</tr>
<tr>
<td>TOTAL PROJECT COST</td>
<td></td>
<td></td>
<td>30,308</td>
</tr>
</tbody>
</table>

**10. DESCRIPTION OF PROPOSED CONSTRUCTION:**

This project will construct a new elementary school. The project will include kindergartens, general purpose classrooms, multipurpose room with cafeteria and kitchen, information center, computer lab, supply areas, specialist rooms, music room, art room, learning impaired room, teacher work rooms, counseling areas, storage and administrative offices. Project includes related infrastructure such as parking areas, mechanical rooms, delivery areas, and playgrounds. Site improvements include signage, fencing, paving, landscaping, covered walkways, exterior lighting and utilities. The project development will require the demolition of buildings 677, 682, and 694. Phased building demolition will be required to accommodate new construction without interrupting school operations. Provide temporary classroom facilities. Facilities will be designed in accordance with DoDEA Education Facilities Specifications, Americans with Disabilities Act Accessibility Guidelines, National Fire Protection Association Life Safety Code, Standards of Seismic Safety for Federally Owned Buildings, and energy conservation standards. Sustainable design will be integrated into the design in accordance with Silver Leadership in Energy and Environmental Design (LEED) criteria.
<table>
<thead>
<tr>
<th>1. Component</th>
<th>DoDEA</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Date</td>
<td>February 2010</td>
</tr>
<tr>
<td>3. Installation and Location</td>
<td>Alconbury, United Kingdom</td>
</tr>
<tr>
<td>4. Project Title</td>
<td>Alconbury Elementary School Replacement</td>
</tr>
<tr>
<td>5. Program Element</td>
<td></td>
</tr>
<tr>
<td>6. Category Code</td>
<td>730-46</td>
</tr>
<tr>
<td>7. Project Number</td>
<td>EUR D02041</td>
</tr>
<tr>
<td>8. Project Cost ($000)</td>
<td>30,308</td>
</tr>
</tbody>
</table>

**11. REQUIREMENT:**

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

**REQUIREMENT:** The new school is required to provide adequate academic facilities for students in grades Kindergarten through 5.

**CURRENT SITUATION:** The existing facilities are in failing condition. Many of the buildings being replaced are 30 to 50 years old. Existing classroom and education spaces are dispersed across the school grounds. Inefficiencies due to travel times to these dispersed locations can be observed as students travel between classrooms, the dining facility and other activities. Additionally, undersized classrooms, inadequate facilities, and poorly configured buildings further reduce efficiency and fail to meet the standards of the DoDEA Educational Facilities Specifications. Aging utility infrastructure systems result in excessive maintenance costs. Most infrastructure has suffered due to a lack of required repair and maintenance and has exceeded it useful life. There are numerous NFPA Life Safety and ADA code violations and no fire suppression systems. Bathrooms and plumbing are in severe need of renovation. Indoor air quality is a growing concern due to moisture and mold. The facilities do not meet construction standards for force protection and energy efficiency. Numerous maintenance and repair problems have developed and are becoming non-repairable. The existing facilities do not meet many of the AT/FP requirements.

**IMPACT IF NOT PROVIDED:** The continued use of unsafe, inadequate, and undersized facilities that do not accommodate the current student population will continue to impair the overall educational program for students. If new facilities are not provided, the substandard environment will continue to hamper the educational process. The condition of the school is impacting the quality of education for the students. Yearly maintenance and utility costs will continue to run high and the school will continue to struggle performing their mission in a limited capacity due to the inadequate and undersized facilities.

**ADDITIONAL:** This project has been coordinated with the installation physical security plans and all AT/FP measures are included. The use of temporary classroom facilities will be included in the event the construction schedule is delayed as a result of unforeseen circumstances and to accommodate the phased demolition of buildings. Sustainable principles will be integrated in the design, development and construction of the project in accordance with Executive Order 13123 and other applicable laws and executive orders. Energy conservation and environmentally safe measures will be incorporated in this project wherever feasible, practical or required by regulation. All known alternatives were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

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

POC is Mr. Bruce McFarland, bruce.mcfarland@hq.dodea.edu (703) 588-3513
1. Component
DoDEA

2. Date
February 2010

3. Installation and Location
Alconbury, United Kingdom

4. Project Title
Alconbury Elementary School Replacement

5. Program Element

6. Category Code
730-46

7. Project Number
EUR D02041

8. Project Cost ($000)
30,308

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

1. Status:
   (a) Date Design Started
   (b) Parametric Cost Estimate Used to Develop Costs
   (c) Percent Complete as of January 1, 2010
   (d) Date 35 Percent Complete
   (e) Date Design Complete
   (f) Type of Design Contract

2. Basis:
   (a) Standard or Definitive Design
   (b) Date Design was Most Recently Used

3. Total Cost (c) = (a) + (b) or (d) + (e)
   (a) Production of Plans and Specifications
   (b) All other Design Costs
   (c) Total
   (d) Contract
   (e) In-house

4. Contract Award

5. Construction Start

6. Construction Complete

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

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Procuring</th>
<th>Fiscal Year Appropriated</th>
<th>Cost ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Furnishings/Equipment (Military Service Funded)</td>
<td>O&amp;M</td>
<td>2013</td>
<td>300</td>
</tr>
<tr>
<td>Kitchen Equipment (Military Service Funded)</td>
<td>O&amp;M</td>
<td>2013</td>
<td>350</td>
</tr>
<tr>
<td>Active Network Hardware for Local Area Network and Voice over IP Phone Systems (Passive cable plant installation priced and included as part of construction)</td>
<td>O&amp;M</td>
<td>2013</td>
<td>400</td>
</tr>
</tbody>
</table>