



***Department of the Army
Fiscal Year (FY) 2012
Budget Submission***

***Military Construction, Army
Family Housing & Homeowners Assistance***

**JUSTIFICATION DATA SUBMITTED TO CONGRESS
February 2011**

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2012
MILITARY CONSTRUCTION (Part I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

| STATE | INSTALLATION (COMMAND) | | | NEW/ | |
|---------------|---|---------------|---------------|---------|-------|
| ----- PROJECT | ----- | AUTHORIZATION | APPROPRIATION | CURRENT | |
| NUMBER | PROJECT TITLE | REQUEST | REQUEST | MISSION | PAGE |
| ----- | ----- | ----- | ----- | ----- | ----- |
| Alabama | Fort Rucker (IMCOM) | | | | 3 |
| 65429 | Combat Readiness Center | 11,600 | 11,600 | C | 5 |
| | Subtotal Fort Rucker Part I | \$ 11,600 | 11,600 | | |
| | * TOTAL MCA FOR Alabama | \$ 11,600 | 11,600 | | |
| Alaska | Joint Base Elmendorf-Richardson (USARPAC) | | | | |
| 61515 | Physical Fitness Facility | 26,000 | 26,000 | C | 11 |
| 72270 | Brigade Complex, Ph 2 | 74,000 | 74,000 | N | 15 |
| 75004 | Organizational Parking | 3,600 | 3,600 | N | 19 |
| | Subtotal Joint Base Elmendorf-Richardson Part I | \$ 103,600 | 103,600 | | |
| | Fort Wainwright (IMCOM) | | | | 23 |
| 67113 | Aviation Complex, Ph 3A | 114,000 | 114,000 | C | 25 |
| | Subtotal Fort Wainwright Part I | \$ 114,000 | 114,000 | | |
| | * TOTAL MCA FOR Alaska | \$ 217,600 | 217,600 | | |
| California | Fort Irwin (IMCOM) | | | | 31 |
| 70517 | Qualification Training Range | 15,500 | 15,500 | C | 33 |
| 71707 | Infantry Squad Battle Course | 7,500 | 7,500 | C | 36 |
| | Subtotal Fort Irwin Part I | \$ 23,000 | 23,000 | | |
| | Presidio of Monterey (IMCOM) | | | | 41 |
| | Presidio Of Monterey | | | | |
| 56425 | General Instruction Building | 3,000 | 3,000 | C | 43 |
| | Subtotal Presidio of Monterey Part I | \$ 3,000 | 3,000 | | |
| | * TOTAL MCA FOR California | \$ 26,000 | 26,000 | | |

DEPARTMENT OF THE ARMY
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MILITARY CONSTRUCTION (Part I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

| STATE | INSTALLATION (COMMAND) | | | NEW/ | |
|-------------------------|---------------------------------------|--------------------------|--------------------------|--------------------|-------|
| ----- PROJECT NUMBER | ----- PROJECT TITLE | AUTHORIZATION REQUEST | APPROPRIATION REQUEST | CURRENT MISSION | PAGE |
| ----- | ----- | ----- | ----- | ----- | ----- |
| Colorado | Fort Carson (IMCOM) | | | | 49 |
| 65602 | Brigade Headquarters | 14,400 | 14,400 | C | 51 |
| 77264 | Barracks | 67,000 | 67,000 | C | 54 |
| 77265 | Barracks | 46,000 | 46,000 | C | 57 |
| 77302 | Control Tower | 14,200 | 14,200 | C | 60 |
| 77306 | Aircraft Maintenance Hangar | 63,000 | 63,000 | C | 63 |
| 77319 | Aircraft Loading Area | 34,000 | 34,000 | C | 66 |
| | Subtotal Fort Carson Part I | \$ 238,600 | 238,600 | | |
| | * TOTAL MCA FOR Colorado | \$ 238,600 | 238,600 | | |
| Georgia | Fort Benning (IMCOM) | | | | 71 |
| 62953 | Rail Loading Facility | 13,600 | 13,600 | C | 73 |
| 69745 | Trainee Barracks Complex, Ph 3 | 23,000 | 23,000 | N | 77 |
| 75045 | Land Acquisition | 5,100 | 5,100 | C | 81 |
| 75046 | Land Acquisition | 25,000 | 25,000 | C | 84 |
| | Subtotal Fort Benning Part I | \$ 66,700 | 66,700 | | |
| | Fort Gordon (IMCOM) | | | | 87 |
| 71705 | Hand Grenade Familiarization Range | 1,450 | 1,450 | C | 89 |
| | Subtotal Fort Gordon Part I | \$ 1,450 | 1,450 | | |
| | Fort Stewart (IMCOM) | | | | 93 |
| 62728 | Dog Kennel | 2,600 | 2,600 | C | 95 |
| | Subtotal Fort Stewart Part I | \$ 2,600 | 2,600 | | |
| | * TOTAL MCA FOR Georgia | \$ 70,750 | 70,750 | | |
| Hawaii | Schofield Barracks (IMCOM) | | | | 101 |
| 59581 | Centralized Wash Facility | 32,000 | 32,000 | C | 103 |
| 69489 | Combat Aviation Brigade Complex, Ph 1 | 73,000 | 73,000 | C | 106 |
| | Subtotal Schofield Barracks Part I | \$ 105,000 | 105,000 | | |

DEPARTMENT OF THE ARMY
FISCAL YEAR 2012
MILITARY CONSTRUCTION (Part I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

| STATE | INSTALLATION (COMMAND) | AUTHORIZATION | APPROPRIATION | NEW/ CURRENT | MISSION | PAGE |
|-------------------------------------|---|---------------|---------------|-----------------|---------|------|
| ----- PROJECT NUMBER ----- | ----- PROJECT TITLE ----- | REQUEST | REQUEST | | | |
| | Fort Shafter (IMCOM) | | | | | 111 |
| 64967 | Child Development Center | 17,500 | 17,500 | C | | 113 |
| | Subtotal Fort Shafter Part I | \$ 17,500 | 17,500 | | | |
| | * TOTAL MCA FOR Hawaii | \$ 122,500 | 122,500 | | | |
| Kansas | Fort Riley (IMCOM) | | | | | 119 |
| 02728 | Physical Fitness Facility | 13,000 | 13,000 | C | | 121 |
| 61211 | Chapel | 10,400 | 10,400 | C | | 124 |
| 69834 | Unmanned Aerial Vehicle Maintenance Hangar Forbes Airfield | 60,000 | 60,000 | C | | 127 |
| 59148 | Deployment Support Facility | 5,300 | 5,300 | C | | 131 |
| | Subtotal Fort Riley Part I | \$ 88,700 | 88,700 | | | |
| | * TOTAL MCA FOR Kansas | \$ 88,700 | 88,700 | | | |
| Kentucky | Fort Campbell (IMCOM) | | | | | 137 |
| 18646 | Vehicle Maintenance Facility | 16,000 | 16,000 | C | | 139 |
| 64297 | Vehicle Maintenance Facility | 40,000 | 40,000 | C | | 143 |
| 65147 | Physical Fitness Facility | 18,500 | 18,500 | C | | 147 |
| 69501 | Unmanned Aerial Vehicle Maintenance Hangar | 67,000 | 67,000 | C | | 150 |
| 71703 | Scout/Recce Gunnery Range | 18,000 | 18,000 | C | | 154 |
| 72684 | Barracks Complex | 65,000 | 65,000 | C | | 158 |
| 73541 | Barracks | 23,000 | 23,000 | C | | 161 |
| | Subtotal Fort Campbell Part I | \$ 247,500 | 247,500 | | | |
| | Fort Knox (IMCOM) | | | | | 165 |
| 64823 | Automated Infantry Platoon Battle Course | 7,000 | 7,000 | C | | 167 |
| 65293 | Battalion Complex | 48,000 | 48,000 | C | | 170 |
| | Subtotal Fort Knox Part I | \$ 55,000 | 55,000 | | | |
| | * TOTAL MCA FOR Kentucky | \$ 302,500 | 302,500 | | | |

DEPARTMENT OF THE ARMY
FISCAL YEAR 2012
MILITARY CONSTRUCTION (Part I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

| STATE | INSTALLATION (COMMAND) | AUTHORIZATION | APPROPRIATION | NEW/ CURRENT | MISSION PAGE |
|-------------------------|---|---------------|---------------|-----------------|--------------|
| ----- PROJECT NUMBER | ----- PROJECT TITLE | REQUEST | REQUEST | | ----- |
| Louisiana | Fort Polk (IMCOM) | | | | 177 |
| 17220 | Fire Station | 9,200 | 9,200 | C | 179 |
| 62622 | Military Working Dog Facility | 2,600 | 2,600 | C | 182 |
| 64415 | Brigade Complex | 23,000 | 23,000 | C | 185 |
| 66195 | Land Acquisition | 27,000 | 27,000 | C | 189 |
| 67033 | Multipurpose Machine Gun Range | 8,300 | 8,300 | C | 192 |
| | Subtotal Fort Polk Part I | \$ 70,100 | 70,100 | | |
| | * TOTAL MCA FOR Louisiana | \$ 70,100 | 70,100 | | |
| Maryland | Aberdeen Proving Ground (IMCOM) | | | | 197 |
| 66750 | Auto Technology Evaluation Fac, Ph 3 | 15,500 | 15,500 | C | 199 |
| 68050 | Command and Control Facility | 63,000 | 63,000 | N | 203 |
| | Subtotal Aberdeen Proving Ground Part I | \$ 78,500 | 78,500 | | |
| | Fort Meade (IMCOM) | | | | 207 |
| 64939 | Applied Instruction Facility | 43,000 | 43,000 | C | 209 |
| 65755 | Brigade Complex | 36,000 | 36,000 | N | 213 |
| | Subtotal Fort Meade Part I | \$ 79,000 | 79,000 | | |
| | * TOTAL MCA FOR Maryland | \$ 157,500 | 157,500 | | |
| Missouri | Fort Leonard Wood (IMCOM) | | | | 219 |
| 64365 | Vehicle Maintenance Facility | 49,000 | 49,000 | C | 221 |
| | Subtotal Fort Leonard Wood Part I | \$ 49,000 | 49,000 | | |
| | * TOTAL MCA FOR Missouri | \$ 49,000 | 49,000 | | |
| New York | Fort Drum (IMCOM) | | | | 227 |
| 58005 | Ammunition Supply Point | 5,700 | 5,700 | C | 229 |
| 61235 | Chapel | 7,600 | 7,600 | C | 232 |
| | Subtotal Fort Drum Part I | \$ 13,300 | 13,300 | | |
| | * TOTAL MCA FOR New York | \$ 13,300 | 13,300 | | |

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 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)
 INSIDE THE UNITED STATES

| STATE | INSTALLATION (COMMAND) | | | NEW/ | |
|----------------|---|---------------|---------------|---------|-------|
| ----- PROJECT | ----- | AUTHORIZATION | APPROPRIATION | CURRENT | |
| NUMBER | PROJECT TITLE | REQUEST | REQUEST | MISSION | PAGE |
| ----- | ----- | ----- | ----- | ----- | ----- |
| North Carolina | Fort Bragg (IMCOM) | | | | 237 |
| 43335 | NCO Academy | 42,000 | 42,000 | C | 239 |
| 67711 | Access Roads, Ph 2 | 18,000 | 18,000 | C | 243 |
| 69835 | Unmanned Aerial Vehicle Maintenance Hangar | 54,000 | 54,000 | C | 246 |
| 70751 | Brigade Complex Facilities | 49,000 | 49,000 | C | 250 |
| 76958 | Battle Command Training Center | 23,000 | 23,000 | C | 254 |
| | Subtotal Fort Bragg Part I | \$ 186,000 | 186,000 | | |
| | * TOTAL MCA FOR North Carolina | \$ 186,000 | 186,000 | | |
| Oklahoma | McAlester Army Ammunition Plant (AMC) | | | | 261 |
| | McAlester AAP | | | | |
| 58207 | Railroad Tracks | 6,300 | 6,300 | C | 263 |
| 58351 | Ammunition Loading Pads | 1,700 | 1,700 | C | 266 |
| | Subtotal McAlester Army Ammunition Plant Part I | \$ 8,000 | 8,000 | | |
| | Fort Sill (IMCOM) | | | | 269 |
| 01235 | Physical Fitness Facility | 25,000 | 25,000 | C | 271 |
| 20697 | Chapel | 13,200 | 13,200 | C | 274 |
| 58537 | Reception Station, Ph 1 | 36,000 | 36,000 | C | 277 |
| 61846 | Rail Deployment Facility | 3,400 | 3,400 | C | 282 |
| 64753 | Vehicle Maintenance Facility | 51,000 | 51,000 | C | 285 |
| 64815 | Battle Command Training Center | 23,000 | 23,000 | C | 289 |
| 74690 | THAAD Instruction Facility | 33,000 | 33,000 | C | 293 |
| | Subtotal Fort Sill Part I | \$ 184,600 | 184,600 | | |
| | * TOTAL MCA FOR Oklahoma | \$ 192,600 | 192,600 | | |
| South Carolina | Fort Jackson (IMCOM) | | | | 299 |
| 62955 | Trainee Barracks Complex, Ph 2 | 59,000 | 59,000 | C | 301 |
| 67022 | Modified Record Fire Range | 4,900 | 4,900 | C | 305 |
| | Subtotal Fort Jackson Part I | \$ 63,900 | 63,900 | | |
| | * TOTAL MCA FOR South Carolina | \$ 63,900 | 63,900 | | |

DEPARTMENT OF THE ARMY
FISCAL YEAR 2012
MILITARY CONSTRUCTION (Part I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

| STATE | INSTALLATION (COMMAND) | AUTHORIZATION | APPROPRIATION | NEW/ CURRENT | MISSION PAGE |
|-------------------------------------|--|---------------|---------------|-----------------|--------------|
| ----- PROJECT NUMBER ----- | ----- PROJECT TITLE ----- | REQUEST | REQUEST | | ----- |
| Texas | Fort Bliss (IMCOM) | | | | 311 |
| 68305 | Vehicle Maintenance Facility | 24,000 | 24,000 | C | 313 |
| 68993 | Electronics Maintenance Facility | 14,600 | 14,600 | C | 317 |
| 69286 | Infrastructure | 14,600 | 14,600 | C | 321 |
| 70514 | Vehicle Maintenance Facility | 14,600 | 14,600 | C | 324 |
| 73686 | Barracks Complex | 13,000 | 13,000 | C | 327 |
| 73688 | Vehicle Maintenance Facility | 19,000 | 19,000 | C | 331 |
| 73690 | JLENS Tactical Training Facility | 39,000 | 39,000 | C | 335 |
| 74845 | Water Well, Potable | 2,400 | 2,400 | | 339 |
| 77489 | Applied Instruction Building | 8,300 | 8,300 | C | 342 |
| | Subtotal Fort Bliss Part I | \$ 149,500 | 149,500 | | |
| | Fort Hood (IMCOM) | | | | 345 |
| 65374 | Operational Readiness Training Complex | 51,000 | 51,000 | C | 347 |
| 69828 | Unmanned Aerial Vehicle Maintenance Hangar | 47,000 | 47,000 | C | 351 |
| 71682 | Vehicle Maintenance Facility | 15,500 | 15,500 | C | 354 |
| 77187 | Vehicle Maintenance Facility | 18,500 | 18,500 | C | 357 |
| | Subtotal Fort Hood Part I | \$ 132,000 | 132,000 | | |
| | Joint Base San Antonio (FORSCOM) | | | | |
| 05034 | Vehicle Maintenance Facility | 10,400 | 10,400 | C | 361 |
| | Subtotal Joint Base San Antonio Part I | \$ 10,400 | 10,400 | | |
| | Red River Army Depot (AMC) | | | | 365 |
| 66691 | Maneuver Systems Sustainment Ctr, Ph 3 | 44,000 | 44,000 | C | 367 |
| | Subtotal Red River Army Depot Part I | \$ 44,000 | 44,000 | | |
| | * TOTAL MCA FOR Texas | \$ 335,900 | 335,900 | | |
| Utah | Dugway Proving Ground (IMCOM) | | | | 373 |
| 55823 | Life Sciences Test Facility Addition | 32,000 | 32,000 | C | 375 |
| | Subtotal Dugway Proving Ground Part I | \$ 32,000 | 32,000 | | |
| | * TOTAL MCA FOR Utah | \$ 32,000 | 32,000 | | |

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2012
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)
 INSIDE THE UNITED STATES

| STATE | INSTALLATION (COMMAND) | | | NEW/ | |
|---------------|---|---------------|---------------|---------|-------|
| ----- PROJECT | ----- | AUTHORIZATION | APPROPRIATION | CURRENT | |
| NUMBER | PROJECT TITLE | REQUEST | REQUEST | MISSION | PAGE |
| ----- | ----- | ----- | ----- | ----- | ----- |
| Virginia | Fort Belvoir (IMCOM) | | | | 381 |
| 57508 | Information Dominance Center, Ph 1 | 52,000 | 52,000 | C | 383 |
| 71149 | Road and Infrastructure Improvements | 31,000 | 31,000 | C | 386 |
| | Subtotal Fort Belvoir Part I | \$ 83,000 | 83,000 | | |
| | Joint Base Langley-Eustis (TRADOC) | | | | |
| 59005 | Aviation Training Facility | 26,000 | 26,000 | C | 391 |
| | Subtotal Joint Base Langley-Eustis Part I | \$ 26,000 | 26,000 | | |
| | * TOTAL MCA FOR Virginia | \$ 109,000 | 109,000 | | |
| Washington | Joint Base Lewis-McChord (FORSCOM) | | | | 397 |
| 53637 | Brigade Complex, Ph 2 | 56,000 | 56,000 | C | 399 |
| 58046 | Operational Readiness Training Cplx, Ph 1 | 28,000 | 28,000 | C | 403 |
| 60344 | Air Support Operations Facilities | 7,300 | 7,300 | C | 407 |
| 64014 | Battalion Complex | 59,000 | 59,000 | C | 411 |
| 66206 | Infrastructure, Ph 1 | 64,000 | 64,000 | C | 415 |
| 76767 | Aviation Unit Complex, Ph 1A | 34,000 | 34,000 | C | 419 |
| 76768 | Aviation Complex, Ph 1B | 48,000 | 48,000 | C | 423 |
| | Subtotal Joint Base Lewis-McChord Part I | \$ 296,300 | 296,300 | | |
| | * TOTAL MCA FOR Washington | \$ 296,300 | 296,300 | | |
| | ** TOTAL INSIDE THE UNITED STATES FOR MCA | \$ 2,583,850 | 2,583,850 | | |

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2012
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)
 OUTSIDE THE UNITED STATES

| STATE | INSTALLATION (COMMAND) | | | NEW/ | |
|---------------|-------------------------------------|---------------|---------------|---------|-------|
| ----- PROJECT | ----- | AUTHORIZATION | APPROPRIATION | MISSION | PAGE |
| NUMBER | PROJECT TITLE | REQUEST | REQUEST | | |
| ----- | ----- | ----- | ----- | ----- | ----- |
| Afghanistan | Afghanistan Various (ARCENT) | | | | |
| | Bagram Air Base | | | | |
| 74062 | Entry Control Point | 20,000 | 20,000 | C | 429 |
| 74067 | Construct Drainage System, Ph 3 | 31,000 | 31,000 | C | 432 |
| 74084 | Barracks, Ph 5 | 29,000 | 29,000 | C | 435 |
| | Subtotal Afghanistan Various Part I | \$ 80,000 | 80,000 | | |
| | * TOTAL MCA FOR Afghanistan | \$ 80,000 | 80,000 | | |
| Germany | Germany Various (IMCOM) | | | | 441 |
| | Germersheim Army Depot | | | | |
| 59871 | Infrastructure | 16,500 | 16,500 | C | 443 |
| 70013 | Central Distribution Facility | 21,000 | 21,000 | C | 446 |
| | Grafenwoehr | | | | |
| 55985 | Chapel | 15,500 | 15,500 | C | 450 |
| 69614 | Barracks | 17,500 | 17,500 | C | 453 |
| | Grafenwoehr Training Area | | | | |
| 65129 | Convoy Live Fire Range | 5,000 | 5,000 | C | 456 |
| | Kelley Barracks | | | | |
| 61842 | Access Control Point | 12,200 | 12,200 | C | 459 |
| | Landstuhl | | | | |
| 57594 | Satellite Communications Center | 24,000 | 24,000 | C | 463 |
| 58925 | Satellite Communications Center | 39,000 | 39,000 | C | 467 |
| | Oberdachstetten Training Area | | | | |
| 71906 | Automated Record Fire Range | 12,200 | 12,200 | C | 472 |
| | South Camp Vilseck | | | | |
| 69615 | Barracks | 20,000 | 20,000 | C | 475 |
| | Subtotal Germany Various Part I | \$ 182,900 | 182,900 | | |
| | * TOTAL MCA FOR Germany | \$ 182,900 | 182,900 | | |
| Honduras | Honduras Various (USARSO) | | | | |
| 61388 | Barracks | 25,000 | 25,000 | C | 481 |
| | Subtotal Honduras Various Part I | \$ 25,000 | 25,000 | | |
| | * TOTAL MCA FOR Honduras | \$ 25,000 | 25,000 | | |

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2012
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)
 OUTSIDE THE UNITED STATES

| STATE | INSTALLATION (COMMAND) | | | NEW/ | |
|--------|--|-------|---------------|---------------|--------------|
| ----- | PROJECT | ----- | AUTHORIZATION | APPROPRIATION | CURRENT |
| NUMBER | PROJECT TITLE | | REQUEST | REQUEST | MISSION PAGE |
| ----- | ----- | | ----- | ----- | ----- |
| Korea | Korea Various (IMCOM) | | | | 487 |
| | Area IV Camp Carroll | | | | |
| 72650 | Barracks | | 41,000 | 41,000 | C 489 |
| | Area IV Camp Henry | | | | |
| 76235 | Barracks Complex | | 48,000 | 48,000 | C 493 |
| | | | ----- | ----- | |
| | Subtotal Korea Various Part I | | \$ 89,000 | 89,000 | |
| | * TOTAL MCA FOR Korea | | \$ 89,000 | 89,000 | |
| | ** TOTAL OUTSIDE THE UNITED STATES FOR MCA | | \$ 376,900 | 376,900 | |

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2012
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)
 WORLDWIDE

| STATE | INSTALLATION (COMMAND) | AUTHORIZATION APPROPRIATION | | PAGE |
|-------------------------|--|-----------------------------|--------------|-------|
| ----- PROJECT NUMBER | ----- PROJECT TITLE | REQUEST | REQUEST | ----- |
| Worldwide Various | Planning and Design (PLNGDES) | | | |
| | Planning and Design Host Nation | | | |
| 66743 | Host Nation Support | 0 | 25,500 | 499 |
| 66745 | Planning & Design | 0 | 229,741 | 501 |
| | Subtotal Planning and Design Part I | \$ 0 | 255,241 | |
| | Minor Construction (MINOR) | | | |
| 66747 | Minor Construction | 0 | 20,000 | 503 |
| | Subtotal Minor Construction Part I | \$ 0 | 20,000 | |
| | * TOTAL MCA FOR Worldwide Various | \$ 0 | 275,241 | |
| | ** TOTAL WORLDWIDE FOR MCA | \$ 0 | 275,241 | |
| | MILITARY CONSTRUCTION (Part I) TOTAL | \$ 2,960,750 | 3,235,991 | |
| | Total Cost of New Mission Projects | (5) | \$ 199,600 | |
| | Total Cost of Current Mission Projects | (100) | \$ 2,758,750 | |
| | Total Cost of other line items | (4) | \$ 277,641 | |
| | Total Cost of FY 2012 MCA Projects | (109) | \$ 3,235,991 | |

DEPARTMENT OF THE ARMY
MILITARY CONSTRUCTION (Part I) FY 2012

COMMAND SUMMARY

| MAJOR ARMY COMMAND NAME | AUTHORIZATION REQUEST | APPROPRIATION REQUEST |
|---|--------------------------|--------------------------|
| INSIDE THE UNITED STATES | | |
| | | |
| US Army Materiel Command | 52,000 | 52,000 |
| US Army Forces Command | 306,700 | 306,700 |
| US Army Installation Management Command | 2,095,550 | 2,095,550 |
| US Army Training and Doctrine Command | 26,000 | 26,000 |
| US Army Pacific | 103,600 | 103,600 |
| OUTSIDE THE UNITED STATES | | |
| | | |
| US Army Central | 80,000 | 80,000 |
| US Army Installation Management Command | 271,900 | 271,900 |
| US Army South | 25,000 | 25,000 |
| WORLDWIDE | | |
| | | |
| Military Construction, Army Minor | 0 | 20,000 |
| Planning and Design | 0 | 255,241 |
| TOTAL | 2,960,750 | 3,235,991 |

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MILITARY CONSTRUCTION, ARMY

The military construction program for the active Army shown in the schedules of this title is summarized in the following tabulation:

| <u>FISCAL YEAR</u> | <u>MILITARY CONSTRUCTION, ARMY APPROPRIATIONS (\$)</u> |
|--------------------|--|
| 2012 | \$3,235,991,000 |
| 2011 | \$4,078,798,000 |
| 2010 | \$3,430,003,000 |

1. Major Construction. The MCA major construction program is one of the most visible means of improving the working and living conditions of Army personnel. This program provides for military construction projects in the United States and overseas as authorized in currently effective Military Construction Acts and in this year's request for Authorizations and Appropriations.

This request funds the Army's most critical facility needs for the following Army initiatives: (1) Transformation to a Modular Force (AMF), (2) Modernization, (3) Training Support, (4) Grow the Force (GTF), and (5) Strategic Readiness. Within these initiatives are projects required to support unit stationing actions associated with the Global Defense Posture Realignment (GDPR), as well as the creation of a 13th Combat Aviation Brigade (CAB). Other investment priorities include the buy-out of the Army's inventory of inadequate Permanent Party and Training Barracks. Within each construction project is an estimate of what facility features are required to meet various energy security requirements. If the full cost of energy mandate compliance is not yet known, it is programmed at a minimum of 2 percent of primary facility cost.

2. Minor Construction. Provision is made for construction of future unspecified projects that have not been individually authorized by law but are determined to be urgent requirements and do not cost more than the amounts specified in 10 USC 2805. Projects awarded with these funds may not exceed \$2 million. They may be awarded up to \$3.0 million if there is a threat to life, health, or safety that cannot be mitigated with O&M funds, and deferral of the construction project until the next Military Construction Authorization Act poses an unacceptable and imminent risk to military personnel.

3. Planning & Design. This provides for necessary planning of military construction projects including design, host nation support, standards, surveys, studies, and other related activities. In general, design funds requested in fiscal year 2012 will be used to design projects in the Army's Fiscal Years 2013 and 2014 programs. Per policy

guidance issued by the Assistant Secretary of the Army (Installations, Energy, and the Environment) on 27 October 2010, all new construction projects will be designed to achieve reduced energy consumption at or below the levels specified in ASHRAE Standard 189.1 Section 7. Compliance shall be to the extent project funds and technology allows. On-site renewable energy requirements in ASHRAE Standard 189.1, Section 7, may be met on an installation-wide or program-wide basis.

Department of Defense

MILITARY CONSTRUCTION, ARMY

Fiscal Year 2012

MILITARY CONSTRUCTION, ARMY

For acquisition, construction, installation, and equipment of temporary or permanent public works, military installations, facilities, and real property for the Army as currently authorized by law, including personnel in the Army Corps of Engineers and other personal services necessary for the purposes of this appropriation, and for construction and operation of facilities in support of the functions of the Commander in Chief, \$3,235,991,000, to remain available until September 30, 2016: Provided, That of this amount, not to exceed \$255,241,000 shall be available for study, planning, design, architect and engineer services, and host nation support, as authorized by law, unless the Secretary of Defense determines that additional obligations are necessary for such purposes and notifies the Committees on Appropriations of both Houses of Congress of the determination and the reasons therefore.

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Items of Interest-Authorizing Committees

House Report 111-491 on the FY11 National Defense Authorization Bill

Planning and Design.

On page 492 (of the House Report 111-491), the Committee directed that funds for planning and design be expended for the following active Army projects:

Planning and Design

| <u>State</u> | <u>Location</u> | <u>Project</u> | <u>(\$000)</u> | <u>Status</u> |
|--------------|-----------------|-------------------------------|-----------------|----------------|
| VA | Fort Belvoir | Growth Support Infrastructure | 3,060 | Pending design |
| TX | Fort Bliss | Rail Yard Improvements | 2,070 | Pending design |
| TX | Fort Bliss | Alternative Energy Projects | 1,166 | Pending design |

Unspecified Minor Military Construction.

On page 492 (of the House Report 111-491) the Committee directed the Army to complete the following projects using unspecified Minor Military Construction funds.

Unspecified Minor Military Construction

| <u>State</u> | <u>Location</u> | <u>Project</u> | <u>(\$000s)</u> | <u>Status</u> |
|--------------|-----------------|---|-----------------|----------------|
| AL | Fort Rucker | Emergency Medical Services Facility | 1,700 | Pending design |
| MD | Fort Meade | Mapes Road & Cooper Avenue Improvements | 1,750 | Pending design |

Incremental and Phased Projects

On page 537 (of the Senate Report 110-77, NDAA 2008), the Committee requested that the military departments include on each project justification document (the DD Form 1391), the entire cost of the requirement as well as the cost, by fiscal year, of each past and future phase or increment, in a table format. The Army has provided this information, as requested on all phased, or incrementally funded projects in the FY12 Budget Request. The following phased or incrementally funded projects include the information requested:

| <u>ST</u> | <u>Location</u> | <u>Description</u> |
|-----------|----------------------------------|-----------------------------------|
| AK | Joint Base Elmendorf-Richardson | Brigade Complex, Ph 2 |
| AK | Fort Wainwright | Aviation Complex, Ph 3A |
| GA | Fort Benning | Trainee Barracks Complex, Ph 3 |
| HI | Schofield Barracks (Wheeler AAF) | Combat Aviation BDE Complex, Ph 1 |

| | | |
|----|--------------------------|---|
| MD | Aberdeen Proving Ground | Auto Technology Evaluation Fac, Ph 3 |
| NC | Fort Bragg | Access Roads, Ph 2 |
| OK | Fort Sill | Reception Station, Ph 1 |
| SC | Fort Jackson | Trainee Barracks Complex, Ph 2 |
| TX | Red River Army Depot | Maneuver Systems Sustainment Ctr, Ph 3 |
| VA | Fort Belvoir | Information Dominance Center, Ph 1 |
| WA | Joint Base Lewis-McChord | Brigade Complex, Ph 2 |
| WA | Joint Base Lewis-McChord | Operational Readiness Training Cplx, Ph 1 |
| WA | Joint Base Lewis-McChord | Infrastructure, Ph 1 |
| WA | Joint Base Lewis-McChord | Aviation Complex, Ph 1A |
| WA | Joint Base Lewis-McChord | Aviation Complex, Ph 1B |
| AF | Bagram Air Base | Construct Drainage System, Ph 3 |
| AF | Bagram Air Base | Barracks, Ph 5 |

Additional Issues

Requirement for Authorization to fund an additional FY 2012 Project:

The drinking water system at Fort Irwin, California is currently in violation of the State of California Department of Health Services (DHS) and the California State Water Resources Control Board (SWRB) regulations for the following reasons: the water quality fails to meet state standards for chemical content levels (fluoride, arsenic, and silica) and the use of a two pipe system (potable and non-potable). The California DHS policy precludes future construction of two-pipe water systems. The existing water system delivers water through dual piping systems -- one that supplies potable water to a single faucet in each house or building (typically the kitchen sink), and a separate system that delivers a non-potable water supply to all other faucets/fixtures. This dual-pipe system is not a sustainable solution and human health exposures will continue until an urgently needed new water treatment and distribution system is built. Obtaining the needed authority would permit the Army the flexibility to begin addressing this concern prior to the Fiscal Year 2013 budget request.

| <u>ST</u> | <u>Location</u> | <u>Description</u> | <u>Estimated PA (\$ millions)</u> |
|-----------|-----------------|---|-----------------------------------|
| CA | Fort Irwin | Water Treatment and Distribution System | \$115 |

Fort Irwin Water Treatment and Distribution System, PN 62657 (FY12):

Fort Irwin's State water permit was issued with the intent that a new compliant Water Treatment Plant (WTP) and distribution system would be built in 2010. Notices of Violation (NOV) could be issued to Fort Irwin for not meeting the 2010 requirement. The possibility of a decision by DHS to issue NOVs for non-compliance warrants an expeditious course of action (COA) that would allow construction to begin as early as possible. This was not included in FY12 budget request because the Army had previously sought to use a privatized utility contract to accomplish this work. Private financing would place an extremely large burden on privatized housing by increasing the utility bills an estimated \$300/month/household. Since the existing water system is not in compliance, utility privatization is not available as no willing partner could be found to

accept the liability for very significant up-front investments. The only viable alternative is a MILCON funded WTP and distribution system. The Army requests the Congress authorize this project at its earliest convenience, under MCA. The Army will then seek to fund using unobligated MCA funds. This requirement was identified after budget lock and was not included in the FY2012 budget request. A DD Form 1391 is provided at page xxv.

Requirement for Technical Change, FY 2011 Project:

| <u>ST</u> | <u>Location</u> | <u>Description</u> | <u>Estimated PA (\$ millions)</u> |
|-----------|--------------------|--------------------|-----------------------------------|
| HI | Schofield Barracks | Barracks | \$90 |

Schofield Barracks Barracks, PN 79717 (FY11):

This project, authorized in the Fiscal Year 2011 National Defense Authorization Act, consists of two Barracks (Bldg 450 and Bldg 452) to be renovated/modernized as part of a multi-phase upgrade of Quad "D". This is in an area subject to State Historic Preservation Office oversight. To complete future phased-renovation of the Quad it is more efficient to designate Bldg 452 as a future Company Operations Facility (COF) and accomplish the Barracks renovation/modernization in adjacent Bldg 451. This will assure the ultimate complex is compliant with Army COF standards and historical requirements. Accordingly, the Fiscal year 2011 Whole Barracks Renewal (WBR) project will renovate/modernize buildings 450 and 451 (vice Bldg 452). There is no increase to estimated cost or scope with this requested substitution. A DD Form 1391 is provided at page xxix.

Requirement for Additional Scope Authorization, FY 2011 Project.

There is one FY 2011 project that, due to an oversight, did not include one required line item on the DD Form 1391 the Army submitted in support of the Budget request. The additional scope can be executed within the requested program amount for the project. Further explanation is provided below.

| <u>ST</u> | <u>Location</u> | <u>Description (Line item)</u> | <u>Correct Scope</u> |
|-----------|-----------------|---|----------------------|
| NY | Fort Drum | Aircraft Maintenance Hangar (Parking Apron) | 39,049 SY |

Fort Drum Aircraft Maintenance Hangar, PN 79497 (FY11)

For FY 2011, the Army requested \$16.5 million for construction of an aircraft maintenance hangar on Fort Drum. A required parking apron was not included in the DD Form 1391 the Army submitted to Congress. The project can be executed, to include the required parking apron scope, within the requested program amount. In order to correct this, the Army seeks revised authority to execute the project with 39,049 square yards of parking apron. A revised DD Form 1391 is provided at page xxxiii. The Army anticipates that no additional funds will be required for this project.

Requirement for Corrected Line Item Authorization, FY 2011 Project.

There is one FY 2011 project that, due to a technical error on the DD Form 1391, did not reflect the correct description for one of its line items. The correct scope can be executed

within the requested program amount for the project. Further explanation is provided below.

| <u>ST</u> | <u>Location</u> | <u>Description (Line item)</u> | <u>Correct Line Item</u> |
|-----------|--------------------|--------------------------------|--|
| GE | Wiesbaden Air Base | Information Processing Center | (Renovate Vehicle Parking Garage Parking Area) |

Wiesbaden Air Base Information Processing Center, PN 79498 (FY11)

For FY 2011, the Army requested \$30 million for construction of an Information Processing Center. The supporting DD Form 1391 the Army submitted to Congress misidentified one line item as parking area renovation rather than parking garage construction. The project can be executed, to include the required parking garage scope, within the requested program amount. In order to correct this, the Army seeks revised authority to execute the project with 9,400 square yards of parking garage. A revised DD Form 1391 is provided at page xxxvii. No additional funds will be required for this project.

Requirement for Title Change Authorization, FY 2011 Project in Afghanistan.

There is one FY 2011 project in Afghanistan that did not have the correct title identified. The project can be executed within the existing programmed amount with the correct title. Further explanation is provided below.

| <u>ST</u> | <u>Location</u> | <u>Description (on NDAA 2011)</u> |
|-----------|-----------------|--|
| AF | Shank | Expand Extended Cooperation Programme 1 and Extended Cooperation Programme 2 |

The correct title should be, “Expand Entry Control Point 1 and Entry Control Point 2”

Requirement for Location Change Authorization, FY 2011 Project in Afghanistan.

There is one FY 2011 project that, within NDAA 2011, did not have the correct location identified. The project can be executed within the existing programmed amount at the correct location. Further explanation is provided below.

| <u>ST</u> | <u>Location (on NDAA2011)</u> | <u>Description</u> | <u>Correct Location</u> |
|-----------|-------------------------------|---------------------------------|-------------------------|
| AF | Delaram II | Entry Control Point & Access Rd | Delaram II |

Requirement for Additional Scope Authorization, FY 2009 Project

There is one FY 2009 project that due to a technical error on the DD Form 1391, did not reflect the correct size for one of the line items and requires an increase in one of its line items. The additional scope can be executed within the programmed amount for the project. Further explanation is provided below.

| <u>ST</u> | <u>Location</u> | <u>Description</u> | <u>Correct Scope</u> |
|-----------|-----------------|---|----------------------|
| GA | Fort Benning | Multipurpose Training Range (Ammunition Loading Dock) | 1,802 SF |

Fort Benning Multipurpose Training Range, PN 79663 (FY 09)

In FY 2009, Congress authorized \$17,500,000 for construction of a Multipurpose Training Range which included an ammunition loading dock. Present training needs require the loading dock to be increased from 283 SF to 1,802 SF. The larger loading dock will significantly increase the efficiency of handing and loading of ammunition into tanks by having shorter waiting times and less labor to load tanks. The smaller loading dock will cause down time where tank crews will not be able to train while awaiting ammunition to be loaded. The project can be executed within the present programmed amount with the increased loading dock scope. In order to correct this, the Army will seek at the next opportunity revised authority to execute the larger loading dock. A revised DD Form 1391 is provided at page xLi. No additional funds will be required for this project.

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|---|--|--|---|--|------------------------------------|-----------|-----------|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 Feb 2011 | | | |
| 3. INSTALLATION AND LOCATION Fort Irwin California | | | 4. PROJECT TITLE Water Treatment and Distro System | | | | | |
| 5. PROGRAM ELEMENT | | 6. CATEGORY CODE 841 10 | 7. PROJECT NUMBER 62657 | | 8. PROJECT COST (\$000) 115,000 | | | |
| 9. COST ESTIMATES | | | | | | | | |
| ITEM | | | | | U/M | QUANTITY | UNIT COST | COST (\$000) |
| PRIMARY FACILITY | | | | | | | | 96,088 |
| Water Treatment Plant | | | | | KG | 6,000 | 11,496 | (68,973) |
| Water System Improvements | | | | | LS | -- | -- | (19,093) |
| Untreated Water Storage Tank | | | | | GA | 1,000,000 | 1.15 | (1,150) |
| Treated Water Storage Tank | | | | | GA | 1,000,000 | 1.05 | (1,050) |
| Treated Water Pump Station | | | | | GM | 4,167 | 556.11 | (2,317) |
| Total from Continuation page(s) | | | | | | | | (3,505) |
| SUPPORTING FACILITIES | | | | | | | | 7,955 |
| Electric Service | | | | | LS | -- | -- | (2,539) |
| Water, Sewer, Gas | | | | | LS | -- | -- | (1,094) |
| Paving, Walks, Curbs And Gutters | | | | | LS | -- | -- | (492) |
| Storm Drainage | | | | | LS | -- | -- | (1,307) |
| Site Imp(1,546) Demo() | | | | | LS | -- | -- | (1,546) |
| Information Systems | | | | | LS | -- | -- | (568) |
| Antiterrorism Measures | | | | | LS | -- | -- | (409) |
| ESTIMATED CONTRACT COST | | | | | | | | 104,043 |
| CONTINGENCY (5.00%) | | | | | | | | 5,202 |
| SUBTOTAL | | | | | | | | 109,245 |
| SUPERVISION, INSPECTION & OVERHEAD (5.70%) | | | | | | | | 6,227 |
| TOTAL REQUEST | | | | | | | | 115,472 |
| TOTAL REQUEST (ROUNDED) | | | | | | | | 115,000 |
| INSTALLED EQT-OTHER APPROPRIATIONS | | | | | | | | (108) |
| 10. Description of Proposed Construction Construction of a 6.0 million gallons per day (MGD) or 22,700 cubic meters per day (M3D) 3 stage, Electro-Dialysis Reversal (EDR) water treatment plant. The Plant will treat all contaminants of Fort Irwin's ground water in accordance with (IAW) federal and state requirements (ie: arsenic and fluoride). The water treatment plant will include the EDR facility with pumps, EDR stacks, filters, and an EDR waste equalization tank. The plant also includes treatment of the waste stream from the EDR using lime softening clarifiers, lime solids thickeners, lime sludge lagoons, reverse osmosis (RO) filters, brine treatment facility, concentrate equalization basins and a mechanical evaporator (ME) tower and feed tank, and 3 evaporation ponds. Construction includes a 1 million gallon (MG) or 3,785 cubic meters (M3) pretreatment tank and a 1 MG or 3,785 M3 clear well tank. The water treatment plant will also include control building, and chemical building. The project also includes treated water pump station, process drain pump station, standby generator, and process piping. Supporting utilities and infrastructure upgrades to the water plant include electric service, site improvements, water, sewer, gas, storm water drainage and antiterrorism measures. The water system improvements include pipelines connecting the water plant to Bicycle Lake booster station, replacement of expired pipe and equipment, and water | | | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 Feb 2011 |
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3. INSTALLATION AND LOCATION
Fort Irwin
California

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Water Treatment and Distro System | 5. PROJECT NUMBER 62657 |
|---|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | U/M | Qty | Unit Cost | Cost (\$000) |
|------------------------------|-----|-------|-----------|------------------|
| PRIMARY FACILITY (CONTINUED) | | | | |
| Standby Generator | KW | 1,500 | 1,950 | 3,505 (2,925) |
| IDS Installation | LS | -- | -- | (35) |
| EMCS Connection | LS | -- | -- | (75) |
| SDD and EAct05 | LS | -- | -- | (260) |
| Building Information Systems | LS | -- | -- | (210) |

Description of Proposed Construction: (CONTINUED)
supply /distribution system expansion. Other system improvements include improvement of fire flow, installation of a new water well at Langford Lake and connecting Irwin basin well(s) to Langford Lake transmission line. Tank construction includes rehabilitation of existing water storage tanks and repair/replacement of a structurally failing 1 MG or 3,785 M3 water storage tank. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EAct05) features will be included. Project includes a connection to Energy Monitoring and Control System (EMCS). Air Conditioning (Estimated 123 Tons).

11. REQ: 6,000 KG ADQT: 150 KG SUBSTD: 5,850 KG
PROJECT:
Construct a Water Treatment and Distribution System at Fort Irwin, California.
(Current Mission)

REQUIREMENT:
This project is required to bring the water treatment plant and distribution system into compliance with the California Department of Public Health conditional permit requirements and to deliver water that is in compliance with all applicable Water Works Standard (Title 22, California Code of Regulations) supporting the mission of Fort Irwin and the National Training Center (NTC) by providing safe and healthy water. The daily population at the installation is approximately 16,000 with troop unit rotations (of up to 12 per year) the population can exceed 26,000. The average daily water use is approximately 2.4 million gallons per day (MGD) or 9,085 cubic meters per day (M3D), with a peak usage of 5.4 MGD or 20,441 M3D. The large peak can be attributed to a combination of desert climate exceeding 120 degrees Fahrenheit or 49 Celsius and the large transient population. The installation pumps groundwater from 7 local wells located in Irwin, Bicycle and Langford basins. The general water quality in these basins includes elevated levels of arsenic and fluoride. The preferred treatment process is not affected by dissolved silica which does effect other treatment technologies. The fluoride level

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 Feb 2011 |
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3. INSTALLATION AND LOCATION
Fort Irwin
California

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Water Treatment and Distro System | 5. PROJECT NUMBER 62657 |
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REQUIREMENT: (CONTINUED)
exceeds the current state allowed standard. The arsenic levels are above the federal and state standard of 10 parts per billion (ppb). The installation currently has two parallel water systems. Domestic use water comes from chlorinated ground water that is naturally high in fluoride and arsenic. And a Reverse Osmosis (RO) water system that provides potable water using dedicated pipes and faucets to all buildings and residences for drinking and cooking purposes. The domestic use water supplies most of the water to installation and its residents. RO water plant and system only treats 150 KGD or 568 M3D. This is about 6 % of our average demand and 3% or our peak water usage.

CURRENT SITUATION:
In January, 2004, the California Department of Health Services (CDHS) now known as California Department of Public Health (DPH) cited Ft. Irwin for non-compliance with Water Works Standards and all applicable regulations. CDPH has approved a conditional permit (Number 03-13-04(P)-001) under Title 22 of California Code of Regulations to operate the water system. Included among the conditions are; 1) elimination of the use of dual pipe system and compliance with all applicable standards, 2) submittal of a plan and time schedule for the water system compliance, and 3) no addition of new service connections prior to bringing the system into compliance. Fort Irwin negotiated an agreement with DPH to allow limited connections to the water distribution system.

IMPACT IF NOT PROVIDED:
If the appropriate system upgrade(s) are not performed, Ft Irwin will continue in violation of CDHS's requirements for a large community water system. The permit limits new connections to the existing distribution system, until the system is compliant with the current standard for fluoride (40CFR.143.3) and arsenic (40CFR). Violation of the water quality standards are linked to various health effects that can possibly subject the installation to legal action.

ADDITIONAL:
All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. Provisions will be made for persons with disabilities if applicable.

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 Feb 2011 |
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3. INSTALLATION AND LOCATION
Fort Irwin
California

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Water Treatment and Distro System | 5. PROJECT NUMBER 62657 |
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/S/ JAMES H. CHEVALLIER
COL, AR
Commanding

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| ESTIMATED CONSTRUCTION START: | MAR 2012 | INDEX: 2578 |
| ESTIMATED MIDPOINT OF CONSTRUCTION: | SEP 2013 | INDEX: 2644 |
| ESTIMATED CONSTRUCTION COMPLETION: | MAR 2015 | INDEX: 2717 |

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| 1. COMPONENT ARMY | | FY 2011 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 Feb 2011 | | | |
| 3. INSTALLATION AND LOCATION Schofield Barracks Hawaii | | | 4. PROJECT TITLE Barracks | | | | | |
| 5. PROGRAM ELEMENT | | 6. CATEGORY CODE 721 11 | 7. PROJECT NUMBER 79717 | | 8. PROJECT COST (\$000) 90,000 | | | |
| 9. COST ESTIMATES | | | | | | | | |
| ITEM | | | | | U/M | QUANTITY | UNIT COST | COST (\$000) |
| PRIMARY FACILITY | | | | | | | | 66,876 |
| Renovate Barracks Bldg 450 | | | | | SF | 84,988 | 281.62 | (23,935) |
| Renovate Barracks Bldg 451 | | | | | SF | 85,953 | 281.62 | (24,207) |
| Renovate Chiller Plant | | | | | SF | 2,670 | 1,274 | (3,401) |
| Lead Paint/Asbestos Removal | | | | | LS | -- | -- | (3,999) |
| EMCS Connection | | | | | LS | -- | -- | (59) |
| Total from Continuation page(s) | | | | | | | | (11,275) |
| SUPPORTING FACILITIES | | | | | | | | 10,927 |
| Electric Service | | | | | LS | -- | -- | (931) |
| Water, Sewer, Gas | | | | | LS | -- | -- | (1,988) |
| Steam And/Or Chilled Water Distribution | | | | | LS | -- | -- | (2,330) |
| Paving, Walks, Curbs And Gutters | | | | | LS | -- | -- | (1,153) |
| Storm Drainage | | | | | LS | -- | -- | (1,266) |
| Site Imp(2,923) Demo() | | | | | LS | -- | -- | (2,923) |
| Information Systems | | | | | LS | -- | -- | (302) |
| Antiterrorism Measures | | | | | LS | -- | -- | (34) |
| ESTIMATED CONTRACT COST | | | | | | | | 77,803 |
| CONTINGENCY (5.00%) | | | | | | | | 3,890 |
| SUBTOTAL | | | | | | | | 81,693 |
| SUPERVISION, INSPECTION & OVERHEAD (6.50%) | | | | | | | | 5,310 |
| DESIGN/BUILD - DESIGN COST (4.0000%) | | | | | | | | 3,268 |
| TOTAL REQUEST | | | | | | | | 90,271 |
| TOTAL REQUEST (ROUNDED) | | | | | | | | 90,000 |
| INSTALLED EQT-OTHER APPROPRIATIONS | | | | | | | | (12) |
| 10. Description of Proposed Construction Renovate/modernize Buildings 450 and 451 of Quad D to provide unaccompanied enlisted personnel housing (UEPH). Lead paint and asbestos removal will be required. For historical preservation purposes, maintaining the architectural character of all buildings will be emphasized. The renovation of the existing buildings will include structural upgrades to meet current standards of Antiterrorism Force Protection (AT/FP) and seismic codes. The ATFP cost in the primary facility includes replacement of glazing for all exterior windows and exterior glazed doors with laminated glass. The ATFP cost in the supporting facility includes provisions for entry control barriers into parking and service entrances. Supporting facilities include mechanical central plant and associated utilities for the whole Quad. Supporting facilities include water, sanitary sewer, storm drainage, sub-drainage, electric service; fire protection and alarm systems and mass notification system (MNS) and information systems associated with the facilities. Access for persons with disabilities will be provided in public areas. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPA05) features will be included. Air Conditioning (Estimated 121 Tons). | | | | | | | | |

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| 1. COMPONENT ARMY | FY 2011 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 Feb 2011 |
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3. INSTALLATION AND LOCATION
 Schofield Barracks
 Hawaii

| | |
|----------------------------------|--------------------------------|
| 4. PROJECT TITLE Barracks | 5. PROJECT NUMBER 79717 |
|----------------------------------|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | U/M | Qty | Unit Cost | Cost (\$000) |
|------------------------------|-----|-----|-----------|----------------|
| PRIMARY FACILITY (CONTINUED) | | | | |
| SDD and EPAct05 | LS | -- | -- | 11,275 (1,365) |
| Antiterrorism Measures | LS | -- | -- | (8,886) |
| Building Information Systems | LS | -- | -- | (1,024) |

11. REQ: 6,487 PN ADQT: 4,485 PN SUBSTD: 724 PN
 PROJECT:
 Renovate/modernize Barracks at Schofield Barracks, HI. (Current Mission)

REQUIREMENT:
 This project is required to provide Soldiers with living conditions that meet current standards. This project is associated with the global Defense posture changes.

CURRENT SITUATION:
 Personnel are currently housed in an existing substandard barracks building located on Schofield Barracks. Existing living accommodations do not meet current Army standards. The Soldiers still use gang latrine and showers. Buildings lack proper plumbing, lighting, ventilation, and partitions for security, privacy, comfort and noise abatement. Billeting is currently located in the same building as the unit operations and headquarters facilities. This condition does not meet the current Army standards to provide quality living conditions for the Soldier by separating the administrative and operations facilities from the barracks.

IMPACT IF NOT PROVIDED:
 If this project is not provided, Soldiers will continue to live and work in substandard and deteriorated facilities, which will adversely impact morale, retention, and readiness.

ADDITIONAL:
 This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life

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| 1. COMPONENT ARMY | FY 2011 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 Feb 2011 |
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3. INSTALLATION AND LOCATION
 Schofield Barracks
 Hawaii

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|----------------------------------|--------------------------------|
| 4. PROJECT TITLE Barracks | 5. PROJECT NUMBER 79717 |
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ADDITIONAL: (CONTINUED)
 Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.
 During the past two years, \$6M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Schofield Barracks, HI. Upon completion of this multi-phased project and other projects approved through FY 2011, the remaining unaccompanied enlisted permanent party deficit is 1,343 personnel at this installation.

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| ESTIMATED CONSTRUCTION START: | MAR 2011 | INDEX: 2537 |
| ESTIMATED MIDPOINT OF CONSTRUCTION: | JUN 2012 | INDEX: 2589 |
| ESTIMATED CONSTRUCTION COMPLETION: | OCT 2013 | INDEX: 2648 |

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| 1. COMPONENT ARMY | | FY 2011 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 Feb 2011 | | | |
| 3. INSTALLATION AND LOCATION Fort Drum New York | | | 4. PROJECT TITLE Aircraft Maintenance Hangar | | | | | |
| 5. PROGRAM ELEMENT | | 6. CATEGORY CODE 211 10 | 7. PROJECT NUMBER 79497 | | 8. PROJECT COST (\$000) 16,500 | | | |
| 9. COST ESTIMATES | | | | | | | | |
| ITEM | | | | | U/M | QUANTITY | UNIT COST | COST (\$000) |
| PRIMARY FACILITY | | | | | | | | 13,174 |
| Aircraft Maintenance Hangar | | | | | SF | 36,826 | 190.00 | (6,997) |
| Medivac Readiness | | | | | SF | 1,945 | 260.00 | (506) |
| Maintenance Hangar Renovation | | | | | SF | 146,000 | 13.00 | (1,898) |
| Special Foundations | | | | | LS | -- | -- | (383) |
| Rotary-Wing Parking Apron | | | | | SF | 351,441 | 7.33 | (2,577) |
| Total from Continuation page(s) | | | | | | | | (813) |
| SUPPORTING FACILITIES | | | | | | | | 1,354 |
| Electric Service | | | | | LS | -- | -- | (377) |
| Water, Sewer, Gas | | | | | LS | -- | -- | (95) |
| Paving, Walks, Curbs And Gutters | | | | | LS | -- | -- | (150) |
| Storm Drainage | | | | | LS | -- | -- | (200) |
| Site Imp(200) Demo() | | | | | LS | -- | -- | (200) |
| Information Systems | | | | | LS | -- | -- | (312) |
| Antiterrorism Measures | | | | | LS | -- | -- | (20) |
| ESTIMATED CONTRACT COST | | | | | | | | 14,528 |
| CONTINGENCY (5.00%) | | | | | | | | 726 |
| SUBTOTAL | | | | | | | | 15,254 |
| SUPERVISION, INSPECTION & OVERHEAD (5.70%) | | | | | | | | 869 |
| DESIGN/BUILD - DESIGN COST (4.0000%) | | | | | | | | 610 |
| TOTAL REQUEST | | | | | | | | 16,733 |
| TOTAL REQUEST (ROUNDED) | | | | | | | | 16,500 |
| INSTALLED EQT-OTHER APPROPRIATIONS | | | | | | | | (130) |
| 10. Description of Proposed Construction Construct aircraft maintenance hangar with shops, aviation unit operations Medivac Readiness Space, and arms room to support Blackhawk and Chinook helicopters. Primary facilities include renovation of the existing maintenance hangar to upgrade electrical, heating, ventilation, lighting and the addition of overhead crane support. Project also includes the installation of an Intrusion Detection System (IDS) and connection to energy monitoring and control system(EMCS). Special foundations are required. Supporting facilities include water, sewer, electrical, gas, paving, walkways, storm drainage, site improvements and information systems. Antiterrorism (AT) measures include laminated glass windows with blast resistant frames, security lighting and site security measures. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Comprehensive building and furnishings related interior design services are required. Air Conditioning (Estimated 30 Tons). | | | | | | | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2011 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 Feb 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION
Fort Drum
New York

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Aircraft Maintenance Hangar | 5. PROJECT NUMBER 79497 |
|---|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | U/M | Qty | Unit Cost | Cost (\$000) |
|------------------------------|-----|-----|-----------|--------------|
| PRIMARY FACILITY (CONTINUED) | | | | 813275 |
| IDS Installation | LS | -- | -- | (34) |
| EMCS Connections | LS | -- | -- | (185) |
| SDD and EAct05 | LS | -- | -- | (194) |
| Antiterrorism Measures | LS | -- | -- | (243) |
| Building Information Systems | LS | -- | -- | (157) |

11. REQ: 182,825 SF ADQT: NONE SUBSTD: 152,202 SF
PROJECT:

Construct an aircraft maintenance hangar at Fort Drum, NY. (Curent Mission)

REQUIREMENT:
This project is required to provide aviation operations and unit maintenance facilities for an Aviation Battalion at Fort Drum.

CURRENT SITUATION:
There are currently no facilities available to perform unit maintenance on CH-47 and UH-60 helicopters assigned to the aviation unit.

IMPACT IF NOT PROVIDED:
The Battalion will not have a maintenance facility to perform unit maintenance on their CH-47 and UH-60 helicopters assigned to the unit.

ADDITIONAL:
This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

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| 1. COMPONENT ARMY | FY 2011 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 Feb 2011 |
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3. INSTALLATION AND LOCATION
Fort Drum
New York

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Aircraft Maintenance Hangar | 5. PROJECT NUMBER 79497 |
|---|--------------------------------|

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|-------------------------------------|----------|-------------|
| ESTIMATED CONSTRUCTION START: | MAR 2011 | INDEX: 2538 |
| ESTIMATED MIDPOINT OF CONSTRUCTION: | DEC 2011 | INDEX: 2570 |
| ESTIMATED CONSTRUCTION COMPLETION: | SEP 2012 | INDEX: 2603 |

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|--|--|--|---|----------|---------------------------------------|--------------|
| 1. COMPONENT ARMY | | FY 2011 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 Feb 2011 | |
| 3. INSTALLATION AND LOCATION Wiesbaden Air Base GE93Q Germany | | | 4. PROJECT TITLE Information Processing Center | | | |
| 5. PROGRAM ELEMENT | | 6. CATEGORY CODE 141 61 | 7. PROJECT NUMBER 79498 | | 8. PROJECT COST (\$000) 30,000 | |
| 9. COST ESTIMATES | | | | | | |
| .7212 EURO/US\$ | | ITEM | U/M | QUANTITY | UNIT COST | COST (\$000) |
| PRIMARY FACILITY | | | | | | 21,903 |
| Emergency Operations Center | | SF | 42,334 | 255.51 | | (10,817) |
| Information Processing Center | | SF | 8,266 | 343.00 | | (2,835) |
| SCIF | | SF | 2,475 | 385.94 | | (955) |
| Nonorg Vehicle Parking Garage | | SF | 84,600 | 50.40 | | (4,264) |
| Power Supply Bldg w/ Generators | | SF | 3,520 | 258.23 | | (909) |
| Total from Continuation page(s) | | | | | | (2,123) |
| SUPPORTING FACILITIES | | | | | | 5,283 |
| Electric Service | | LS | -- | -- | | (855) |
| Water, Sewer, Gas | | LS | -- | -- | | (252) |
| Steam And/Or Chilled Water Distribution | | LS | -- | -- | | (135) |
| Paving, Walks, Curbs And Gutters | | LS | -- | -- | | (2,816) |
| Storm Drainage | | LS | -- | -- | | (89) |
| Site Imp(991) Demo() | | LS | -- | -- | | (991) |
| Information Systems | | LS | -- | -- | | (59) |
| Antiterrorism Measures | | LS | -- | -- | | (86) |
| ESTIMATED CONTRACT COST | | | | | | 27,186 |
| CONTINGENCY (5.00%) | | | | | | 1,359 |
| SUBTOTAL | | | | | | 28,545 |
| SUPERVISION, INSPECTION & OVERHEAD (6.50%) | | | | | | 1,855 |
| TOTAL REQUEST | | | | | | 30,400 |
| TOTAL REQUEST (ROUNDED) | | | | | | 30,000 |
| INSTALLED EQT-OTHER APPROPRIATIONS | | | | | | (20,364) |
| 10. Description of Proposed Construction | | | | | | |
| <p>Construct a Theater Signal Command Facility in support of Army Modularity and the move of USAREUR/ 7th Army Headquarters to Wiesbaden. Required features of the facility include administrative facilities for various signal elements, a command section, a Theater Network Operations Service Center, a Sensitive Compartmented Information Facility (SCIF), equipment rooms for various information systems, power supply building, and emergency power generators and fuel tanks. Raised flooring shall be provided in the SCIF and in other areas of the facility where significant amounts of information processing equipment are to be located. Shielding shall be provided for the SCIF as required. Supporting facilities include mechanical systems, electrical power distribution, fire protection, information systems, installation of intrusion detection systems, paving, walks, curbs and gutters, water and sewer, storm drainage, parking, and site improvements. Access for persons with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Anti-terrorism/Force protection measures will be included. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPA05) features will be included. Air Conditioning (Estimated 160 Tons).</p> | | | | | | |

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| 1. COMPONENT ARMY | FY 2011 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 Feb 2011 |
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3. INSTALLATION AND LOCATION
Wiesbaden Air Base GE93Q
Germany

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Information Processing Center | 5. PROJECT NUMBER 79498 |
|---|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | U/M | Qty | Unit Cost | Cost (\$000) |
|------------------------------|-----|-----|-----------|--------------|
| PRIMARY FACILITY (CONTINUED) | | | | 2,1235 |
| IDS Installation | LS | -- | -- | (513) |
| EMCS Connections | LS | -- | -- | (120) |
| SDD and EAct05 | LS | -- | -- | (350) |
| Antiterrorism Measures | LS | -- | -- | (350) |
| Building Information Systems | LS | -- | -- | (790) |

11. REQ: 42,334 SF ADQT: NONE SUBSTD: NONE
PROJECT:

Construct an Information Processing Center at Wiesbaden Army Airfield (WAAF) Germany. (Current Mission)

REQUIREMENT:
This project is required to construct a consolidated state-of-the-art facility to support the current and emerging missions for the Network Operations Facility Europe, which handles all Command, Control, Communications, Computers and Intelligence (C4I) Systems Operation and Management missions. The new signal command facility will meet the Army and Joint initiatives for Network Operations (NETOPS) while best serving US Army Europe (USAREUR).

CURRENT SITUATION:
Currently, the functions are located in a four (4) story building where the different staff elements are so scattered that collaboration between them is difficult. The building has been modified to the maximum extent possible and still the architecture, particularly the 2nd floor where the NETOPS is located, makes it difficult to implement technological solutions to improve the collaborative atmosphere and enhance the NETOPS Common Operational Picture (COP) for the command. The building has reached the end of its expansion capabilities and will not be able to facilitate future growth and augmentation of personnel and equipment. The current facility has also become a major force protection concern because as a Mission Essential Vulnerable Area (MEVA), it is not at the required distance from the installation perimeter. Prolonged, heightened Force Protection Conditions (FPCON) may require this building to be vacated.

IMPACT IF NOT PROVIDED:
The current facility, with the current trend of Information Technology (IT) advances, will become overburdened within a few years. To keep up with the

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| 1. COMPONENT ARMY | FY 2011 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 Feb 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION
Wiesbaden Air Base GE93Q
Germany

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Information Processing Center | 5. PROJECT NUMBER 79498 |
|---|--------------------------------|

IMPACT IF NOT PROVIDED: (CONTINUED)
cutting edge of technology this project is essential. This project would have a positive impact on the Soldier's/employee's productivity, morale and ability to meet and sustain the missions assigned to the Network Operations Facility Europe. The move to WAAF is required to provide support to the USAREUR and 7th Army move to Wiesbaden, and if this facility is not provided, the new headquarters will be forced to function with inadequate communications support.

ADDITIONAL:
This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

NATO SECURITY INVESTMENT:
This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.

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| ESTIMATED CONSTRUCTION START: | MAY 2011 | INDEX: 2543 |
| ESTIMATED MIDPOINT OF CONSTRUCTION: | DEC 2011 | INDEX: 2567 |
| ESTIMATED CONSTRUCTION COMPLETION: | AUG 2012 | INDEX: 2597 |

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|---|--|--|---|------|---------------------------------------|----------|-----------|--------------|
| 1. COMPONENT ARMY | | FY 2009 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 Feb 2011 | | | |
| 3. INSTALLATION AND LOCATION Fort Benning Georgia | | | 4. PROJECT TITLE Digital Multipurpose Trng Range | | | | | |
| 5. PROGRAM ELEMENT | | 6. CATEGORY CODE 178 59 | 7. PROJECT NUMBER 79663 | | 8. PROJECT COST (\$000) 17,500 | | | |
| 9. COST ESTIMATES | | | | | | | | |
| ITEM | | | | | U/M | QUANTITY | UNIT COST | COST (\$000) |
| PRIMARY FACILITY | | | | | | | | 13,422 |
| Digital Multipurpose Trng Rng | | | | | LN | 1 | 11181908 | (11,182) |
| Range Operations Center | | | | | SF | 2,000 | 156.41 | (313) |
| Operations & Storage Building | | | | | SF | 800 | 168.95 | (135) |
| Latrine | | | | | SF | 200 | 275.91 | (55) |
| Bleacher Enclosure | | | | | SF | 535 | 88.24 | (47) |
| Total from Continuation page(s) | | | | | | | | (1,690) |
| SUPPORTING FACILITIES | | | | | | | | 2,376 |
| Electric Service | | | | | LS | -- | -- | (430) |
| Water, Sewer, Gas | | | | | LS | -- | -- | (398) |
| Paving, Walks, Curbs And Gutters | | | | | LS | -- | -- | (310) |
| Storm Drainage | | | | | LS | -- | -- | (290) |
| Site Imp(690) Demo() | | | | | LS | -- | -- | (690) |
| Information Systems | | | | | LS | -- | -- | (58) |
| Antiterrorism Measures | | | | | LS | -- | -- | (200) |
| ESTIMATED CONTRACT COST | | | | | | | | 15,798 |
| CONTINGENCY (5.00%) | | | | | | | | 790 |
| SUBTOTAL | | | | | | | | 16,588 |
| SUPERVISION, INSPECTION & OVERHEAD (5.70%) | | | | | | | | 946 |
| TOTAL REQUEST | | | | | | | | 17,534 |
| TOTAL REQUEST (ROUNDED) | | | | | | | | 17,500 |
| INSTALLED EQT-OTHER APPROPRIATIONS | | | | | | | | (13,006) |
| 10. Description of Proposed Construction Construct a standard design Digital Multipurpose Training Range (DMPTR). Primary facilities include the DMPTR, range operations center, operations and storage building, latrine, bleacher enclosure, covered mess, after action review building, ammunition loading dock, unit staging area, ammo breakdown building, general instruction building, bivouac area, antiterrorism measures, and building information systems. Supporting facilities include electric service, water, sewer, gas, paving, walks, curbs, gutters, storm drainage, site improvements, antiterrorism measures, and information systems. Unexploded ordnance removal and targetry/instrumentation systems will be funded with other appropriations. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 16 Tons). | | | | | | | | |
| 11. REQ: | | 1 LN ADQT: | | NONE | | SUBSTD: | | NONE |

| | | |
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| 1. COMPONENT ARMY | FY 2009 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 Feb 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION
Fort Benning
Georgia

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Digital Multipurpose Trng Range | 5. PROJECT NUMBER 79663 |
|---|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | U/M | Qty | Unit Cost | Cost (\$000) |
|------------------------------|-----|-------|-----------|--------------|
| PRIMARY FACILITY (CONTINUED) | | | | 1,6905 |
| Covered Mess | SF | 800 | 87.81 | (70) |
| After Action Review Building | SF | 1,152 | 116.64 | (134) |
| Ammunition Loading Dock | SF | 1,802 | 133.00 | (240) |
| Unit Staging Area | EA | 1 | 495,000 | (495) |
| Ammo Breakdown Building | SF | 120 | 168.95 | (20) |
| General Instruction Building | SF | 800 | 173.45 | (139) |
| Bivouc Area | EA | 1 | 488,000 | (488) |
| SDD and EPAct05 | LS | -- | -- | (14) |
| Antiterrorism Measures | LS | -- | -- | (50) |
| Building Information Systems | LS | -- | -- | (40) |

PROJECT:
Construct a standard design Digital Multipurpose Training Range at Fort Benning, Georgia. (Current Mission)

REQUIREMENT:
A Digital Multipurpose Training Range is required to provide digitally enhanced combat platforms with all constituent elements featured in Force XXI, (digital) war fighting operations to the soldiers of active Army Units, Reserve and National Guard units that train at Fort Benning, Georgia. The Digital Multipurpose Training Range is used to train and test crews and dismounted infantry squads on the skills necessary to detect, identify, engage and defeat stationary infantry and stationary/moving armor targets in a tactical array. In addition to live-fire, this complex can also be used for training with laser training devices. The complex is specifically designed to satisfy the training and qualification requirements for crews and sections of armor, infantry and aviation units.

CURRENT SITUATION:
Existing range dimensions do not support increased vehicle dispersion and greater ballistics associated with digital units. The Army's new combat and training doctrine requires digital weaponry and feedback systems.

IMPACT IF NOT PROVIDED:
If this project is not provided, Fort Benning squads, crews, and platoons will continue to train on inadequate analog ranges. Force XXI units will not train to standard, and the gap between equipment fielding and training will widen. Ultimately, units may enter future combat unprepared to employ the full capabilities of the digitized weapons and equipment available to its Soldiers.

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| 1. COMPONENT ARMY | FY 2009 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 Feb 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION
Fort Benning
Georgia

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Digital Multipurpose Trng Range | 5. PROJECT NUMBER 79663 |
|---|--------------------------------|

IMPACT IF NOT PROVIDED: (CONTINUED)
The Soldiers and units will not receive complete exposure to training standards thereby representing an adverse impact to sustained weapons proficiency.

ADDITIONAL:
This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

| | | |
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| ESTIMATED CONSTRUCTION START: | FEB 2009 | INDEX: 2464 |
| ESTIMATED MIDPOINT OF CONSTRUCTION: | FEB 2010 | INDEX: 2496 |
| ESTIMATED CONSTRUCTION COMPLETION: | FEB 2011 | INDEX: 2533 |

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FEBRUARY 2011

Military Construction Army
FY 2012 BUDGET ESTIMATE

PROGRAM ASSESSMENT RATING TOOL

In accordance with the President's Management Agenda, Budget and Performance Integration initiative, this program has been assessed using the Program Assessment Rating Tool (PART). Remarks regarding program performance and plans for performance improvement can be located at the Expectmore.gov website.

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DEPARTMENT OF THE ARMY
 FISCAL YEAR 2012
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

| STATE | INSTALLATION (COMMAND) | | | NEW/ | |
|---------------|-----------------------------|---------------|---------------|---------|-------|
| ----- PROJECT | ----- | AUTHORIZATION | APPROPRIATION | CURRENT | |
| NUMBER | PROJECT TITLE | REQUEST | REQUEST | MISSION | PAGE |
| ----- | ----- | ----- | ----- | ----- | ----- |
| Alabama | Fort Rucker (IMCOM) | | | | 3 |
| 65429 | Combat Readiness Center | 11,600 | 11,600 | C | 5 |
| | | ----- | ----- | | |
| | Subtotal Fort Rucker Part I | \$ 11,600 | 11,600 | | |
| | * TOTAL MCA FOR Alabama | \$ 11,600 | 11,600 | | |

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| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROGRAM | | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Rucker Alabama | | | 4. COMMAND US Army Installation Management Command | | | 5. AREA CONSTRUCTION COST INDEX 0.75 | |
| 6. PERSONNEL STRENGTH: | | | | | | | |
| | | PERMANENT | | STUDENTS | | SUPPORTED | |
| | | OFFICER | ENLIST | CIVIL | OFFICER | ENLIST | CIVIL |
| | | TOTAL | | | | | |
| A. AS OF 05 NOV 2010 | 1065 | 1446 | 2298 | 1979 | 771 | 0 | 141 114 7865 15,679 |
| B. END FY 2016 | 1066 | 1391 | 2457 | 2445 | 778 | 2 | 159 115 7461 15,874 |
| 7. INVENTORY DATA (\$000) | | | | | | | |
| A. TOTAL AREA..... | 27,155 ha | | (67,101 AC) | | | | |
| B. INVENTORY TOTAL AS OF 31 DEC 2010..... | | | | | | | 2,784,227 |
| C. AUTHORIZATION NOT YET IN INVENTORY..... | | | | | | | 155,151 |
| D. AUTHORIZATION REQUESTED IN THE FY 2012 PROGRAM..... | | | | | | | 11,600 |
| E. AUTHORIZATION INCLUDED IN THE FY 2013 PROGRAM..... | | | | | | | 0 |
| F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY)..... | | | | | | | 0 |
| G. REMAINING DEFICIENCY..... | | | | | | | 217,336 |
| H. GRAND TOTAL..... | | | | | | | 3,168,314 |
| 8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2012 PROGRAM: | | | | | | | |
| CATEGORY PROJECT | | PROJECT TITLE | | COST (\$000) | | DESIGN STATUS | |
| CODE | NUMBER | | | | | START | COMPLETE |
| 319 | 65429 | Combat Readiness Center | | 11,600 | | 08/2010 | 10/2011 |
| | | | | TOTAL | 11,600 | | |
| 9. FUTURE PROJECT APPROPRIATIONS: | | | | | | | |
| CATEGORY | | PROJECT TITLE | | COST (\$000) | | | |
| CODE | | | | | | | |
| A. | INCLUDED IN THE FY 2013 PROGRAM: | | NONE | | | | |
| B. | PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): | | NONE | | | | |
| C. | DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): | | N/A | | | | |
| 10. MISSION OR MAJOR FUNCTIONS: | | | | | | | |
| Provides facilities and support for the Army Aviation Center and School whose mission is to provide individual pilot training for all fixed wing and rotary wing aircraft and advanced doctrines and techniques. | | | | | | | |
| 11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: | | | | | | | |
| | | | | | | (\$000) | |
| A. | AIR POLLUTION | | | | 0 | | |
| B. | WATER POLLUTION | | | | 0 | | |
| C. | OCCUPATIONAL SAFETY AND HEALTH | | | | 0 | | |

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| 1.COMONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2.DATE 10 FEB 2011 | |
| 3.INSTALLATION AND LOCATION Fort Rucker Alabama | | | | 4.PROJECT TITLE Combat Readiness Center | | |
| 5.PROGRAM ELEMENT 85796A | | 6.CATEGORY CODE 319 | 7.PROJECT NUMBER 65429 | | 8.PROJECT COST (\$000) Auth 11,600 Approp 11,600 | |
| 9.COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| PRIMARY FACILITY | | | | | | 9,370 |
| Lab and Test Building Addition | | m2 (SF) | 3,828 (41,201) | | 2,280 | (8,726) |
| IDS Installation | | LS | -- | | -- | (40) |
| EMCS Connection | | LS | -- | | -- | (43) |
| SDD and EPAct05 | | LS | -- | | -- | (178) |
| Antiterrorism Measures | | LS | -- | | -- | (178) |
| Building Information Systems | | LS | -- | | -- | (205) |
| SUPPORTING FACILITIES | | | | | | 1,163 |
| Electric Service | | LS | -- | | -- | (123) |
| Water, Sewer, Gas | | LS | -- | | -- | (10) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (558) |
| Storm Drainage | | LS | -- | | -- | (57) |
| Site Imp(286) Demo() | | LS | -- | | -- | (286) |
| Information Systems | | LS | -- | | -- | (49) |
| Temporary Trailers | | LS | -- | | -- | (80) |
| ESTIMATED CONTRACT COST | | | | | | 10,533 |
| CONTINGENCY (5.00%) | | | | | | 527 |
| SUBTOTAL | | | | | | 11,060 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 630 |
| TOTAL REQUEST | | | | | | 11,690 |
| TOTAL REQUEST (ROUNDED) | | | | | | 11,600 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10.Description of Proposed Construction Construct an addition to the Combat Readiness Center. The addition will include areas for state of the art classrooms, a Digital Collection Analysis and Integration (DCAI) Laboratory, Computer Mainframe Room, administrative, conference, and Supply/Storage space. Work will include installation of Intrusion Detection System (IDS), connections to Energy Monitoring and Control System (EMCS), and building information systems. Supporting facilities include utilities; electric service, fire protection and alarm systems; paving, parking, walks, curbs and gutters; storm drainage, information systems; and site improvements. Heating and air conditioning will be provided by self-contained systems. Anti-Terrorism/Force Protection (AT/FP) measures will include stand-off distances, landscaping, and appropriate fencing. Access for persons with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 471 kW _r /134 Tons). | | | | | | |
| 11. REQ: | | 7,862 m2 | ADQT: | 4,109 m2 | SUBSTD: | 581 m2 |
| PROJECT: Construct an addition to the Combat Readiness Center at Fort Rucker, Alabama. (Current Mission) | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Fort Rucker, Alabama | | |
| 4. PROJECT TITLE Combat Readiness Center | 5. PROJECT NUMBER 65429 | |
| <p><u>REQUIREMENT:</u> The United States Army Combat Readiness Center (USACRC) is a Field Operating Agency under the Headquarters, Department of the Army. The USACRC provides training Safety & Occupational Health careerists, Aviation Safety Officers, Aviation Accident Investigators, Aviation Safety Officers Advanced courses, as well as the Ground Safety Officers course and a complete and growing complement of Online and Distance Learning courses. The current training capacity of 512 students is programmed to grow to over 600. This continued growth cannot be supported by current building infrastructure. The USACRCs DCAI laboratory executes over 70 Digital Source Collection (DSC) analysis cases annually. This will increase as the Army reaches its goal of installing DSC devices on all 3,572 Army Aircraft by FY15. The USACRC is also developing a Single Army Safety and Occupational Health (SOH) information reporting system called ReportIt, that collects, compiles, tracks and abates, analyzes, and reports accidents, incidents, injury or illness data on Soldiers, civilians, and contractors across the Department of the Army.</p> <p><u>CURRENT SITUATION:</u> The current USACRC is located in a permanent facility built for the Army Safety Center in 1973. While the building is structurally sound and functional it does not meet the expanded training, DCAI laboratory and information management development requirements being executed in sub-standard office space, laboratory space and crowded classroom environments. The rapid growth of the expanded training mission lacks classrooms, correctly outfitted laboratories and office areas. As a result, the USACRC also utilizes two other adjacent buildings for classrooms and office areas. While functional, they are over-crowded, making for less than ideal learning and training environments. Of the current five classrooms, two require a complete renovation to bring them up to standard, two are modifications of what was originally barracks living space, and one is located off the installation. This off installation space is a short term fix for expanded training requirements.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, it will jeopardize the USACRC's vital enduring mission of implementing the U.S. Army Safety Program and developing trained Safety professionals who can assist Commanders and Directors in protecting the force through risk management that enhances mission accomplishment. The lack of properly configured DCAI laboratory space will have a very direct and negative impact on the USACRCs ability to effectively and efficiently analyze not only accident and incident data, but also provide critical trending analysis to the USACRC and the Army.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon</p> | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Rucker, Alabama

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Combat Readiness Center | 5. PROJECT NUMBER 65429 |
|---|--------------------------------|

ADDITIONAL: (CONTINUED)
 project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... AUG 2010
 - (b) Percent Complete As Of January 2011..... 15.00
 - (c) Date 35% Designed..... MAR 2011
 - (d) Date Design Complete..... OCT 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build

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

 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 438
 - (b) All Other Design Costs..... 657
 - (c) Total Design Cost..... 1,095
 - (d) Contract..... 657
 - (e) In-house..... 438

 - (4) Construction Contract Award..... JAN 2012

 - (5) Construction Start..... APR 2012

 - (6) Construction Completion..... JUN 2013

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Rucker, Alabama

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Combat Readiness Center | 5. PROJECT NUMBER 65429 |
|---|--------------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| NA | | | |

Installation Engineer: Edwin P. Janasky
Phone Number: 334-255-2113

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2012
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

| STATE | INSTALLATION (COMMAND) | NEW/ | | | |
|---------------|---|---------------|---------------|---------|--------------|
| ----- PROJECT | ----- | AUTHORIZATION | APPROPRIATION | CURRENT | MISSION PAGE |
| NUMBER | PROJECT TITLE | REQUEST | REQUEST | | |
| ----- | ----- | ----- | ----- | ----- | ----- |
| Alaska | Joint Base Elmendorf-Richardson (USARPAC) | | | | |
| 61515 | Physical Fitness Facility | 26,000 | 26,000 | C | 11 |
| 72270 | Brigade Complex, Ph 2 | 74,000 | 74,000 | N | 15 |
| 75004 | Organizational Parking | 3,600 | 3,600 | N | 19 |
| | Subtotal Joint Base Elmendorf-Richardson Part I | \$ 103,600 | 103,600 | | |
| | Fort Wainwright (IMCOM) | | | | 23 |
| 67113 | Aviation Complex, Ph 3A | 114,000 | 114,000 | C | 25 |
| | Subtotal Fort Wainwright Part I | \$ 114,000 | 114,000 | | |
| | * TOTAL MCA FOR Alaska | \$ 217,600 | 217,600 | | |

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|---|--|--|-------------------------------|--|--|--|
| 1.COMONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2.DATE 10 FEB 2011 | |
| 3.INSTALLATION AND LOCATION Joint Base Elmendorf-Richardson Alaska | | | | 4.PROJECT TITLE Physical Fitness Facility | | |
| 5.PROGRAM ELEMENT 22096A | | 6.CATEGORY CODE 740 | 7.PROJECT NUMBER 61515 | | 8.PROJECT COST (\$000) Auth 26,000 Approp 26,000 | |
| 9.COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | UNIT COST | COST (\$000) | |
| <u>PRIMARY FACILITY</u> | | | | | 21,039 | |
| Physical Fitness Facility Addn | | m2 (SF) | 3,411 (36,720) | 3,989 | (13,607) | |
| Indoor Swimming Pool | | m2 (SF) | 1,319 (14,200) | 4,052 | (5,345) | |
| Ball Fields | | EA | 3 -- | 377,805 | (1,133) | |
| Multipurpose Athletic Field | | EA | 1 -- | 406,597 | (407) | |
| EMCS Connection | | LS | -- | -- | (74) | |
| Total from Continuation page | | | | | (473) | |
| <u>SUPPORTING FACILITIES</u> | | | | | 1,797 | |
| Electric Service | | LS | -- | -- | (491) | |
| Water, Sewer, Gas | | LS | -- | -- | (519) | |
| Paving, Walks, Curbs & Gutters | | LS | -- | -- | (738) | |
| Information Systems | | LS | -- | -- | (49) | |
| ESTIMATED CONTRACT COST | | | | | 22,836 | |
| CONTINGENCY (5.00%) | | | | | 1,142 | |
| SUBTOTAL | | | | | 23,978 | |
| SUPV, INSP & OVERHEAD (6.50%) | | | | | 1,559 | |
| DESIGN/BUILD - DESIGN COST | | | | | 959 | |
| TOTAL REQUEST | | | | | 26,496 | |
| TOTAL REQUEST (ROUNDED) | | | | | 26,000 | |
| INSTALLED EQT-OTHER APPROP | | | | | () | |
| 10.Description of Proposed Construction Construct an addition to the existing Physical Fitness Facility. Construct a new indoor swimming pool adjacent to the existing Fitness facility including as a minimum, two 25 meter lap swim lanes, open swim area, a diving area, a zero depth entry area, other public and support areas, including showers, restrooms, changing areas, connection to Energy Monitoring and Control System (EMCS) and building information systems. Primary facilities will include a baseball field, softball fields and a multi-purpose field. Supporting facilities include all site utilities and connections, exterior lighting, paving, parking, walks, curbs and gutters and information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. Air Conditioning (Estimated 317 kW/90 Tons). | | | | | | |
| 11. REQ: 8,870 m2 ADQT: 5,459 m2 SUBSTD: NONE | | | | | | |
| PROJECT: Construct a physical fitness facility addition with indoor swimming pool at Joint Base Elmendorf-Richardson (JBER), Alaska. (Current Mission) | | | | | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Joint Base Elmendorf-Richardson, Alaska

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Physical Fitness Facility | 5. PROJECT NUMBER 61515 |
|---|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|----------|--------------|-----------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| SDD and EPAct05 | LS | -- | -- | (392) |
| Building Information Systems | LS | -- | -- | (81) |
| | | | Total | 473 |

REQUIREMENT: The current influx of additional Soldiers and supported population is anticipated to grow over the near and long term and Physical Fitness Facilities are needed to provide quality of life facilities to support this increase in population. Due to weather conditions, this type of facility is vital to the training and total well being of the entire supported population year round. This requirement is needed to support the troop increase at JBER, Alaska.

CURRENT SITUATION: JBER is currently authorized three swimming pools. The existing 25 meter pool is heavily utilized and needs significant renovation. JBER is short one 50 meter swimming pool and one additional 25 meter swimming pool. Currently all the physical fitness facilities as they exist now are used at capacity. At peak times the supported population is restricted and Soldiers do not have access to the required facilities at current manning and present operational tempo levels.

IMPACT IF NOT PROVIDED: If this project is not provided, JBER will continue to have a shortfall in physical fitness and swimming pool facilities which will be exacerbated by the increase in population. Conditions such as weather, maintenance posture, and constraints on the existing facilities have a negative impact on Soldier training and esprit de corps. The satisfaction of the supported population is also impacted negatively and the challenge to retain well qualified and motivated Soldiers is made more difficult.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|----------------------------|------------------------------|----------|--|-------|----------------------------|----------|-------------------------------|----------|--|-----|---|--|--|--|--|--|--|--|---|-----|---------------------------------|-----|----------------------------|-------|-------------------|-----|-------------------|-----|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. INSTALLATION AND LOCATION Joint Base Elmendorf-Richardson, Alaska | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. PROJECT TITLE Physical Fitness Facility | 5. PROJECT NUMBER 61515 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>12. SUPPLEMENTAL DATA:</p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr><td>(a) Date Design Started.....</td><td>SEP 2010</td></tr> <tr><td>(b) Percent Complete As Of January 2011.....</td><td>15.00</td></tr> <tr><td>(c) Date 35% Designed.....</td><td>JAN 2012</td></tr> <tr><td>(d) Date Design Complete.....</td><td>OCT 2012</td></tr> <tr><td>(e) Parametric Cost Estimating Used to Develop Costs</td><td>YES</td></tr> <tr><td>(f) Type of Design Contract: Design-build</td><td></td></tr> <tr><td>(g) An energy study and life cycle cost analysis will be documented during the final design.</td><td></td></tr> </table> <p>(2) Basis:</p> <table border="0"> <tr><td>(a) Standard or Definitive Design: YES</td><td></td></tr> <tr><td>(b) Where Most Recently Used: Fort Richardson</td><td></td></tr> </table> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table border="0"> <tr><td>(a) Production of Plans and Specifications.....</td><td>479</td></tr> <tr><td>(b) All Other Design Costs.....</td><td>719</td></tr> <tr><td>(c) Total Design Cost.....</td><td>1,198</td></tr> <tr><td>(d) Contract.....</td><td>719</td></tr> <tr><td>(e) In-house.....</td><td>479</td></tr> </table> <p>(4) Construction Contract Award..... JAN 2012</p> <p>(5) Construction Start..... APR 2012</p> <p>(6) Construction Completion..... APR 2014</p> | | | (a) Date Design Started..... | SEP 2010 | (b) Percent Complete As Of January 2011..... | 15.00 | (c) Date 35% Designed..... | JAN 2012 | (d) Date Design Complete..... | OCT 2012 | (e) Parametric Cost Estimating Used to Develop Costs | YES | (f) Type of Design Contract: Design-build | | (g) An energy study and life cycle cost analysis will be documented during the final design. | | (a) Standard or Definitive Design: YES | | (b) Where Most Recently Used: Fort Richardson | | (a) Production of Plans and Specifications..... | 479 | (b) All Other Design Costs..... | 719 | (c) Total Design Cost..... | 1,198 | (d) Contract..... | 719 | (e) In-house..... | 479 |
| (a) Date Design Started..... | SEP 2010 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (b) Percent Complete As Of January 2011..... | 15.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (c) Date 35% Designed..... | JAN 2012 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (d) Date Design Complete..... | OCT 2012 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (e) Parametric Cost Estimating Used to Develop Costs | YES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (f) Type of Design Contract: Design-build | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (g) An energy study and life cycle cost analysis will be documented during the final design. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (a) Standard or Definitive Design: YES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (b) Where Most Recently Used: Fort Richardson | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (a) Production of Plans and Specifications..... | 479 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (b) All Other Design Costs..... | 719 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (c) Total Design Cost..... | 1,198 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (d) Contract..... | 719 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (e) In-house..... | 479 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Joint Base Elmendorf-Richardson, Alaska

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Physical Fitness Facility | 5. PROJECT NUMBER 61515 |
|---|--------------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| | NA | | |

Installation Engineer: Allan D. Lucht
Phone Number: 907-384-3000

| | | | | | | |
|---|--|--|----------------------------|---|---|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Joint Base Elmendorf-Richardson Alaska | | | | 4. PROJECT TITLE Brigade Complex, Ph 2 | | |
| 5. PROGRAM ELEMENT 22096A | | 6. CATEGORY CODE 214 | 7. PROJECT NUMBER 72270 | | 8. PROJECT COST (\$000) Auth 74,000 Approp 74,000 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 52,904 |
| Vehicle Maintenance Shop | | m2 (SF) | 5,404 (| 58,172) | 3,632 | (19,631) |
| Brigade Headquarters | | m2 (SF) | 3,800 (| 40,902) | 3,837 | (14,580) |
| Battalion HQs w/Classrooms | | m2 (SF) | 1,715 (| 18,462) | 3,893 | (6,677) |
| Organizational Storage | | m2 (SF) | 1,589 (| 17,100) | 1,585 | (2,517) |
| Oil Storage Building | | m2 (SF) | 74.32 (| 800) | 1,856 | (138) |
| Total from Continuation page | | | | | | (9,361) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 13,664 |
| Electric Service | | LS | -- | -- | -- | (3,379) |
| Water, Sewer, Gas | | LS | -- | -- | -- | (613) |
| Paving, Walks, Curbs & Gutters | | LS | -- | -- | -- | (4,518) |
| Storm Drainage | | LS | -- | -- | -- | (343) |
| Site Imp(4,011) Demo() | | LS | -- | -- | -- | (4,011) |
| Information Systems | | LS | -- | -- | -- | (533) |
| Antiterrorism Measures | | LS | -- | -- | -- | (267) |
| ESTIMATED CONTRACT COST | | | | | | 66,568 |
| CONTINGENCY (5.00%) | | | | | | 3,328 |
| SUBTOTAL | | | | | | 69,896 |
| SUPV, INSP & OVERHEAD (6.50%) | | | | | | 4,543 |
| TOTAL REQUEST | | | | | | 74,439 |
| TOTAL REQUEST (ROUNDED) | | | | | | 74,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10. Description of Proposed Construction This project consists of 2 phases. Phase 1 (PN 55695) was requested in FY 2011 for \$67,038M. This phase, Phase 2, is requested in FY2012 for \$74M. Work includes a standard design brigade headquarters, battalion headquarters with classrooms; a tactical equipment maintenance facility, organizational storage, oil, hazardous waste and open storage and organizational vehicle parking. Project also includes building information systems, fire protection and alarm systems, Intrusion Detection System (IDS) installation, and Energy Monitoring and Control Systems (EMCS) connection. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include site development, utilities and connections, lighting, paving, parking, walks, curbs and gutters, storm drainage, information systems, landscaping and signage. Heating and air conditioning will be provided by self contained units. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. Air Conditioning (Estimated 1,020 kW/290 Tons). | | | | | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Joint Base Elmendorf-Richardson, Alaska

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Brigade Complex, Ph 2 | 5. PROJECT NUMBER 72270 |
|---|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|------------------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| Hazardous Waste Storage | m2 (SF) | 74.32 (800) | 1,492 | (111) |
| Open storage hardstand | m2 (SY) | 372.08 (445) | 156.72 | (58) |
| Organizational Vehicle Parking | m2 (SY) | 39,519 (47,264) | 160.14 | (6,329) |
| IDS Installation | LS | -- | -- | (454) |
| EMCS Connection | LS | -- | -- | (454) |
| SDD and EAct05 | LS | -- | -- | (873) |
| Building Information Systems | LS | -- | -- | (1,082) |
| | | | Total | 9,361 |

11. REQ: 42,241 m2 ADQT: 25,408 m2 SUBSTD: 10,724 m2
PROJECT: Construct phase 2 of a Brigade Complex at Joint Base Elmendorf-Richardson (JBER), Alaska. (New Mission)
REQUIREMENT: This project is required to accommodate stationing of a Brigade at JBER, Alaska. This stationing action is directed as part of the Grow the Army initiative.
CURRENT SITUATION: Currently there are no existing facilities available to support this stationing action. The two existing facilities for equipment maintenance are substandard and are being used beyond their capacity. These fully utilized facilities are planned for future demolition. All existing facilities suitable for use under the Brigade, Battalion and storage facility categories are also fully utilized. This project provides essential permanent operational facilities and maintenance facilities to support the stationing of a Brigade at Joint Base Elmendorf-Richardson.
IMPACT IF NOT PROVIDED: If this project is not provided the Brigade will not have permanent operational and maintenance facilities that meet the Department of the Army standards.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Joint Base Elmendorf-Richardson, Alaska

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Brigade Complex, Ph 2 | 5. PROJECT NUMBER 72270 |
|---|--------------------------------|

| | FY2011 (\$000) | Requested FY2012 (\$000) |
|-----------------------------------|----------------|-----------------------------|
| Authorization | \$67,038 | \$74,000 |
| Authorization of Appropriation | \$67,038 | \$74,000 |
| Appropriation | \$67,038 | \$74,000 |

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

| | |
|--|-----------------|
| (a) Date Design Started..... | <u>SEP 2009</u> |
| (b) Percent Complete As Of January 2011..... | <u>35.00</u> |
| (c) Date 35% Designed..... | <u>JAN 2011</u> |
| (d) Date Design Complete..... | <u>OCT 2011</u> |
| (e) Parametric Cost Estimating Used to Develop Costs | <u>YES</u> |
| (f) Type of Design Contract: Adapt-Build | |

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Richardson

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

| | |
|---|--------------|
| (a) Production of Plans and Specifications..... | <u>730</u> |
| (b) All Other Design Costs..... | <u>1,459</u> |
| (c) Total Design Cost..... | <u>2,189</u> |
| (d) Contract..... | <u>1,459</u> |
| (e) In-house..... | <u>730</u> |

(4) Construction Contract Award..... JAN 2012

(5) Construction Start..... APR 2012

(6) Construction Completion..... APR 2014

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Joint Base Elmendorf-Richardson, Alaska

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Brigade Complex, Ph 2 | 5. PROJECT NUMBER 72270 |
|---|--------------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| NA | | | |

Installation Engineer: Alan Lucht
Phone Number: 907-384-3000

| | | | | | | |
|---|--|--|----------------------------|--|---|------------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Joint Base Elmendorf-Richardson Alaska | | | | 4. PROJECT TITLE Organizational Parking | | |
| 5. PROGRAM ELEMENT 22096A | | 6. CATEGORY CODE 852 | 7. PROJECT NUMBER 75004 | | 8. PROJECT COST (\$000) Auth 3,600 Approp 3,600 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | |
| Organizational Vehicle Parking | | m2 (SY) | 31,836 (38,075) | | 101.62 | 3,235 (3,235) |
| <u>SUPPORTING FACILITIES</u> | | | | | | |
| ESTIMATED CONTRACT COST | | | | | | 3,235 |
| CONTINGENCY (5.00%) | | | | | | 162 |
| SUBTOTAL | | | | | | 3,397 |
| SUPV, INSP & OVERHEAD (6.50%) | | | | | | 221 |
| TOTAL REQUEST | | | | | | 3,618 |
| TOTAL REQUEST (ROUNDED) | | | | | | 3,600 |
| INSTALLED EQT-OTHER APPROP | | | | | | (0) |
| 10. Description of Proposed Construction Construct Organizational Parking for the Tactical Equipment Maintenance Facilities (TEMF). Site preparation and improvements, storm drainage, and curbs and gutters are incorporated into the unit cost of the organizational parking. | | | | | | |
| 11. REQ: 73,585 m2 ADQT: 41,749 m2 SUBSTD: 31,836 m2 | | | | | | |
| PROJECT: Construct organizational parking at Joint Base Elmendorf-Richardson (JBER), Alaska. (New Mission) | | | | | | |
| REQUIREMENT: This project is needed to provide adequate organizational vehicle parking to support tactical equipment maintenance facilities at JBER. | | | | | | |
| CURRENT SITUATION: Currently, JBER must use organization vehicle parking areas that do not meet current Army Standards for tactical equipment vehicle parking. Tactical equipment is parked in unpaved, gravel areas which do not have the connectivity needed to perform current maintenance and operations. | | | | | | |
| IMPACT IF NOT PROVIDED: If this project is not provided some of the TEMF equipment will be parked on gravel top parking lots instead of paved parking lots. | | | | | | |
| ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting | | | | | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Joint Base Elmendorf-Richardson, Alaska

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Organizational Parking | 5. PROJECT NUMBER 75004 |
|--|--------------------------------|

ADDITIONAL: (CONTINUED)
 this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

| | |
|--|-----------------|
| (1) Status: | |
| (a) Date Design Started..... | <u>OCT 2010</u> |
| (b) Percent Complete As Of January 2011..... | <u>15.00</u> |
| (c) Date 35% Designed..... | <u>MAR 2011</u> |
| (d) Date Design Complete..... | <u>OCT 2011</u> |
| (e) Parametric Cost Estimating Used to Develop Costs | <u>YES</u> |
| (f) Type of Design Contract: Design-bid-build | |
| (2) Basis: | |
| (a) Standard or Definitive Design: YES | |
| (b) Where Most Recently Used: Fort Richardson | |
| (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): | (\$000) |
| (a) Production of Plans and Specifications..... | <u>138</u> |
| (b) All Other Design Costs..... | <u>172</u> |
| (c) Total Design Cost..... | <u>310</u> |
| (d) Contract..... | <u>172</u> |
| (e) In-house..... | <u>138</u> |
| (4) Construction Contract Award..... | <u>JAN 2012</u> |
| (5) Construction Start..... | <u>APR 2012</u> |
| (6) Construction Completion..... | <u>APR 2013</u> |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Joint Base Elmendorf-Richardson, Alaska

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Organizational Parking | 5. PROJECT NUMBER 75004 |
|--|--------------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| NONE | | | |

Installation Engineer: Allan D. Lucht
Phone Number: 907-384-3000

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|---|---------------------------------------|-------------------------|---|---------|---------|--|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | | | | | | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Fort Wainwright Alaska | | | 4. COMMAND US Army Installation Management Command | | | 5. AREA CONSTRUCTION COST INDEX 1.89 | |
| 6. PERSONNEL STRENGTH: | | | | | | | |
| | PERMANENT | | STUDENTS | | | SUPPORTED | |
| | OFFICER | ENLIST | CIVIL | OFFICER | ENLIST | CIVIL | TOTAL |
| A. AS OF 05 NOV 2010 | 841 | 5615 | 1052 | 0 | 0 | 0 | 6 121 1864 9,499 |
| B. END FY 2016 | 915 | 5891 | 1197 | 0 | 0 | 0 | 10 121 1865 9,999 |
| 7. INVENTORY DATA (\$000) | | | | | | | |
| A. TOTAL AREA..... | 648,824 ha | | (1,603,273 AC) | | | | |
| B. INVENTORY TOTAL AS OF 31 DEC 2010..... | | | | | | | 7,097,640 |
| C. AUTHORIZATION NOT YET IN INVENTORY..... | | | | | | | 1,096,858 |
| D. AUTHORIZATION REQUESTED IN THE FY 2012 PROGRAM..... | | | | | | | 114,000 |
| E. AUTHORIZATION INCLUDED IN THE FY 2013 PROGRAM..... | | | | | | | 376,200 |
| F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY)..... | | | | | | | 0 |
| G. REMAINING DEFICIENCY..... | | | | | | | 472,198 |
| H. GRAND TOTAL..... | | | | | | | 9,156,896 |
| 8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2012 PROGRAM: | | | | | | | |
| CATEGORY PROJECT | | | | | COST | DESIGN STATUS | |
| CODE | NUMBER | PROJECT TITLE | | | (\$000) | START | COMPLETE |
| 211 | 67113 | Aviation Complex, Ph 3A | | | 114,000 | 09/2009 | 12/2012 |
| TOTAL | | | | | 114,000 | | |
| 9. FUTURE PROJECT APPROPRIATIONS: | | | | | | | |
| CATEGORY | | | | | COST | | |
| CODE | PROJECT TITLE | | | (\$000) | | | |
| A. INCLUDED IN THE FY 2013 PROGRAM: | | | | | | | |
| 721 | Barracks | | | 82,000 | | | |
| 178 | Modified Record Fire Range | | | 11,200 | | | |
| 141 | Stryker BCT Complex, Ph 3A | | | 84,000 | | | |
| 141 | Aviation Task Force Complex, Ph 4 | | | 61,000 | | | |
| 721 | Stryker BCT Complex, Ph 3B | | | 70,000 | | | |
| 211 | Aviation Complex, Ph 3B | | | 68,000 | | | |
| TOTAL | | | | | 376,200 | | |
| B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE | | | | | | | |
| C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): | | | | | N/A | | |
| 10. MISSION OR MAJOR FUNCTIONS: | | | | | | | |
| Fort Wainwright garrisons elements of the 172nd Infantry Brigade and supporting organizations. It also provides on-post Army family housing for approximately 1860 families. Support includes training ranges and maneuver areas on post and at the Donnelly Training Area. | | | | | | | |

| | | |
|----------------------|---------------------------------------|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | 2. DATE 10 FEB 2011 |
|----------------------|---------------------------------------|------------------------|

INSTALLATION AND LOCATION: Fort Wainwright, Alaska

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

| | |
|-----------------------------------|---------|
| | (\$000) |
| A. AIR POLLUTION | 0 |
| B. WATER POLLUTION | 0 |
| C. OCCUPATIONAL SAFETY AND HEALTH | 0 |

| | | | | | | |
|--|--|--|-------------------------------|--|--|--------------|
| 1.COMONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2.DATE 10 FEB 2011 | |
| 3.INSTALLATION AND LOCATION Fort Wainwright Alaska | | | | 4.PROJECT TITLE Aviation Complex, Ph 3A | | |
| 5.PROGRAM ELEMENT 22096A | | 6.CATEGORY CODE 211 | 7.PROJECT NUMBER 67113 | | 8.PROJECT COST (\$000) Auth 114,000 Approp 114,000 | |
| 9.COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 90,606 |
| Aircraft Maintenance Hangar | | m2 (SF) | 14,756 (158,834) | | 5,366 | (79,179) |
| Special Foundations | | LS | -- | | -- | (8,577) |
| IDS Installation | | LS | -- | | -- | (386) |
| EMCS Connection | | LS | -- | | -- | (541) |
| SDD and EPAct05 | | LS | -- | | -- | (1,582) |
| Building Information Systems | | LS | -- | | -- | (341) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 8,034 |
| Electric Service | | LS | -- | | -- | (2,073) |
| Water, Sewer, Gas | | LS | -- | | -- | (1,832) |
| Steam And/Or Chilled Water Dist | | LS | -- | | -- | (212) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (1,730) |
| Storm Drainage | | LS | -- | | -- | (4) |
| Site Imp(1,838) Demo() | | LS | -- | | -- | (1,838) |
| Information Systems | | LS | -- | | -- | (186) |
| Antiterrorism Measures | | LS | -- | | -- | (159) |
| ESTIMATED CONTRACT COST | | | | | | 98,640 |
| CONTINGENCY (5.00%) | | | | | | 4,932 |
| SUBTOTAL | | | | | | 103,572 |
| SUPV, INSP & OVERHEAD (6.50%) | | | | | | 6,732 |
| DESIGN/BUILD - DESIGN COST | | | | | | 4,143 |
| TOTAL REQUEST | | | | | | 114,447 |
| TOTAL REQUEST (ROUNDED) | | | | | | 114,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | (2,275) |
| 10.Description of Proposed Construction This project consists of 4 phases. This project is Phase 3A for \$114M. Phase 1 (PN 65076) was appropriated in FY 2010 for \$95M. Phase 2A (PN 67112) was requested in FY2011 for \$142.65M. Phase 2B (PN 76873) was requested in FY 2011 for \$27M. Phase 3B (PN 76601) will be requested in FY2013 for \$68M. Phase 4 (PN 67116) will be requested in FY2013 for \$61M. Primary facilities in this phase include an Aircraft Maintenance Hangar, installation of Intrusion Detection Systems (IDS), Mass Notifications Systems, connections to Energy Monitoring and Control Systems (EMCS), Special Foundations, fire protection, and building information systems. Supporting facilities include utilities and connections; electric service; water, sewer, steam connections, paving, walks, curbs and gutters; parking; storm drainage; site improvements and information systems. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Access for persons with disabilities will be provided. Comprehensive building and furnishing related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 352 kW/100 Tons). | | | | | | |

| | | |
|--|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Fort Wainwright, Alaska | | |
| 4. PROJECT TITLE Aviation Complex, Ph 3A | 5. PROJECT NUMBER 67113 | |
| | | |
| <p>11. REQ: 26,942 m2 ADQT: NONE SUBSTD: 7,804 m2</p> <p>PROJECT: Construct phase 3A of a standard design Aviation Complex at Fort Wainwright, Alaska. (Current Mission)</p> <p>REQUIREMENT: This project is required for Fort Wainwright, Alaska to support the stationing of a General Support Aviation Battalion (GSAB) in accordance with the Global Defense Posture Realignment (GDPR).</p> <p>CURRENT SITUATION: Adequate existing facilities do not exist to accommodate the stationing action of the Aviation unit at Fort Wainwright, Alaska. All existing facilities suitable for use under this facility category code are occupied by other tenants. This project provides essential permanent facilities to support the Aviation unit stationing at Fort Wainwright, Alaska.</p> <p>IMPACT IF NOT PROVIDED: If this project is not provided, the Army will not be able to accommodate the stationing of the Aviation unit in permanent facilities meeting current standards at Fort Wainwright, Alaska. In addition, several other restationing actions are occurring in the same timeframe. Military personnel will continue to live and work in substandard and inadequate facilities which will adversely impact quality of life, morale, retention and readiness.</p> <p>ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p> | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Wainwright, Alaska

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Aviation Complex, Ph 3A | 5. PROJECT NUMBER 67113 |
|---|--------------------------------|

| | FY2010 (\$000) | FY2011 (\$000) | Requested FY2012 (\$000) | FYDP FY2013 (\$000) |
|-----------------------------------|----------------|----------------|-----------------------------|------------------------|
| Authorization | \$95,000 | \$169,650 | \$114,000 | \$129,000 |
| Authorization of Appropriation | \$95,000 | \$169,650 | \$114,000 | \$129,000 |
| Appropriation | \$95,000 | \$169,650 | \$114,000 | \$129,000 |

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... SEP 2009

(b) Percent Complete As Of January 2011..... 15.00

(c) Date 35% Designed..... JAN 2012

(d) Date Design Complete..... DEC 2012

(e) Parametric Cost Estimating Used to Develop Costs YES

(f) Type of Design Contract: Design-build

(g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

(a) Standard or Definitive Design: YES

(b) Where Most Recently Used:
Fort Wainwright

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

(a) Production of Plans and Specifications..... 2,093

(b) All Other Design Costs..... 4,186

(c) Total Design Cost..... 6,279

(d) Contract..... 4,186

(e) In-house..... 2,093

(4) Construction Contract Award..... JAN 2012

(5) Construction Start..... APR 2012

(6) Construction Completion..... OCT 2014

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Wainwright, Alaska

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Aviation Complex, Ph 3A | 5. PROJECT NUMBER 67113 |
|---|--------------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| Equipment | OPA | 2013 | 2,236 |
| Info Sys - ISC | OPA | 2013 | 39 |
| TOTAL | | | 2,275 |

Installation Engineer: Michael T. Meeks
Phone Number: 907-361-7287

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2012
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

| STATE | INSTALLATION (COMMAND) | NEW/ | | | |
|---------------|--------------------------------------|---------------|---------------|---------|--------------|
| ----- PROJECT | ----- | AUTHORIZATION | APPROPRIATION | CURRENT | MISSION PAGE |
| NUMBER | PROJECT TITLE | REQUEST | REQUEST | | |
| ----- | ----- | ----- | ----- | ----- | ----- |
| California | Fort Irwin (IMCOM) | | | | 31 |
| 70517 | Qualification Training Range | 15,500 | 15,500 | C | 33 |
| 71707 | Infantry Squad Battle Course | 7,500 | 7,500 | C | 36 |
| | Subtotal Fort Irwin Part I | \$ 23,000 | 23,000 | | |
| | Presidio of Monterey (IMCOM) | | | | 41 |
| | Presidio Of Monterey | | | | |
| 56425 | General Instruction Building | 3,000 | 3,000 | C | 43 |
| | Subtotal Presidio of Monterey Part I | \$ 3,000 | 3,000 | | |
| | * TOTAL MCA FOR California | \$ 26,000 | 26,000 | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | | | | | | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Fort Irwin California | | | 4. COMMAND US Army Installation Management Command | | | 5. AREA CONSTRUCTION COST INDEX 1.28 | |
| 6. PERSONNEL STRENGTH: | | | | | | | |
| | PERMANENT | | STUDENTS | | | SUPPORTED | |
| | OFFICER | ENLIST | CIVIL | OFFICER | ENLIST | CIVIL | TOTAL |
| A. AS OF 05 NOV 2010 | 866 | 4036 | 880 | 0 | 0 | 0 | 3070 7188 4757 20,797 |
| B. END FY 2016 | 905 | 3974 | 1005 | 0 | 0 | 0 | 3070 7188 4757 20,899 |
| 7. INVENTORY DATA (\$000) | | | | | | | |
| A. TOTAL AREA..... | 257,542 ha | | (636,398 AC) | | | | |
| B. INVENTORY TOTAL AS OF 31 DEC 2010..... | | | | | | | 3,194,277 |
| C. AUTHORIZATION NOT YET IN INVENTORY..... | | | | | | | 309,594 |
| D. AUTHORIZATION REQUESTED IN THE FY 2012 PROGRAM..... | | | | | | | 23,000 |
| E. AUTHORIZATION INCLUDED IN THE FY 2013 PROGRAM..... | | | | | | | 10,200 |
| F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY)..... | | | | | | | 0 |
| G. REMAINING DEFICIENCY..... | | | | | | | 807,835 |
| H. GRAND TOTAL..... | | | | | | | 4,344,906 |
| 8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2012 PROGRAM: | | | | | | | |
| CATEGORY PROJECT | | PROJECT TITLE | | COST | DESIGN STATUS | | |
| CODE | NUMBER | | | (\$000) | START | COMPLETE | |
| 178 | 70517 | Qualification Training Range | | 15,500 | 11/2009 | 10/2011 | |
| 178 | 71707 | Infantry Squad Battle Course | | 7,500 | 09/2009 | 10/2011 | |
| TOTAL | | | | 23,000 | | | |
| 9. FUTURE PROJECT APPROPRIATIONS: | | | | | | | |
| CATEGORY | | PROJECT TITLE | | COST | | | |
| CODE | | | | (\$000) | | | |
| A. INCLUDED IN THE FY 2013 PROGRAM: | | | | | | | |
| 740 | Physical Fitness Facility | | | 10,200 | | | |
| TOTAL | | | | 10,200 | | | |
| B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE | | | | | | | |
| C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): | | | | N/A | | | |
| 10. MISSION OR MAJOR FUNCTIONS: | | | | | | | |
| The mission of the National Training Center and Fort Irwin is to provide tough, realistic, combined arms and services joint training for brigades and regiments in a mid - to high - intensity environment, while retaining the training feedback and analysis focus at battalion/task force level. It also provides a data source for training, doctrine, organization, and equipment improvements. | | | | | | | |

| | | |
|----------------------|---------------------------------------|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | 2. DATE 10 FEB 2011 |
|----------------------|---------------------------------------|------------------------|

INSTALLATION AND LOCATION: Fort Irwin, California

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

| | |
|-----------------------------------|---------|
| | (\$000) |
| A. AIR POLLUTION | 0 |
| B. WATER POLLUTION | 0 |
| C. OCCUPATIONAL SAFETY AND HEALTH | 0 |

| | | | | | | |
|---|--|--|-------------------------------|---|--|--------------|
| 1.COMONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2.DATE 10 FEB 2011 | |
| 3.INSTALLATION AND LOCATION Fort Irwin California | | | | 4.PROJECT TITLE Qualification Training Range | | |
| 5.PROGRAM ELEMENT 22212A | | 6.CATEGORY CODE 178 | 7.PROJECT NUMBER 70517 | | 8.PROJECT COST (\$000) Auth 15,500 Approp 15,500 | |
| 9.COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 13,907 |
| Qualification Training Range | | EA | 1 | -- | 12039411 | (12,039) |
| Range Operations & Control Area | | EA | 1 | -- | 253,259 | (253) |
| Range Control Tower | | EA | 1 | -- | 345,871 | (346) |
| Operations/Storage Building | | m2 (SF) | 74.32 | (800) | 3,027 | (225) |
| Classroom Building | | m2 (SF) | 74.32 | (800) | 3,911 | (291) |
| Total from Continuation page | | | | | | (753) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 144 |
| Electric Service | | LS | -- | -- | -- | (52) |
| Information Systems | | LS | -- | -- | -- | (92) |
| ESTIMATED CONTRACT COST | | | | | | 14,051 |
| CONTINGENCY (5.00%) | | | | | | 703 |
| SUBTOTAL | | | | | | 14,754 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 841 |
| TOTAL REQUEST | | | | | | 15,595 |
| TOTAL REQUEST (ROUNDED) | | | | | | 15,500 |
| INSTALLED EQT-OTHER APPROP | | | | | | (2,271) |
| 10.Description of Proposed Construction Construct a standard design Qualification Training Range (QTR). Primary facilities include the QTR, range operations and control area, range control tower, operations/storage building, classroom building, latrine, bleacher enclosure, covered mess, ammunition breakdown building, and building information systems. Supporting facilities include electric service and information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 21 kW/6 Tons). | | | | | | |
| 11. REQ: 1 EA ADQT: NONE SUBSTD: NONE | | | | | | |
| PROJECT: Construct a standard design Qualification Training Range (QTR) at Fort Irwin, California. (Current Mission) | | | | | | |
| REQUIREMENT: This facility is required to train/test Soldiers on the skills necessary to detect, identify, engage, and defeat stationary and moving infantry targets in a tactical array with their prescribed weapons. Fort Irwin/National Training Center (NTC) requires a QTR to expand throughput capability not currently available on small arms ranges. It will enable both tenant units to maximize available range time. Additionally, the digital feedback capability of the QTR will contribute to the overall modernization of the Fort Irwin/NTC range complex. | | | | | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Irwin, California

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Qualification Training Range | 5. PROJECT NUMBER 70517 |
|--|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|--------------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| Latrine | m2 (SF) | 30.66 (330) | 8,223 | (252) |
| Bleacher Enclosure | EA | 1 -- | 151,015 | (151) |
| Covered Mess | m2 (SF) | 74.32 (800) | 1,894 | (141) |
| Ammunition Breakdown Building | m2 (SF) | 17.19 (185) | 9,659 | (166) |
| SDD and EPAct05 | LS | -- | -- | (17) |
| Building Information Systems | LS | -- | -- | (26) |
| | | | Total | 753 |

CURRENT SITUATION: Fort Irwin does not currently have a Qualification Training Range.

IMPACT IF NOT PROVIDED: If this facility is not provided, Soldiers will continue to have a significant training and logistical burden to complete their training and qualification requirements within a compressed intensive training period that supports the Army Force Generation (ARFORGEN) process. Ultimately, Soldiers may enter future combat less than fully prepared to employ the full capabilities of their weapons and equipment.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... NOV 2009
- (b) Percent Complete As Of January 2011..... 35.00
- (c) Date 35% Designed..... JAN 2011
- (d) Date Design Complete..... OCT 2011
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build

| | | |
|----------------------|--|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|----------------------|--|------------------------|

3. INSTALLATION AND LOCATION

Fort Irwin, California

| | |
|--|----------------------------|
| 4. PROJECT TITLE Qualification Training Range | 5. PROJECT NUMBER 70517 |
|--|----------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Stewart

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

| | |
|---|-------|
| (a) Production of Plans and Specifications..... | 795 |
| (b) All Other Design Costs..... | 351 |
| (c) Total Design Cost..... | 1,146 |
| (d) Contract..... | 657 |
| (e) In-house..... | 489 |

(4) Construction Contract Award..... JAN 2012

(5) Construction Start..... APR 2012

(6) Construction Completion..... OCT 2013

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-------------------------------|--------------------------------|--|---------------------|
| Targetry | OPA | 2012 | 2,270 |
| Info Sys - ISC | OPA | 2013 | 1 |
| | | TOTAL | 2,271 |

Installation Engineer: Lance Toyofuku
Phone Number: 760-380-3433

| | | | | | |
|--|-------------------------|--|---|------------------------|-----------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Irwin California | | | 4. PROJECT TITLE Infantry Squad Battle Course | | |
| 5. PROGRAM ELEMENT 22212A | 6. CATEGORY CODE 178 | 7. PROJECT NUMBER 71707 | 8. PROJECT COST (\$000) Auth 7,500 Approp 7,500 | | |
| 9. COST ESTIMATES | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | 6,600 |
| Automated Infantry Squad Battle | | LN | 5 | -- | 1004457 (5,022) |
| Range Operations Control Area | | EA | 1 | -- | 185,037 (185) |
| Renovate Range Control Tower | | EA | 1 | -- | 32,377 (32) |
| Operations/Storage Building | | m2 (SF) | 74.32 | (800) | 3,027 (225) |
| Classroom Building | | m2 (SF) | 74.32 | (800) | 3,911 (291) |
| Total from Continuation page | | | | | (845) |
| <u>SUPPORTING FACILITIES</u> | | | | | 172 |
| Electric Service | | LS | -- | -- | (52) |
| Site Imp() Demo(2) | | LS | -- | -- | (2) |
| Information Systems | | LS | -- | -- | (118) |
| ESTIMATED CONTRACT COST | | | | | 6,772 |
| CONTINGENCY (5.00%) | | | | | 339 |
| SUBTOTAL | | | | | 7,111 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | 405 |
| TOTAL REQUEST | | | | | 7,516 |
| TOTAL REQUEST (ROUNDED) | | | | | 7,500 |
| INSTALLED EQT-OTHER APPROP | | | | | () |
| 10. Description of Proposed Construction Construct a standard design Automated Infantry Squad Battle Course (ISBC). Primary facilities include the ISBC, range operations control area, renovation of an existing range control tower, operations/storage building, classroom building, latrine, bleacher enclosure, covered mess, ammunition breakdown building, and building information systems. Supporting facilities include electric service and information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct 05) features will be provided. Demolish 2 buildings (TOTAL 24 m2/259 SF). Air Conditioning (Estimated 21 kW/6 Tons). | | | | | |
| 11. REQ: 5 LN ADQT: NONE SUBSTD: NONE | | | | | |
| PROJECT: Construct a standard design Automated Infantry Squad Battle Course at Fort Irwin, California. (Current Mission) | | | | | |
| REQUIREMENT: This project is required to train and test infantry squads at Fort Irwin on the skills necessary to conduct tactical movement techniques, and to detect, identify, engage, and defeat stationary and moving infantry targets in a tactical array. Squad level tactical training provides foundational combat skills necessary to progress further in tactical proficiencies. | | | | | |

| | | |
|----------------------|--|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|----------------------|--|------------------------|

3. INSTALLATION AND LOCATION
Fort Irwin, California

| | |
|--|----------------------------|
| 4. PROJECT TITLE Infantry Squad Battle Course | 5. PROJECT NUMBER 71707 |
|--|----------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|--------------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| Latrine | m2 (SF) | 30.66 (330) | 8,223 | (252) |
| Bleacher Enclosure | EA | 1 -- | 151,015 | (151) |
| Covered Mess | m2 (SF) | 74.32 (800) | 1,894 | (141) |
| Ammunition Breakdown Building | m2 (SF) | 17.19 (185) | 9,659 | (166) |
| SDD and EPAct05 | LS | -- | -- | (11) |
| Building Information Systems | LS | -- | -- | (124) |
| Total | | | | 845 |

CURRENT SITUATION: There is not a range capable of supporting infantry squad live fire training that enables the units to accomplish all their Mission Essential Task List (METL) requirements using one range. Current infantry squad live fire exercises are executed on non-standard ranges that do not support the qualification standards and METL tasks. The ranges used to train all weapons systems are spread across a wide area requiring units to support numerous ranges to accomplish modified weapons qualification. This situation leads to logistical and training challenges for each unit. Additionally, existing ranges do not provide modernized targetry or scoring.

IMPACT IF NOT PROVIDED: If this project is not provided, units will continue to have a significant training and logistical burden to accomplish their METL tasks within a compressed intensive training period to support the Army Force Generation (ARFORGEN) process. Existing ranges cannot adequately meet the qualification-training throughput of the assigned and transient organizations. These units will continue to train under circumstances that will negatively impact the degree of proficiency required for combat and limit the structured progression of increased readiness under ARFORGEN.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Irwin, California

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Infantry Squad Battle Course | 5. PROJECT NUMBER 71707 |
|--|--------------------------------|

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... SEP 2009
 - (b) Percent Complete As Of January 2011..... 35.00
 - (c) Date 35% Designed..... JAN 2011
 - (d) Date Design Complete..... OCT 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build

- (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Sill

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 410
 - (b) All Other Design Costs..... 330
 - (c) Total Design Cost..... 740
 - (d) Contract..... 450
 - (e) In-house..... 290

- (4) Construction Contract Award..... JAN 2012
- (5) Construction Start..... APR 2012
- (6) Construction Completion..... OCT 2013

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Irwin, California

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Infantry Squad Battle Course | 5. PROJECT NUMBER 71707 |
|--|--------------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| NA | | | |

Installation Engineer: Lance Toyofuku
Phone Number: 760-380-3433

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|--|---------------------------------------|------------------------------|---|---------|---------------|--|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | | | | | | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Presidio of Monterey California | | | 4. COMMAND US Army Installation Management Command | | | 5. AREA CONSTRUCTION COST INDEX 1.25 | |
| 6. PERSONNEL STRENGTH: | | | | | | | |
| | PERMANENT | | STUDENTS | | | SUPPORTED | |
| | OFFICER | ENLIST | CIVIL | OFFICER | ENLIST | CIVIL | TOTAL |
| A. AS OF 05 NOV 2010 | 96 | 261 | 2146 | 335 | 4295 | 9 | 28 159 2669 9,998 |
| B. END FY 2016 | 100 | 274 | 2200 | 525 | 5158 | 15 | 29 163 2684 11,148 |
| 7. INVENTORY DATA (\$000) | | | | | | | |
| A. TOTAL AREA..... | 586 ha | | (1,449 AC) | | | | |
| B. INVENTORY TOTAL AS OF 31 DEC 2010..... | | | | | | | 2,010,035 |
| C. AUTHORIZATION NOT YET IN INVENTORY..... | | | | | | | 227,350 |
| D. AUTHORIZATION REQUESTED IN THE FY 2012 PROGRAM..... | | | | | | | 3,000 |
| E. AUTHORIZATION INCLUDED IN THE FY 2013 PROGRAM..... | | | | | | | 0 |
| F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY)..... | | | | | | | 0 |
| G. REMAINING DEFICIENCY..... | | | | | | | 704,682 |
| H. GRAND TOTAL..... | | | | | | | 2,945,067 |
| 8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2012 PROGRAM: | | | | | | | |
| CATEGORY PROJECT | | PROJECT TITLE | | COST | DESIGN STATUS | | |
| CODE | NUMBER | | | (\$000) | START | COMPLETE | |
| 171 | 56425 | General Instruction Building | | 3,000 | 09/2009 | 10/2011 | |
| | | | | TOTAL | 3,000 | | |
| 9. FUTURE PROJECT APPROPRIATIONS: | | | | | | | |
| CATEGORY | | PROJECT TITLE | | COST | | | |
| CODE | | | | (\$000) | | | |
| A. INCLUDED IN THE FY 2013 PROGRAM: NONE | | | | | | | |
| B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE | | | | | | | |
| C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): | | | | N/A | | | |
| 10. MISSION OR MAJOR FUNCTIONS: | | | | | | | |
| Provide professional base support services which facilitate mission readiness and promote well-being for all supported elements. Home of the Defense Language Institute Foreign Language Center (DLIFLC) which provides foreign language education, training, evaluation, and sustainment for DoD personnel in order to ensure the success of the Defense Foreign Language Program and enhance the security of the Nation. | | | | | | | |
| 11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: | | | | | | | |
| | | | | (\$000) | | | |
| A. AIR POLLUTION | | | | 0 | | | |

| | | |
|----------------------|---------------------------------------|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | 2. DATE 10 FEB 2011 |
|----------------------|---------------------------------------|------------------------|

INSTALLATION AND LOCATION: Presidio of Monterey, California

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (...CONTINUED)

(\$000)

B. WATER POLLUTION

0

C. OCCUPATIONAL SAFETY AND HEALTH

0

| | | | | | | |
|---|--|--|-------------------------------|---|--|--------------|
| 1.COMONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2.DATE 10 FEB 2011 | |
| 3.INSTALLATION AND LOCATION Presidio Of Monterey California (Presidio of Monterey) | | | | 4.PROJECT TITLE General Instruction Building | | |
| 5.PROGRAM ELEMENT 85796A | | 6.CATEGORY CODE 171 | 7.PROJECT NUMBER 56425 | | 8.PROJECT COST (\$000) Auth 3,000 Approp 3,000 | |
| 9.COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 2,659 |
| Instruction Bldg Renovation | | m2 (SF) | 1,744 (18,771) | | 1,226 | (2,138) |
| Hazardous Material Abatement | | LS | -- | | -- | (248) |
| SDD and EPAct05 | | LS | -- | | -- | (42) |
| Antiterrorism Measures | | LS | -- | | -- | (42) |
| Building Information Systems | | LS | -- | | -- | (189) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 61 |
| Storm Drainage | | LS | -- | | -- | (53) |
| Information Systems | | LS | -- | | -- | (8) |
| ESTIMATED CONTRACT COST | | | | | | 2,720 |
| CONTINGENCY (5.00%) | | | | | | 136 |
| SUBTOTAL | | | | | | 2,856 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 163 |
| TOTAL REQUEST | | | | | | 3,019 |
| TOTAL REQUEST (ROUNDED) | | | | | | 3,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10.Description of Proposed Construction Renovate a General Instruction Building to include building information systems, hazardous material abatement, interior surface renovation, interior and exterior lead paint abatement and encapsulation. Supporting facilities include storm drainage and information systems. Access for persons with disabilities will be provided. Comprehensive building and furnishing related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 158 kW/45 Tons). | | | | | | |
| 11. REQ: 95,075 m2 ADQT: 27,622 m2 SUBSTD: 29,759 m2 | | | | | | |
| PROJECT: Renovate a General Instruction Building at Presidio of Monterey, California. (Current Mission) | | | | | | |
| REQUIREMENT: This project is required to restore a General Instruction Building used in support of the Defense Language Institute's foreign language training mission. Instruction includes targeted language cultures and cuisines, hosting training seminars, ceremonies, briefings for distinguished visitors, and conducting mission related training. Cultural and special events are hosted on a daily basis within this historical structure. | | | | | | |

| | | | | | | | | | | | | | | |
|--|--|----------------------------|------------------------------|----------|--|-------|----------------------------|----------|-------------------------------|----------|--|-----|---|--|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 | | | | | | | | | | | | |
| 3. INSTALLATION AND LOCATION Presidio Of Monterey, California (Presidio of Monterey) | | | | | | | | | | | | | | |
| 4. PROJECT TITLE General Instruction Building | 5. PROJECT NUMBER 56425 | | | | | | | | | | | | | |
| <p><u>CURRENT SITUATION:</u> The existing building is a historical wood frame building erected in 1904 as an Officers Club and Guest House. It now serves the Defense Language Institute as a General Instruction Building used as a cultural and cuisine teaching center used to host conferences, graduations, and training seminars. Backlogged maintenance, repair and renovation have taken a toll on the structure and deterioration is such that repairs require major construction. Asbestos is found in floor tiling and walls. Paint is lead based. Plumbing does not meet codes and has deteriorated severely. Lead soldering is prevalent throughout the piping. Facility needs improvements to its ADA accessibility to meet current requirements.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The existing building continues to deteriorate and is of limited use in immersion training. Teaching activities are limited by the current condition of the building. This building is unique in that it has the only kitchen area large enough for the students to train on the foreign culinary arts of the country's language they are studying. This building is of historical value and a key component of the Presidio of Monterey's historical district.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p> | | | | | | | | | | | | | | |
| 12. SUPPLEMENTAL DATA: | | | | | | | | | | | | | | |
| <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table data-bbox="321 1549 1323 1743"> <tr> <td>(a) Date Design Started.....</td> <td>SEP 2009</td> </tr> <tr> <td>(b) Percent Complete As Of January 2011.....</td> <td>35.00</td> </tr> <tr> <td>(c) Date 35% Designed.....</td> <td>JAN 2011</td> </tr> <tr> <td>(d) Date Design Complete.....</td> <td>OCT 2011</td> </tr> <tr> <td>(e) Parametric Cost Estimating Used to Develop Costs</td> <td>YES</td> </tr> <tr> <td>(f) Type of Design Contract: Design-bid-build</td> <td></td> </tr> </table> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design: NO</p> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> | | | (a) Date Design Started..... | SEP 2009 | (b) Percent Complete As Of January 2011..... | 35.00 | (c) Date 35% Designed..... | JAN 2011 | (d) Date Design Complete..... | OCT 2011 | (e) Parametric Cost Estimating Used to Develop Costs | YES | (f) Type of Design Contract: Design-bid-build | |
| (a) Date Design Started..... | SEP 2009 | | | | | | | | | | | | | |
| (b) Percent Complete As Of January 2011..... | 35.00 | | | | | | | | | | | | | |
| (c) Date 35% Designed..... | JAN 2011 | | | | | | | | | | | | | |
| (d) Date Design Complete..... | OCT 2011 | | | | | | | | | | | | | |
| (e) Parametric Cost Estimating Used to Develop Costs | YES | | | | | | | | | | | | | |
| (f) Type of Design Contract: Design-bid-build | | | | | | | | | | | | | | |

| | | |
|------------------------|--|---------------------------|
| 1.COMONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE 10 FEB 2011 |
|------------------------|--|---------------------------|

3.INSTALLATION AND LOCATION

Presidio Of Monterey, California (Presidio of Monterey)

| | |
|---|-------------------------------|
| 4.PROJECT TITLE General Instruction Building | 5.PROJECT NUMBER 56425 |
|---|-------------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

| | |
|---|----------|
| (a) Production of Plans and Specifications..... | 117 |
| (b) All Other Design Costs..... | 176 |
| (c) Total Design Cost..... | 293 |
| (d) Contract..... | 176 |
| (e) In-house..... | 117 |
| (4) Construction Contract Award..... | JAN 2012 |
| (5) Construction Start..... | APR 2012 |
| (6) Construction Completion..... | APR 2013 |

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-------------------------------|--------------------------------|--|---------------------|
| | NA | | |

Installation Engineer: Tai H. Cao
Phone Number: 831-242-6837

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DEPARTMENT OF THE ARMY
 FISCAL YEAR 2012
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

| STATE | INSTALLATION (COMMAND) | | | NEW/ | |
|---------------|-----------------------------|---------------|---------------|---------|-------|
| ----- PROJECT | ----- | AUTHORIZATION | APPROPRIATION | CURRENT | |
| NUMBER | PROJECT TITLE | REQUEST | REQUEST | MISSION | PAGE |
| ----- | ----- | ----- | ----- | ----- | ----- |
| Colorado | Fort Carson (IMCOM) | | | | 49 |
| 65602 | Brigade Headquarters | 14,400 | 14,400 | C | 51 |
| 77264 | Barracks | 67,000 | 67,000 | C | 54 |
| 77265 | Barracks | 46,000 | 46,000 | C | 57 |
| 77302 | Control Tower | 14,200 | 14,200 | C | 60 |
| 77306 | Aircraft Maintenance Hangar | 63,000 | 63,000 | C | 63 |
| 77319 | Aircraft Loading Area | 34,000 | 34,000 | C | 66 |
| | Subtotal Fort Carson Part I | \$ 238,600 | 238,600 | | |
| | * TOTAL MCA FOR Colorado | \$ 238,600 | 238,600 | | |

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|--|---------------------------------------|--|---|---------|--------|--|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | | | | | | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Fort Carson Colorado | | | 4. COMMAND US Army Installation Management Command | | | 5. AREA CONSTRUCTION COST INDEX 1.02 | |
| 6. PERSONNEL STRENGTH: | | | | | | | |
| | PERMANENT | | STUDENTS | | | SUPPORTED | |
| | OFFICER | ENLIST | CIVIL | OFFICER | ENLIST | CIVIL | TOTAL |
| A. AS OF 05 NOV 2010 | 2826 | 21608 | 2189 | 8 | 87 | 0 | 211 1149 3629 31,707 |
| B. END FY 2016 | 2836 | 21354 | 2419 | 8 | 109 | 0 | 210 1148 2325 30,409 |
| 7. INVENTORY DATA (\$000) | | | | | | | |
| A. TOTAL AREA..... | 151,075 ha | | (373,313 AC) | | | | |
| B. INVENTORY TOTAL AS OF 31 DEC 2010..... | | | | | | | 5,306,206 |
| C. AUTHORIZATION NOT YET IN INVENTORY..... | | | | | | | 1,435,466 |
| D. AUTHORIZATION REQUESTED IN THE FY 2012 PROGRAM..... | | | | | | | 238,600 |
| E. AUTHORIZATION INCLUDED IN THE FY 2013 PROGRAM..... | | | | | | | 115,200 |
| F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY)..... | | | | | | | 0 |
| G. REMAINING DEFICIENCY..... | | | | | | | 957,474 |
| H. GRAND TOTAL..... | | | | | | | 8,052,946 |
| 8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2012 PROGRAM: | | | | | | | |
| CATEGORY PROJECT | | | | | | COST | DESIGN STATUS |
| CODE | NUMBER | PROJECT TITLE | | | | (\$000) | START COMPLETE |
| 141 | 65602 | Brigade Headquarters | | | | 14,400 | 10/2010 10/2011 |
| 721 | 77265 | Barracks | | | | 46,000 | 09/2010 10/2012 |
| 721 | 77264 | Barracks | | | | 67,000 | 09/2010 10/2012 |
| 133 | 77302 | Control Tower | | | | 14,200 | 06/2010 09/2012 |
| 113 | 77319 | Aircraft Loading Area | | | | 34,000 | 10/2010 10/2011 |
| 211 | 77306 | Aircraft Maintenance Hangar | | | | 63,000 | 09/2010 09/2012 |
| TOTAL | | | | | | 238,600 | |
| 9. FUTURE PROJECT APPROPRIATIONS: | | | | | | | |
| CATEGORY | | | | | | COST | |
| CODE | | PROJECT TITLE | | | | (\$000) | |
| A. INCLUDED IN THE FY 2013 PROGRAM: | | | | | | | |
| 178 | | Digital Multipurpose Training Range | | | | 18,500 | |
| 141 | | Brigade Headquarters Building | | | | 57,000 | |
| 550 | | Add/Alter Preventive Medicine Facility | | | | 5,700 | |
| 441 | | Brigade Supply and Support Activities | | | | 34,000 | |
| TOTAL | | | | | | 115,200 | |
| B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE | | | | | | | |
| C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): | | | | | | N/A | |

| | | |
|----------------------|---------------------------------------|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | 2. DATE 10 FEB 2011 |
|----------------------|---------------------------------------|------------------------|

INSTALLATION AND LOCATION: Fort Carson, Colorado

10. MISSION OR MAJOR FUNCTIONS:

Provide the nation's Armed Forces with a sustaining base and a power projection platform, in support of National Security Objectives. Major functions include: support and enable operational and training requirements of Maneuver units, support basic and advanced skill training for new soldiers; exercise command and control; provide for public safety and security; provide sound stewardship of installation resources and the environment; provide services/programs to enable readiness; execute community and family support services and programs; maintain and improve installation infrastructure.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

| | (\$000) |
|-----------------------------------|---------|
| A. AIR POLLUTION | 0 |
| B. WATER POLLUTION | 0 |
| C. OCCUPATIONAL SAFETY AND HEALTH | 0 |

| | | | | | | |
|--|--|--|-------------------------------|---|--|--------------|
| 1.COMONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2.DATE 10 FEB 2011 | |
| 3.INSTALLATION AND LOCATION Fort Carson Colorado | | | | 4.PROJECT TITLE Brigade Headquarters | | |
| 5.PROGRAM ELEMENT 22096A | | 6.CATEGORY CODE 141 | 7.PROJECT NUMBER 65602 | | 8.PROJECT COST (\$000) Auth 14,400 Approp 14,400 | |
| 9.COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 11,408 |
| Brigade Headquarters | | m2 (SF) | 3,800 (40,902) | | 2,427 | (9,223) |
| Special Foundations | | LS | -- | | -- | (777) |
| IDS Installation | | LS | -- | | -- | (28) |
| EMCS Connection | | LS | -- | | -- | (82) |
| SDD and EPAct05 | | LS | -- | | -- | (188) |
| Building Information Systems | | LS | -- | | -- | (1,110) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 1,549 |
| Electric Service | | LS | -- | | -- | (300) |
| Water, Sewer, Gas | | LS | -- | | -- | (47) |
| Steam And/Or Chilled Water Dist | | LS | -- | | -- | (37) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (52) |
| Storm Drainage | | LS | -- | | -- | (112) |
| Site Imp(204) Demo(38) | | LS | -- | | -- | (242) |
| Information Systems | | LS | -- | | -- | (727) |
| Antiterrorism Measures | | LS | -- | | -- | (32) |
| ESTIMATED CONTRACT COST | | | | | | 12,957 |
| CONTINGENCY (5.00%) | | | | | | 648 |
| SUBTOTAL | | | | | | 13,605 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 775 |
| TOTAL REQUEST | | | | | | 14,380 |
| TOTAL REQUEST (ROUNDED) | | | | | | 14,400 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10.Description of Proposed Construction Construct a standard design Brigade Headquarters. Primary facilities to include the Brigade Headquarters, Energy Monitoring and Control System (EMCS) connection, Intrusion Detection System (IDS) connection, fire alarm detection, reporting, and notification systems, and building information systems. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Supporting facilities include electricity, security lighting, water, sewer, and natural gas services, paving, parking areas, service roads, walks, curbs and gutters, storm drainage, information systems, lightning protection systems, site improvements and landscaping. Access for persons with disabilities will be provided. Comprehensive building and furnishing related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Demolish 1 building (TOTAL 912 m2/9,822 SF). Air Conditioning (Estimated 77 kW/22 Tons). | | | | | | |
| 11. REQ: | | 29,357 m2 | ADQT: 12,282 m2 | | SUBSTD: | 17,150 m2 |
| PROJECT: Construct a standard design Brigade Headquarters at Fort Carson, Colorado. (Current Mission) | | | | | | |

| | | | | | | | | | | | | | | | | |
|--|--|----------------------------|------------------------------|-----------------|--|--------------|----------------------------|-----------------|-------------------------------|-----------------|--|------------|--|--|--|--|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 | | | | | | | | | | | | | | |
| 3. INSTALLATION AND LOCATION Fort Carson, Colorado | | | | | | | | | | | | | | | | |
| 4. PROJECT TITLE Brigade Headquarters | 5. PROJECT NUMBER 65602 | | | | | | | | | | | | | | | |
| <p><u>REQUIREMENT:</u> This project is required to provide an adequate brigade headquarters that meets current standards. This project provides essential permanent facilities to accommodate the restructuring of forces as part of Army Transformation.</p> <p><u>CURRENT SITUATION:</u> Adequate existing facilities are not available at Fort Carson. The current facilities are fully utilized and do not meet minimum size or space standards, (the existing facilities are 25% of the space authorized). Existing facilities and temporary spaces are being utilized to meet the needs of the units.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided the Brigade will be unable to effectively accomplish its mission for command and control. The inadequacy of existing facilities coupled with the shortage of required facilities continues to hamper unit readiness and contribute to low troop morale.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p> | | | | | | | | | | | | | | | | |
| <p>12. <u>SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr> <td>(a) Date Design Started.....</td> <td><u>OCT 2010</u></td> </tr> <tr> <td>(b) Percent Complete As Of January 2011.....</td> <td><u>10.00</u></td> </tr> <tr> <td>(c) Date 35% Designed.....</td> <td><u>MAR 2011</u></td> </tr> <tr> <td>(d) Date Design Complete.....</td> <td><u>OCT 2011</u></td> </tr> <tr> <td>(e) Parametric Cost Estimating Used to Develop Costs</td> <td><u>YES</u></td> </tr> <tr> <td>(f) Type of Design Contract: Adapt-Build</td> <td></td> </tr> <tr> <td>(g) An energy study and life cycle cost analysis will be documented during the final design.</td> <td></td> </tr> </table> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design: YES</p> <p>(b) Where Most Recently Used: Fort Carson</p> | | | (a) Date Design Started..... | <u>OCT 2010</u> | (b) Percent Complete As Of January 2011..... | <u>10.00</u> | (c) Date 35% Designed..... | <u>MAR 2011</u> | (d) Date Design Complete..... | <u>OCT 2011</u> | (e) Parametric Cost Estimating Used to Develop Costs | <u>YES</u> | (f) Type of Design Contract: Adapt-Build | | (g) An energy study and life cycle cost analysis will be documented during the final design. | |
| (a) Date Design Started..... | <u>OCT 2010</u> | | | | | | | | | | | | | | | |
| (b) Percent Complete As Of January 2011..... | <u>10.00</u> | | | | | | | | | | | | | | | |
| (c) Date 35% Designed..... | <u>MAR 2011</u> | | | | | | | | | | | | | | | |
| (d) Date Design Complete..... | <u>OCT 2011</u> | | | | | | | | | | | | | | | |
| (e) Parametric Cost Estimating Used to Develop Costs | <u>YES</u> | | | | | | | | | | | | | | | |
| (f) Type of Design Contract: Adapt-Build | | | | | | | | | | | | | | | | |
| (g) An energy study and life cycle cost analysis will be documented during the final design. | | | | | | | | | | | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Fort Carson, Colorado

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Brigade Headquarters | 5. PROJECT NUMBER 65602 |
|--|--------------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

| | |
|---|----------|
| (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): | (\$000) |
| (a) Production of Plans and Specifications..... | 206 |
| (b) All Other Design Costs..... | 206 |
| (c) Total Design Cost..... | 412 |
| (d) Contract..... | 206 |
| (e) In-house..... | 206 |
| (4) Construction Contract Award..... | JAN 2012 |
| (5) Construction Start..... | APR 2012 |
| (6) Construction Completion..... | OCT 2013 |

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-------------------------------|--------------------------------|--|---------------------|
| NA | | | |

Installation Engineer: Hal K. Alguire
Phone Number: (719) 526-4265

| | | | | | |
|---|-------------------------|--|---|------------------------|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Carson Colorado | | | 4. PROJECT TITLE Barracks | | |
| 5. PROGRAM ELEMENT 22096A | 6. CATEGORY CODE 721 | 7. PROJECT NUMBER 77264 | 8. PROJECT COST (\$000) Auth 67,000 Approp 67,000 | | |
| 9. COST ESTIMATES | | | | | |
| ITEM | | UM (M/E) | QUANTITY | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | 47,573 |
| Barracks | | m2 (SF) | 20,671 (222,499) | 2,080 | (42,987) |
| Special Foundations | | LS | -- | -- | (1,446) |
| EMCS Connections | | LS | -- | -- | (779) |
| SDD and EPAct05 | | LS | -- | -- | (950) |
| Antiterrorism Measures | | LS | -- | -- | (679) |
| Building Information Systems | | LS | -- | -- | (732) |
| <u>SUPPORTING FACILITIES</u> | | | | | 10,739 |
| Electric Service | | LS | -- | -- | (879) |
| Water, Sewer, Gas | | LS | -- | -- | (1,141) |
| Paving, Walks, Curbs & Gutters | | LS | -- | -- | (5,970) |
| Storm Drainage | | LS | -- | -- | (1,804) |
| Site Imp(725) Demo() | | LS | -- | -- | (725) |
| Information Systems | | LS | -- | -- | (9) |
| Antiterrorism Measures | | LS | -- | -- | (211) |
| ESTIMATED CONTRACT COST | | | | | 58,312 |
| CONTINGENCY (5.00%) | | | | | 2,916 |
| SUBTOTAL | | | | | 61,228 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | 3,490 |
| DESIGN/BUILD - DESIGN COST | | | | | 2,449 |
| TOTAL REQUEST | | | | | 67,167 |
| TOTAL REQUEST (ROUNDED) | | | | | 67,000 |
| INSTALLED EQT-OTHER APPROP | | | | | () |
| 10. Description of Proposed Construction Construct standard design barracks to support a Combat Aviation Brigade. Work will include the barracks, building information systems, special foundations, connection to Energy Monitoring and Control System (EMCS), fire/smoke detection and alarm systems, fire suppression systems, and connections to the installation central systems. Supporting facilities include electric service, water, sewer and gas, paving, walks, curbs and gutters, parking, storm drainage, site work and information systems. Heating and air conditioning will be provided by self-contained systems. Antiterrorism measures include building setbacks and perimeter lighting. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. Air Conditioning (Estimated 9,155 kW/2,603 Tons). | | | | | |
| 11. REQ: 8,890 PN ADQT: 7,824 PN SUBSTD: 146 PN PROJECT: Construct standard design barracks for a Combat Aviation Brigade at Fort Carson, Colorado. (Current Mission) | | | | | |

| | | | | | | | | | | | | | | |
|---|--|----------------------------|------------------------------|----------|--|-------|----------------------------|----------|-------------------------------|----------|--|-----|---|--|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 | | | | | | | | | | | | |
| 3. INSTALLATION AND LOCATION Fort Carson, Colorado | | | | | | | | | | | | | | |
| 4. PROJECT TITLE Barracks | 5. PROJECT NUMBER 77264 | | | | | | | | | | | | | |
| <p><u>REQUIREMENT:</u> This project is required to support the stationing of a Combat Aviation Brigade at Fort Carson. Maximum barracks utilization is 596 spaces. The intended use is for 418 junior enlisted Soldiers and 89 junior noncommissioned officers.</p> <p><u>CURRENT SITUATION:</u> Adequate existing facilities are not available to support this stationing action. All existing facilities suitable for use under this facility category code are fully utilized.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the Army will not have adequate permanent facilities to accomplish the stationing of a Combat Aviation Brigade. Soldiers will be housed off-post in costly accommodations at varying distances from the cantonment. This situation will adversely impact the command and control of Soldiers and units.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p> <p>During the past two years, \$2.5M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Carson, Colorado. Upon completion of this multi-phased project and other projects approved through FY 2012, the remaining unaccompanied enlisted permanent party deficit is 0 personnel at this installation.</p> | | | | | | | | | | | | | | |
| 12. <u>SUPPLEMENTAL DATA:</u> | | | | | | | | | | | | | | |
| <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr> <td>(a) Date Design Started.....</td> <td>SEP 2010</td> </tr> <tr> <td>(b) Percent Complete As Of January 2011.....</td> <td>15.00</td> </tr> <tr> <td>(c) Date 35% Designed.....</td> <td>JAN 2012</td> </tr> <tr> <td>(d) Date Design Complete.....</td> <td>OCT 2012</td> </tr> <tr> <td>(e) Parametric Cost Estimating Used to Develop Costs</td> <td>YES</td> </tr> <tr> <td>(f) Type of Design Contract: Design-build</td> <td></td> </tr> </table> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design: YES</p> <p>(b) Where Most Recently Used:</p> | | | (a) Date Design Started..... | SEP 2010 | (b) Percent Complete As Of January 2011..... | 15.00 | (c) Date 35% Designed..... | JAN 2012 | (d) Date Design Complete..... | OCT 2012 | (e) Parametric Cost Estimating Used to Develop Costs | YES | (f) Type of Design Contract: Design-build | |
| (a) Date Design Started..... | SEP 2010 | | | | | | | | | | | | | |
| (b) Percent Complete As Of January 2011..... | 15.00 | | | | | | | | | | | | | |
| (c) Date 35% Designed..... | JAN 2012 | | | | | | | | | | | | | |
| (d) Date Design Complete..... | OCT 2012 | | | | | | | | | | | | | |
| (e) Parametric Cost Estimating Used to Develop Costs | YES | | | | | | | | | | | | | |
| (f) Type of Design Contract: Design-build | | | | | | | | | | | | | | |

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|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Carson, Colorado

| | |
|----------------------------------|--------------------------------|
| 4. PROJECT TITLE Barracks | 5. PROJECT NUMBER 77264 |
|----------------------------------|--------------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)
Fort Bliss

| | |
|---|-----------------|
| (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): | (\$000) |
| (a) Production of Plans and Specifications..... | <u>1,037</u> |
| (b) All Other Design Costs..... | <u>1,728</u> |
| (c) Total Design Cost..... | <u>2,765</u> |
| (d) Contract..... | <u>1,728</u> |
| (e) In-house..... | <u>1,037</u> |
| (4) Construction Contract Award..... | <u>JAN 2012</u> |
| (5) Construction Start..... | <u>APR 2012</u> |
| (6) Construction Completion..... | <u>APR 2014</u> |

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

| <u>Equipment</u> <u>Nomenclature</u> | <u>Procuring</u> <u>Appropriation</u> | <u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u> | <u>Cost</u> <u>(\$000)</u> |
|---|--|--|-------------------------------|
|---|--|--|-------------------------------|

NA

Installation Engineer: Hal K. Alguire
Phone Number: 719-526-4265

| | | | | | | |
|---|--|--|----------------------------|------------------------------|---|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Carson Colorado | | | | 4. PROJECT TITLE Barracks | | |
| 5. PROGRAM ELEMENT 22096A | | 6. CATEGORY CODE 721 | 7. PROJECT NUMBER 77265 | | 8. PROJECT COST (\$000) Auth 46,000 Approp 46,000 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 31,753 |
| Barracks | | m2 (SF) | 13,804 (148,581) | | 2,080 | (28,706) |
| Special Foundations | | LS | -- | | -- | (869) |
| EMCS Connections | | LS | -- | | -- | (520) |
| SDD and EPAct05 | | LS | -- | | -- | (634) |
| Antiterrorism Measures | | LS | -- | | -- | (455) |
| Building Information Systems | | LS | -- | | -- | (569) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 8,610 |
| Electric Service | | LS | -- | | -- | (932) |
| Water, Sewer, Gas | | LS | -- | | -- | (1,032) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (4,708) |
| Storm Drainage | | LS | -- | | -- | (1,198) |
| Site Imp(563) Demo() | | LS | -- | | -- | (563) |
| Information Systems | | LS | -- | | -- | (8) |
| Antiterrorism Measures | | LS | -- | | -- | (169) |
| ESTIMATED CONTRACT COST | | | | | | 40,363 |
| CONTINGENCY (5.00%) | | | | | | 2,018 |
| SUBTOTAL | | | | | | 42,381 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 2,416 |
| DESIGN/BUILD - DESIGN COST | | | | | | 1,695 |
| TOTAL REQUEST | | | | | | 46,492 |
| TOTAL REQUEST (ROUNDED) | | | | | | 46,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10. Description of Proposed Construction Construct standard design barracks to support a Combat Aviation Brigade. Work will include the barracks, building information systems, special foundations, connection to Energy Monitoring and Control System (EMCS), fire/smoke detection and alarm systems, fire suppression systems, and connections to the installation central systems. Supporting facilities include electric service, water, sewer and gas, paving, walks, curbs and gutters, parking, storm drainage, site work and information systems. Heating and air conditioning will be provided by self-contained systems. Antiterrorism measures include building setbacks and perimeter lighting. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. Air Conditioning (Estimated 9,155 kW _r /2,603 Tons). | | | | | | |
| 11. REQ: | | 8,890 PN | ADQT: 7,824 PN | | SUBSTD: | 146 PN |
| PROJECT: Construct standard design barracks for a Combat Aviation Brigade at Fort Carson, Colorado. (Current Mission) | | | | | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Carson, Colorado

| | |
|----------------------------------|--------------------------------|
| 4. PROJECT TITLE Barracks | 5. PROJECT NUMBER 77265 |
|----------------------------------|--------------------------------|

REQUIREMENT: This project is required to support the stationing of a Combat Aviation Brigade at Fort Carson. Maximum barracks utilization is 398 spaces. The intended use is for 278 junior enlisted Soldiers and 60 junior noncommissioned officers.

CURRENT SITUATION: Adequate existing facilities are not available to support this stationing action. All existing facilities suitable for use under this facility category code are fully utilized.

IMPACT IF NOT PROVIDED: If this project is not provided, the Army will not be able to provide adequate permanent facilities to accomplish the restationing of a Combat Aviation Brigade. Soldiers will be housed off-post in costly accommodations at varying distances from the cantonment. This situation will adversely impact the command and control of Soldiers and units, and the morale and retention of highly motivated and highly trained Soldiers.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

During the past two years, \$2.5M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Carson, Colorado. Upon completion of this multi-phased project and other projects approved through FY 2012, the remaining unaccompanied enlisted permanent party deficit is 0 personnel at this installation.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
- (a) Date Design Started..... SEP 2010
 - (b) Percent Complete As Of January 2011..... 15.00
 - (c) Date 35% Designed..... JAN 2012
 - (d) Date Design Complete..... OCT 2012
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-build

- (2) Basis:
- (a) Standard or Definitive Design: YES

| | | |
|----------------------|--|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|----------------------|--|------------------------|

3. INSTALLATION AND LOCATION
Fort Carson, Colorado

| | |
|------------------------------|----------------------------|
| 4. PROJECT TITLE Barracks | 5. PROJECT NUMBER 77265 |
|------------------------------|----------------------------|

12. SUPPLEMENTAL DATA: (Continued)

- A. Estimated Design Data: (Continued)
- (b) Where Most Recently Used:
Fort Bliss
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
- | | |
|---|-------|
| (a) Production of Plans and Specifications..... | 749 |
| (b) All Other Design Costs..... | 1,248 |
| (c) Total Design Cost..... | 1,997 |
| (d) Contract..... | 1,248 |
| (e) In-house..... | 749 |
- (4) Construction Contract Award..... JAN 2012
- (5) Construction Start..... APR 2012
- (6) Construction Completion..... APR 2014

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-------------------------------|--------------------------------|--|---------------------|
| NA | | | |

Installation Engineer: Hal K. Alguire
Phone Number: 719-526-4265

| | | | | | |
|--|-------------------------|--|---|------------------------|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Carson Colorado | | | 4. PROJECT TITLE Control Tower | | |
| 5. PROGRAM ELEMENT 22096A | 6. CATEGORY CODE 133 | 7. PROJECT NUMBER 77302 | 8. PROJECT COST (\$000) Auth 14,200 Approp 14,200 | | |
| 9. COST ESTIMATES | | | | | |
| ITEM | | UM (M/E) | QUANTITY | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | 10,565 |
| Airfield Operations Building | | m2 (SF) | 1,327 (14,280) | 3,753 | (4,979) |
| Flight Control Tower | | EA | 1 -- | 4689000 | (4,689) |
| Special Foundations | | LS | -- | -- | (364) |
| EMCS Connections | | LS | -- | -- | (61) |
| SDD and EPAct05 | | LS | -- | -- | (175) |
| Total from Continuation page | | | | | (297) |
| <u>SUPPORTING FACILITIES</u> | | | | | 1,745 |
| Electric Service | | LS | -- | -- | (319) |
| Water, Sewer, Gas | | LS | -- | -- | (420) |
| Paving, Walks, Curbs & Gutters | | LS | -- | -- | (180) |
| Storm Drainage | | LS | -- | -- | (266) |
| Site Imp(520) Demo() | | LS | -- | -- | (520) |
| Information Systems | | LS | -- | -- | (8) |
| Antiterrorism Measures | | LS | -- | -- | (32) |
| ESTIMATED CONTRACT COST | | | | | 12,310 |
| CONTINGENCY (5.00%) | | | | | 616 |
| SUBTOTAL | | | | | 12,926 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | 737 |
| DESIGN/BUILD - DESIGN COST | | | | | 517 |
| TOTAL REQUEST | | | | | 14,180 |
| TOTAL REQUEST (ROUNDED) | | | | | 14,200 |
| INSTALLED EQT-OTHER APPROP | | | | | (1,734) |
| 10. Description of Proposed Construction Construct an Airfield Flight Control Tower with an aviation operations building. Project includes special foundations, building information systems, connections to energy monitoring and control system, fire/smoke detection and alarm systems and connections to the installation central systems. Fire suppression systems will be provided. Supporting facilities include electric service, water, sewer and gas, paving, walks, curbs and gutters, parking, storm drainage, site work and information systems. Heating and air conditioning will be provided by self-contained systems. Access for individuals with disabilities will be provided. Antiterrorism measures include building setbacks and perimeter lighting. Air Conditioning (Estimated 9,155 kW/2,603 Tons). | | | | | |
| 11. REQ: 1,970 m2 | | ADQT: NONE | | SUBSTD: 837 m2 | |
| PROJECT: Construct a Airfield Flight Control Tower at Fort Carson, Colorado. (Current Mission) | | | | | |
| REQUIREMENT: The Airfield control tower is required to support the stationing of a Combat Aviation Brigade. | | | | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Carson, Colorado

| | |
|---------------------------------------|--------------------------------|
| 4. PROJECT TITLE Control Tower | 5. PROJECT NUMBER 77302 |
|---------------------------------------|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|----------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| Antiterrorism Measures | LS | -- | -- | (179) |
| Building Information Systems | LS | -- | -- | (118) |
| | | | Total | 297 |

CURRENT SITUATION: Adequate existing facilities are not available to support the stationing of a Combat Aviation Brigade. The existing facilities which support flight operations encroach on flight line safety setbacks. The current Air Traffic Control (ATC) Tower and Airfield Operations Building do not meet current standards. The two existing buildings were built in 1964. The existing Operations Building is approximately 42% of the requirement and the Air Traffic Control (ATC) Tower is far short of the required 90' in elevation. The buildings also infringe into the safety zone of the runway.

IMPACT IF NOT PROVIDED: If this project is not provided occupants of the ATC tower and the operations building will remain at risk. Aviation operations will be supported by antiquated facilities which curtail the ability to operate in all weather conditions. Since the existing tower is too short, there are locations which the aircraft are non-visible to the controllers; thereby, compromising safety.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

| | |
|--|----------|
| (a) Date Design Started..... | JUN 2010 |
| (b) Percent Complete As Of January 2011..... | 15.00 |
| (c) Date 35% Designed..... | JAN 2012 |
| (d) Date Design Complete..... | SEP 2012 |
| (e) Parametric Cost Estimating Used to Develop Costs | YES |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Carson, Colorado

| | |
|---------------------------------------|--------------------------------|
| 4. PROJECT TITLE Control Tower | 5. PROJECT NUMBER 77302 |
|---------------------------------------|--------------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (f) Type of Design Contract: Design-build

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

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

| | |
|---|-----|
| (a) Production of Plans and Specifications..... | 269 |
| (b) All Other Design Costs..... | 403 |
| (c) Total Design Cost..... | 672 |
| (d) Contract..... | 403 |
| (e) In-house..... | 269 |

- (4) Construction Contract Award..... JAN 2012

- (5) Construction Start..... APR 2012

- (6) Construction Completion..... OCT 2013

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| Control Tower Equipment | OPA | 2013 | 1,660 |
| IDS | OPA | 2013 | 20 |
| Info Sys - ISC | OPA | 2013 | 54 |
| | | TOTAL | 1,734 |

Installation Engineer: Hal K. Alguire
Phone Number: 719-526-4265

| | | | | | | |
|--|--|---|----------------------------|---|--|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Carson Colorado | | | | 4. PROJECT TITLE Aircraft Maintenance Hangar | | |
| 5. PROGRAM ELEMENT 22096A | | 6. CATEGORY CODE 211 | 7. PROJECT NUMBER 77306 | | 8. PROJECT COST (\$000) Auth 63,000 Approp 63,000 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 47,337 |
| Aircraft Maintenance Hangar | | m2 (SF) | 12,748 (137,217) | | 2,964 | (37,784) |
| Airfield Aprons | | m2 (SY) | 44,649 (53,400) | | 120.80 | (5,393) |
| Aircraft Washing Apron | | m2 (SY) | 978.27 (1,170) | | 117.21 | (115) |
| Special Foundations | | LS | -- | | -- | (2,742) |
| IDS Installation | | LS | -- | | -- | (54) |
| Total from Continuation page | | | | | | (1,249) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 7,773 |
| Electric Service | | LS | -- | | -- | (922) |
| Water, Sewer, Gas | | LS | -- | | -- | (1,399) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (1,587) |
| Storm Drainage | | LS | -- | | -- | (3,199) |
| Site Imp(576) Demo() | | LS | -- | | -- | (576) |
| Information Systems | | LS | -- | | -- | (7) |
| Antiterrorism Measures | | LS | -- | | -- | (83) |
| ESTIMATED CONTRACT COST | | | | | | 55,110 |
| CONTINGENCY (5.00%) | | | | | | 2,756 |
| SUBTOTAL | | | | | | 57,866 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 3,298 |
| DESIGN/BUILD - DESIGN COST | | | | | | 2,315 |
| TOTAL REQUEST | | | | | | 63,479 |
| TOTAL REQUEST (ROUNDED) | | | | | | 63,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10. Description of Proposed Construction Construct a standard design Division Aviation Support Maintenance Hangar for a Combat Aviation Brigade. Primary facilities include the standard design maintenance hangar, aircraft aprons, and aircraft wash aprons. Work will include building information systems, Intrusion Detection Systems (IDS) installation, Energy Monitoring and Control Systems (EMCS) connections, fire/smoke detection and alarm systems and connections to the installation central systems. Fire suppression systems will be provided. Supporting facilities include electric service, water, sewer and gas, paving, walks, curbs and gutters, parking, storm drainage, site work and exterior information systems. Heating and air conditioning will be provided by self-contained systems. Access for individuals with disabilities will be provided. Antiterrorism measures include building setbacks and perimeter lighting. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 9,155 kW/2,603 Tons). | | | | | | |
| 11. REQ: | | 29,773 m2 | | ADQT: | | NONE |
| | | | | SUBSTD: | | 20,412 m2 |
| PROJECT: Construct a standard design Aircraft Maintenance Hangar at Fort Carson, Colorado. (Current Mission) | | | | | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Carson, Colorado

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Aircraft Maintenance Hangar | 5. PROJECT NUMBER 77306 |
|---|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|----------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| EMCS Connections | LS | -- | -- | (331) |
| SDD and EPAct05 | LS | -- | -- | (756) |
| Building Information Systems | LS | -- | -- | (162) |
| | | | Total | 1,249 |

REQUIREMENT: This project is required to support the stationing of a Combat Aviation Brigade at Fort Carson. This facility is required to provide aircraft maintenance support to this unit.

CURRENT SITUATION: There are currently no maintenance hangar facilities located at the airfield. The other maintenance hangars are fully utilized and are substandard facilities. Aviation components will not have adequate facilities to use for operations to support additional helicopters from the incoming Combat Aviation Brigade.

IMPACT IF NOT PROVIDED: If this project is not provided, the Army will not be able to provide adequate permanent facilities to accomplish the stationing of a Combat Aviation Brigade.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2010
- (b) Percent Complete As Of January 2011..... 15.00
- (c) Date 35% Designed..... JAN 2012
- (d) Date Design Complete..... SEP 2012
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-build

| | | |
|----------------------|--|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|----------------------|--|------------------------|

3. INSTALLATION AND LOCATION
Fort Carson, Colorado

| | |
|---|----------------------------|
| 4. PROJECT TITLE Aircraft Maintenance Hangar | 5. PROJECT NUMBER 77306 |
|---|----------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Rucker

| | |
|---|---------|
| (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): | (\$000) |
| (a) Production of Plans and Specifications..... | 653 |
| (b) All Other Design Costs..... | 1,958 |
| (c) Total Design Cost..... | 2,611 |
| (d) Contract..... | 1,958 |
| (e) In-house..... | 653 |

(4) Construction Contract Award..... JAN 2012

(5) Construction Start..... APR 2012

(6) Construction Completion..... APR 2014

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

| <u>Equipment</u> <u>Nomenclature</u> | <u>Procuring</u> <u>Appropriation</u> | <u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u> | <u>Cost</u> <u>(\$000)</u> |
|---|--|--|-------------------------------|
|---|--|--|-------------------------------|

NA

Installation Engineer: Hal K. Alguire
Phone Number: 719-526-4265

| | | | | | |
|---|-------------------------|--|---|------------------------|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Carson Colorado | | | 4. PROJECT TITLE Aircraft Loading Area | | |
| 5. PROGRAM ELEMENT 22096A | 6. CATEGORY CODE 113 | 7. PROJECT NUMBER 77319 | 8. PROJECT COST (\$000) Auth 34,000 Approp 34,000 | | |
| 9. COST ESTIMATES | | | | | |
| ITEM | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | 23,352 |
| Aircraft Loading & Refuel Area | EA | 1 -- | | 8822471 | (8,822) |
| Land Vehicle Fueling Facility | OL | 10 -- | | 400,375 | (4,004) |
| Primary Roadway | m2 (SY) | 64,883 (77,600) | | 59.41 | (3,854) |
| Underground Electric Lines | EA | 1 -- | | 2954796 | (2,955) |
| Water Distribution Lines | m (LF) | 7,620 (25,000) | | 257.65 | (1,963) |
| Total from Continuation page | | | | | (1,754) |
| <u>SUPPORTING FACILITIES</u> | | | | | 6,834 |
| Information Systems | LS | -- | | -- | (6,703) |
| Antiterrorism Measures | LS | -- | | -- | (131) |
| ESTIMATED CONTRACT COST | | | | | 30,186 |
| CONTINGENCY (5.00%) | | | | | 1,509 |
| SUBTOTAL | | | | | 31,695 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | 1,807 |
| TOTAL REQUEST | | | | | 33,502 |
| TOTAL REQUEST (ROUNDED) | | | | | 34,000 |
| INSTALLED EQT-OTHER APPROP | | | | | (2,007) |
| 10. Description of Proposed Construction Construct infrastructure and utilities to support a standard Multi-Purpose (Heavy) Combat Aviation Brigade Complex to include Primary Roadway, Hot Refuel Point and Aircraft Loading Area, Land Vehicle Fueling Facility, underground electric lines, water distribution, sanitary sewer, and gas lines. Supporting facilities include information systems and antiterrorism measures. | | | | | |
| 11. REQ: 1 EA ADQT: NONE SUBSTD: NONE | | | | | |
| PROJECT: Construct Aircraft Loading Area to support a Combat Aviation Brigade Complex at Fort Carson, Colorado. (Current Mission) | | | | | |
| REQUIREMENT: This project is required to support the stationing of a Combat Aviation Brigade at Fort Carson. | | | | | |
| CURRENT SITUATION: Adequate existing facilities are not available to support this stationing action. There are no existing facilities suitable for use under these facility category codes meeting current standards. | | | | | |
| IMPACT IF NOT PROVIDED: If this project is not provided the Army will not have adequate permanent facilities to accomplish the stationing of a Combat Aviation Brigade at Fort Carson, Colorado. | | | | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Carson, Colorado

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Aircraft Loading Area | 5. PROJECT NUMBER 77319 |
|---|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|----------------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| Sanitary Sewer | EA | 1 -- | 1439857 | (1,440) |
| Gas Pipelines | m (LF) | 2,073 (6,800) | 103.23 | (214) |
| Antiterrorism Measures | LS | -- | -- | (100) |
| | | | Total | 1,754 |

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... OCT 2010
 - (b) Percent Complete As Of January 2011..... 10.00
 - (c) Date 35% Designed..... MAY 2011
 - (d) Date Design Complete..... OCT 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build
 - (2) Basis:
 - (a) Standard or Definitive Design: NO
 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 1,003
 - (b) All Other Design Costs..... 1,254
 - (c) Total Design Cost..... 2,257
 - (d) Contract..... 1,254
 - (e) In-house..... 1,003
 - (4) Construction Contract Award..... JAN 2012

| | | |
|----------------------|--|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|----------------------|--|------------------------|

3. INSTALLATION AND LOCATION
Fort Carson, Colorado

| | |
|---|----------------------------|
| 4. PROJECT TITLE Aircraft Loading Area | 5. PROJECT NUMBER 77319 |
|---|----------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(5) Construction Start..... APR 2012

(6) Construction Completion..... APR 2014

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| Info Sys - ISC | OPA | 2013 | 2,007 |
| | | TOTAL | <u>2,007</u> |

Installation Engineer: Hal K. Alguire
Phone Number: 719-526-4265

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2012
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

| STATE | INSTALLATION (COMMAND) | NEW/ | | | |
|---------------|------------------------------------|---------------|---------------|---------|-------|
| ----- PROJECT | ----- | AUTHORIZATION | APPROPRIATION | CURRENT | |
| NUMBER | PROJECT TITLE | REQUEST | REQUEST | MISSION | PAGE |
| ----- | ----- | ----- | ----- | ----- | ----- |
| Georgia | Fort Benning (IMCOM) | | | | 71 |
| 62953 | Rail Loading Facility | 13,600 | 13,600 | C | 73 |
| 69745 | Trainee Barracks Complex, Ph 3 | 23,000 | 23,000 | N | 77 |
| 75045 | Land Acquisition | 5,100 | 5,100 | C | 81 |
| 75046 | Land Acquisition | 25,000 | 25,000 | C | 84 |
| | Subtotal Fort Benning Part I | \$ 66,700 | 66,700 | | |
| | Fort Gordon (IMCOM) | | | | 87 |
| 71705 | Hand Grenade Familiarization Range | 1,450 | 1,450 | C | 89 |
| | Subtotal Fort Gordon Part I | \$ 1,450 | 1,450 | | |
| | Fort Stewart (IMCOM) | | | | 93 |
| 62728 | Dog Kennel | 2,600 | 2,600 | C | 95 |
| | Subtotal Fort Stewart Part I | \$ 2,600 | 2,600 | | |
| | * TOTAL MCA FOR Georgia | \$ 70,750 | 70,750 | | |

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|---|------------------------------------|---------------------------------------|---|---------------|--------------|--|------------------------|-----------|---------------|-------|------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROGRAM | | | | | 2. DATE 10 FEB 2011 | | | | |
| 3. INSTALLATION AND LOCATION Fort Benning Georgia | | | 4. COMMAND US Army Installation Management Command | | | 5. AREA CONSTRUCTION COST INDEX 0.94 | | | | | |
| 6. PERSONNEL STRENGTH: | | | | | | | | | | | |
| | | PERMANENT | | | STUDENTS | | | SUPPORTED | | | |
| | | OFFICER | ENLIST | CIVIL | OFFICER | ENLIST | CIVIL | OFFICER | ENLIST | CIVIL | TOTAL |
| A. | AS OF 05 NOV 2010 | 1752 | 11373 | 3216 | 1694 | 18040 | 0 | 74 | 568 | 8854 | 45,571 |
| B. | END FY 2016 | 1798 | 11254 | 4274 | 2283 | 20557 | 0 | 60 | 565 | 8535 | 49,326 |
| 7. INVENTORY DATA (\$000) | | | | | | | | | | | |
| A. TOTAL AREA..... | | 74,630 ha | | | (184,413 AC) | | | | | | |
| B. INVENTORY TOTAL AS OF 31 DEC 2010..... | | | | | | | | | | | 7,446,449 |
| C. AUTHORIZATION NOT YET IN INVENTORY..... | | | | | | | | | | | 1,341,428 |
| D. AUTHORIZATION REQUESTED IN THE FY 2012 PROGRAM..... | | | | | | | | | | | 66,700 |
| E. AUTHORIZATION INCLUDED IN THE FY 2013 PROGRAM..... | | | | | | | | | | | 49,900 |
| F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY)..... | | | | | | | | | | | 0 |
| G. REMAINING DEFICIENCY..... | | | | | | | | | | | 1,934,840 |
| H. GRAND TOTAL..... | | | | | | | | | | | 10,839,317 |
| 8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2012 PROGRAM: | | | | | | | | | | | |
| CATEGORY PROJECT | | | | PROJECT TITLE | | | COST | | DESIGN STATUS | | |
| CODE | NUMBER | | | | | | (\$000) | START | COMPLETE | | |
| 903 | 62953 | Rail Loading Facility | | | | | 13,600 | 11/2009 | 10/2011 | | |
| 721 | 69745 | Trainee Barracks Complex, Ph 3 | | | | | 23,000 | 04/2008 | 10/2011 | | |
| 911 | 75045 | Land Acquisition | | | | | 5,100 | 08/2010 | 10/2011 | | |
| 911 | 75046 | Land Acquisition | | | | | 25,000 | 08/2010 | 10/2011 | | |
| TOTAL | | | | | | | 66,700 | | | | |
| 9. FUTURE PROJECT APPROPRIATIONS: | | | | | | | | | | | |
| CATEGORY | | | | PROJECT TITLE | | | COST | | | | |
| CODE | | | | | | (\$000) | | | | | |
| A. INCLUDED IN THE FY 2013 PROGRAM: | | | | | | | | | | | |
| 730 | Chapel Sand Hill | | | | | 15,500 | | | | | |
| 911 | Land Acquisition | | | | | 24,000 | | | | | |
| 891 | Ground Source Heat Transfer System | | | | | 10,400 | | | | | |
| TOTAL | | | | | | | 49,900 | | | | |
| B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE | | | | | | | | | | | |
| C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): N/A | | | | | | | | | | | |
| 10. MISSION OR MAJOR FUNCTIONS: | | | | | | | | | | | |
| Provide the nation with the world's best trained Infantry and Armor Soldiers and adaptive leaders imbued with the Warrior Ethos; provide training capabilities and a Power Projection Platform capable of deploying, redeploying, and resetting Soldiers, civilians, and units anywhere in the world on short notice; and define required capabilities for Infantry and Armor to meet the needs of the Future Force. Provide support for the US Army Maneuver Center of Excellence (MCoE), which includes the Infantry, Armor, and MCoE NCO Schools; for major combat and combat support forces; for Martin Army Hospital and medical | | | | | | | | | | | |

| | | |
|----------------------|---------------------------------------|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | 2. DATE 10 FEB 2011 |
|----------------------|---------------------------------------|------------------------|

INSTALLATION AND LOCATION: Fort Benning, Georgia

10. MISSION OR MAJOR FUNCTIONS: (...CONTINUED)

clinics; for tenant and satellite activities and units, and for Reserve Components Training. Installation provides essential public safety and security services; sound stewardship of installation resources and the environment; services and programs to enable readiness; execute community and family support services and programs; and maintenance and improvements to the installation infrastructure.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

(\$000)

| | |
|-----------------------------------|---|
| A. AIR POLLUTION | 0 |
| B. WATER POLLUTION | 0 |
| C. OCCUPATIONAL SAFETY AND HEALTH | 0 |

| | | | | | | |
|---|--|--|----------------------------|---|---|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Benning Georgia | | | | 4. PROJECT TITLE Rail Loading Facility | | |
| 5. PROGRAM ELEMENT 85796A | | 6. CATEGORY CODE 903 | 7. PROJECT NUMBER 62953 | | 8. PROJECT COST (\$000) Auth 13,600 Approp 13,600 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 10,353 |
| Railroad Tracks | | km (MI) | 6.40 (3.98) | | 1512869 | (9,682) |
| Railroad Bridge | | m (LF) | 274.32 (900) | | 2,447 | (671) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 1,987 |
| Electric Service | | LS | -- | | -- | (524) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (253) |
| Storm Drainage | | LS | -- | | -- | (357) |
| Site Imp(853) Demo() | | LS | -- | | -- | (853) |
| ESTIMATED CONTRACT COST | | | | | | 12,340 |
| CONTINGENCY (5.00%) | | | | | | 617 |
| SUBTOTAL | | | | | | 12,957 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 739 |
| TOTAL REQUEST | | | | | | 13,696 |
| TOTAL REQUEST (ROUNDED) | | | | | | 13,600 |
| INSTALLED EQT-OTHER APPROP | | | | | | (0) |
| 10. Description of Proposed Construction Construct railroad tracks including ballast, and cross ties adjacent to the State of Georgia Department of Transportation (GADOT) right-of-Way railroad that lies within the Fort Benning Military reservation and south of the area known as "Ochillee Junction". Construct a crossover track, ballast, and cross ties and switching system between the Norfolk Southern Railroad Company railroad line and these storage tracks; construct a switch track adjacent to the Norfolk Southern Railroad. It will include acquisition of land for the purpose of constructing the project. The Secretary of the Army may acquire land for this project by purchase, exchange, donation or by other means which the Secretary of the Army determines that the interest acquired in the land is sufficient for the purposes of the project. Supporting facilities include access road to construction site, area lighting, electrical power to switching and signal systems, removal of existing track (ties and ballast as required), all required utilities and connections such as electrical distribution, and exterior lighting, fire protection and alarm systems, paving and site improvements, parking, roads, curbs and gutters, sidewalks, retaining walls, and storm water management. | | | | | | |
| 11. REQ: | | 10 km | ADQT: 2 km | | SUBSTD: | 8 km |
| PROJECT: Construct a rail loading area expansion at Fort Benning, Georgia. | | | | | | |

| | | |
|--|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Fort Benning, Georgia | | |
| 4. PROJECT TITLE Rail Loading Facility | 5. PROJECT NUMBER 62953 | |
| <p>PROJECT: (CONTINUED) (Current Mission)</p> <p><u>REQUIREMENT:</u> This project is required to provide adequate rail car storage capability (for approximately 286 rail cars) for Fort Benning in support of deployments and mobilization missions. The total requirement includes approximately 41 rail cars required to support the first day's loading requirements, a 60-car train assembly area, and 185 rail cars for the second day's requirement. This project is consistent with the requirements identified by the Defense Mobility Requirements Study (DMRS) and is part of the Army's Power Projection Platform (AP3) plan to meet contingency force deployment timelines.</p> <p><u>CURRENT SITUATION:</u> To support Army unit deployments, arriving empty rail cars are temporarily stored (as static storage) at rail yards in Columbus, Georgia (11.5 miles from Fort Benning's Ochillee Junction Rail Loading Facility) and Smiths, Alabama (28 miles from Ochillee Junction Rail Loading Facility). During recent deployments (in the past six months), cars have also been held in rail yards in Atlanta, Georgia (100+ miles from Fort Benning). These distances require additional transportation time and create delays in moving rail cars from static storage locations to the loading facility on Fort Benning. Fort Benning has minimal capabilities for storing static, temporary rail cars that are waiting loading operations of deploying units. The existing Army owned track dates from 1944, and most of this track lacks physical connectivity to the existing two railroad lines that traverse the installation.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, rail cars would continue to be stored at distances from 11.5 miles to over 100 miles from Fort Benning's rail loading facility. This separation will continue to cause additional transportation to the rail loading facility for deployments. The present rail car storage operation is inefficient by having dispersed locations in two states for rail car storage. Furthermore, this dispersion of storage sites only lengthens, not reduces, the time it takes to deploy contingency forces in accordance with the Army's Power Projection Platform (AP3) contingency force deployment timelines.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. No antiterrorism protection measures are required. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable</p> | | |

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|---|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Fort Benning, Georgia | | |
| 4. PROJECT TITLE Rail Loading Facility | 5. PROJECT NUMBER 62953 | |
| ADDITIONAL: (CONTINUED) | | |
| laws and Executive Orders. | | |
| 12. SUPPLEMENTAL DATA: | | |
| A. Estimated Design Data: | | |
| (1) Status: | | |
| (a) Date Design Started..... | | <u>NOV 2009</u> |
| (b) Percent Complete As Of January 2011..... | | <u>35.00</u> |
| (c) Date 35% Designed..... | | <u>JAN 2011</u> |
| (d) Date Design Complete..... | | <u>OCT 2011</u> |
| (e) Parametric Cost Estimating Used to Develop Costs | | <u>YES</u> |
| (f) Type of Design Contract: Design-bid-build | | |
| (2) Basis: | | |
| (a) Standard or Definitive Design: NO | | |
| (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000) | | |
| (a) Production of Plans and Specifications..... | | <u>265</u> |
| (b) All Other Design Costs..... | | <u>530</u> |
| (c) Total Design Cost..... | | <u>795</u> |
| (d) Contract..... | | <u>530</u> |
| (e) In-house..... | | <u>265</u> |
| (4) Construction Contract Award..... | | |
| JAN 2012 | | |
| (5) Construction Start..... | | |
| APR 2012 | | |
| (6) Construction Completion..... | | |
| JAN 2014 | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Fort Benning, Georgia

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Rail Loading Facility | 5. PROJECT NUMBER 62953 |
|---|--------------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| NONE | | | |

Installation Engineer: Craig Taylor, PE
Phone Number: 706.545.3155

| | | | | | | |
|---|--|--|----------------------------|--|---|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Benning Georgia | | | | 4. PROJECT TITLE Trainee Barracks Complex, Ph 3 | | |
| 5. PROGRAM ELEMENT 85796A | | 6. CATEGORY CODE 721 | 7. PROJECT NUMBER 69745 | | 8. PROJECT COST (\$000) Auth 23,000 Approp 23,000 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 17,403 |
| Basic Training Barracks Complex | | m2 (SF) | 6,131 (65,994) | | 1,959 | (12,011) |
| Central Issue Facility | | m2 (SF) | 3,790 (40,800) | | 1,243 | (4,712) |
| IDS Installation | | LS | -- | | -- | (38) |
| EMCS Connection | | LS | -- | | -- | (104) |
| SDD and EPAct05 | | LS | -- | | -- | (335) |
| Building Information Systems | | LS | -- | | -- | (203) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 2,872 |
| Electric Service | | LS | -- | | -- | (461) |
| Water, Sewer, Gas | | LS | -- | | -- | (156) |
| Steam And/Or Chilled Water Dist | | LS | -- | | -- | (171) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (549) |
| Storm Drainage | | LS | -- | | -- | (538) |
| Site Imp(891) Demo(16) | | LS | -- | | -- | (907) |
| Information Systems | | LS | -- | | -- | (90) |
| ESTIMATED CONTRACT COST | | | | | | 20,275 |
| CONTINGENCY (5.00%) | | | | | | 1,014 |
| SUBTOTAL | | | | | | 21,289 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 1,213 |
| TOTAL REQUEST | | | | | | 22,502 |
| TOTAL REQUEST (ROUNDED) | | | | | | 23,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10. Description of Proposed Construction This project is Phase 3 of a 3 Phase project. Phase 1, (PN 72322) was funded in FY2010 for \$74M project, Phase 2, (PN 72324) was requested in FY2011 for \$51M. This project, Phase 3, is for \$23M. Primary facilities include open-bay basic training barracks, Central Issue Facility (CIF), building information systems, fire protection and alarm systems, Intrusion Detection System (IDS) installation, and Energy Monitoring and Control Systems (EMCS) connection. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include site development, utilities and connections, lighting, paving, parking, walks, curbs and gutters, storm drainage, information systems, landscaping and signage. Heating and air conditioning will be provided by a self-contained system. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Comprehensive building and furnishings related interior design services are required. Demolish 1 building (TOTAL 153 m2/1,650 SF). Air Conditioning (Estimated 703 kW/200 Tons). | | | | | | |
| 11. REQ: | | 16,800 PN | ADQT: 9,892 PN | | SUBSTD: | NONE |
| PROJECT: Construct a Basic Training Complex, Phase 3 at Fort Benning, Georgia. (New Mission) | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Benning, Georgia

| | |
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| 4. PROJECT TITLE Trainee Barracks Complex, Ph 3 | 5. PROJECT NUMBER 69745 |
|--|--------------------------------|

REQUIREMENT: This project is required to provide adequate facilities to support the troop increase requested by the Secretary of Defense as part of the "Grow the Army" initiative. This project supports stationing of an additional Initial Entry Combat Training Battalion (IECTB) at Fort Benning as part of the increase in permanent end strength of the Army. Accordingly, additional facilities are necessary to command, house, feed and train Soldiers assigned to the five companies of this battalion.

CURRENT SITUATION: Currently, Fort Benning supports 50 companies of Initial Entry and Basic Training Soldiers in ten trainee barracks complexes located at Sand Hill. There are no adequate permanent barracks facilities available on Fort Benning to command, house, feed and train the additional five companies of Initial Entry Training Soldiers.

IMPACT IF NOT PROVIDED: If this project is not provided, the assignment of an additional Basic Training Battalion will require trainees to live and train in substandard and/or temporary facilities, which will have an adverse effect on morale, training absorption and potential retention.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

| | FY2010 (\$000) | FY2011 (\$000) | Requested FY2012 (\$000) |
|-----------------------------------|----------------|----------------|-----------------------------|
| Authorization | \$74,000 | \$51,000 | \$23,000 |
| Authorization of Appropriation | \$74,000 | \$51,000 | \$23,000 |
| Appropriation | \$74,000 | \$51,000 | \$23,000 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|----------------------------|------------------------------|-----------------|--|--------------|----------------------------|-----------------|-------------------------------|-----------------|--|------------|--|--|--|--|--|--|---|--|---|------------|---------------------------------|------------|----------------------------|------------|-------------------|------------|-------------------|------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. INSTALLATION AND LOCATION Fort Benning, Georgia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. PROJECT TITLE Trainee Barracks Complex, Ph 3 | 5. PROJECT NUMBER 69745 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>12. SUPPLEMENTAL DATA:</p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr><td>(a) Date Design Started.....</td><td><u>APR 2008</u></td></tr> <tr><td>(b) Percent Complete As Of January 2011.....</td><td><u>35.00</u></td></tr> <tr><td>(c) Date 35% Designed.....</td><td><u>JAN 2011</u></td></tr> <tr><td>(d) Date Design Complete.....</td><td><u>OCT 2011</u></td></tr> <tr><td>(e) Parametric Cost Estimating Used to Develop Costs</td><td><u>YES</u></td></tr> <tr><td>(f) Type of Design Contract: Adapt-Build</td><td></td></tr> <tr><td>(g) An energy study and life cycle cost analysis will be documented during the final design.</td><td></td></tr> </table> <p>(2) Basis:</p> <table border="0"> <tr><td>(a) Standard or Definitive Design: YES</td><td></td></tr> <tr><td>(b) Where Most Recently Used: Fort Benning</td><td></td></tr> </table> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table border="0"> <tr><td>(a) Production of Plans and Specifications.....</td><td><u>287</u></td></tr> <tr><td>(b) All Other Design Costs.....</td><td><u>442</u></td></tr> <tr><td>(c) Total Design Cost.....</td><td><u>729</u></td></tr> <tr><td>(d) Contract.....</td><td><u>442</u></td></tr> <tr><td>(e) In-house.....</td><td><u>287</u></td></tr> </table> <p>(4) Construction Contract Award..... <u>JAN 2012</u></p> <p>(5) Construction Start..... <u>APR 2012</u></p> <p>(6) Construction Completion..... <u>APR 2014</u></p> | | | (a) Date Design Started..... | <u>APR 2008</u> | (b) Percent Complete As Of January 2011..... | <u>35.00</u> | (c) Date 35% Designed..... | <u>JAN 2011</u> | (d) Date Design Complete..... | <u>OCT 2011</u> | (e) Parametric Cost Estimating Used to Develop Costs | <u>YES</u> | (f) Type of Design Contract: Adapt-Build | | (g) An energy study and life cycle cost analysis will be documented during the final design. | | (a) Standard or Definitive Design: YES | | (b) Where Most Recently Used: Fort Benning | | (a) Production of Plans and Specifications..... | <u>287</u> | (b) All Other Design Costs..... | <u>442</u> | (c) Total Design Cost..... | <u>729</u> | (d) Contract..... | <u>442</u> | (e) In-house..... | <u>287</u> |
| (a) Date Design Started..... | <u>APR 2008</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (b) Percent Complete As Of January 2011..... | <u>35.00</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (c) Date 35% Designed..... | <u>JAN 2011</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (d) Date Design Complete..... | <u>OCT 2011</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (e) Parametric Cost Estimating Used to Develop Costs | <u>YES</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (f) Type of Design Contract: Adapt-Build | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (g) An energy study and life cycle cost analysis will be documented during the final design. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (a) Standard or Definitive Design: YES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (b) Where Most Recently Used: Fort Benning | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (a) Production of Plans and Specifications..... | <u>287</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (b) All Other Design Costs..... | <u>442</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (c) Total Design Cost..... | <u>729</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (d) Contract..... | <u>442</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (e) In-house..... | <u>287</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Fort Benning, Georgia

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| 4. PROJECT TITLE Trainee Barracks Complex, Ph 3 | 5. PROJECT NUMBER 69745 |
|--|--------------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| NA | | | |

Installation Engineer: Craig Taylor
Phone Number: 706-545-3155

| | | | | | | |
|--|--|--|----------------------------|--------------------------------------|---|------------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Benning Georgia | | | | 4. PROJECT TITLE Land Acquisition | | |
| 5. PROGRAM ELEMENT 78018A | | 6. CATEGORY CODE 911 | 7. PROJECT NUMBER 75045 | | 8. PROJECT COST (\$000) Auth 5,100 Approp 5,100 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> Land Acquisition | | ha (AC) | 825.56 (2,040) | | 6,178 | 5,100 (5,100) |
| <u>SUPPORTING FACILITIES</u> | | | | | | |
| ESTIMATED CONTRACT COST | | | | | | 5,100 |
| CONTINGENCY (.00 %) | | | | | | 0 |
| SUBTOTAL | | | | | | 5,100 |
| SUPV, INSP & OVERHEAD (.00 %) | | | | | | 0 |
| TOTAL REQUEST | | | | | | 5,100 |
| TOTAL REQUEST (ROUNDED) | | | | | | 5,100 |
| INSTALLED EQT-OTHER APPROP | | | | | | (0) |
| 10. Description of Proposed Construction Acquire ownership of additional training lands contiguous to current Army owned land. There are multiple contiguous geographic areas in Georgia and Alabama that support the training land shortfall. Acreage to be acquired may result in existing real property relocation, disposal, or decommissioning. | | | | | | |
| 11. REQ: 115,953 ha ADQT: 23,346 ha SUBSTD: 50,494 ha PROJECT: Acquire ownership of training land acreage contiguous to Fort Benning, Georgia. (Current Mission) REQUIREMENT: The Army has determined that Fort Benning, Georgia has a doctrinal training land shortfall. The Army has determined that it can achieve the maximum training benefit by acquiring up to 82,800 acres of land to support heavy maneuver training for the Maneuver Center of Excellence (MCoE) and Fort Benning tenant units. Through this acquisition, Fort Benning will be able to support training of tenant units simultaneously. This acquisition and existing maneuver land will provide maneuver capability for two heavy maneuver battalions and elements of the Maneuver Center of Excellence (MCoE) to train simultaneously. | | | | | | |

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|---|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Fort Benning, Georgia | | |
| 4. PROJECT TITLE Land Acquisition | 5. PROJECT NUMBER 75045 | |
| <p><u>CURRENT SITUATION:</u> Fort Benning does not have adequate land to support both the Maneuver Center of Excellence (MCoE) and stationed unit training requirements. Only 57,690 acres of land are available for unrestricted heavy maneuver training. The MCoE requires 119,323 acres to support heavy maneuver training Programs of Instruction (POIs) in support of the training mission and 167,203 acres to support heavy maneuver training. Given this total heavy maneuver requirement of 286,526 acres, the total heavy maneuver acre shortfall at Fort Benning is 228,836 acres. Fort Benning has determined, however, that the maximum, feasible training benefit can be achieved by acquiring 82,800 acres of heavy maneuver land. The remaining shortfall will be mitigated through sustainable land management practices, coordinated range scheduling, and implementation of the Army Compatible Use Buffer Program to ensure full use of land assets already in the installation's inventory.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided there will be insufficient training land available to meet the Army's projected training needs. There will be an inability to meet the requirements of Army Force Generation (ARFORGEN) maneuver training in support of Combined Arms and Joint operations. There would be increased constraint on development options to meet present and future training requirements. There will be a decreased ability to rehabilitate or reclaim training lands due to heavy training coupled with increased maintenance time and costs. Environmental impact including increased erosion and possible water quality degradation due to greater training usage and decreased ability to support recovery of the RCW (red-cockaded woodpecker) and other threatened and endangered species as the training mission expands. Additionally, Fort Benning has a Jeopardy Biological Opinion which is part of the MCoE Environmental Impact Statement conducted on BRAC 05. This JBO states that the Army must migrate the Armor School's Army Reconnaissance Course off of Fort Benning's current footprint no later than five years after training begins at Fort Benning. The purchase of this land would be the preferred method of mitigation.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security measures are required. No antiterrorism protection measures are required. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p> | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Benning, Georgia

4. PROJECT TITLE

Land Acquisition

5. PROJECT NUMBER

75045

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

| | |
|--|-----------------|
| (a) Date Design Started..... | <u>AUG 2010</u> |
| (b) Percent Complete As Of January 2011..... | <u>15.00</u> |
| (c) Date 35% Designed..... | <u>MAR 2011</u> |
| (d) Date Design Complete..... | <u>OCT 2011</u> |
| (e) Parametric Cost Estimating Used to Develop Costs | <u>NO</u> |
| (f) Type of Design Contract: Other | |
| Land Acquisition | |

(2) Basis:

(a) Standard or Definitive Design: NO

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

| | |
|---|-------------------|
| (a) Production of Plans and Specifications..... | <u>255</u> |
| (b) All Other Design Costs..... | <u> </u> |
| (c) Total Design Cost..... | <u>255</u> |
| (d) Contract..... | <u> </u> |
| (e) In-house..... | <u>255</u> |

(4) Construction Contract Award..... JAN 2012

(5) Construction Start..... APR 2012

(6) Construction Completion..... APR 2013

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

| <u>Equipment</u> | <u>Procuring</u> | <u>Fiscal Year</u> | <u>Cost</u> |
|---------------------|----------------------|---------------------|---------------------|
| <u>Nomenclature</u> | <u>Appropriation</u> | <u>Appropriated</u> | <u>Or Requested</u> |
| | | <u>Or Requested</u> | <u>(\$000)</u> |

NONE

Installation Engineer: Craig Taylor, PE

Phone Number: 706-545-3155

| | | | | | |
|--|-------------------------|--|---|------------------------|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Benning Georgia | | | 4. PROJECT TITLE Land Acquisition | | |
| 5. PROGRAM ELEMENT 78018A | 6. CATEGORY CODE 911 | 7. PROJECT NUMBER 75046 | 8. PROJECT COST (\$000) Auth 25,000 Approp 25,000 | | |
| 9. COST ESTIMATES | | | | | |
| ITEM | | UM (M/E) | QUANTITY | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | 25,000 |
| Land Acquisition | | ha (AC) | 4,047 (10,000) | 6,178 | (25,000) |
| <u>SUPPORTING FACILITIES</u> | | | | | |
| ESTIMATED CONTRACT COST | | | | | 25,000 |
| CONTINGENCY (.00 %) | | | | | 0 |
| SUBTOTAL | | | | | 25,000 |
| SUPV, INSP & OVERHEAD (.00 %) | | | | | 0 |
| TOTAL REQUEST | | | | | 25,000 |
| TOTAL REQUEST (ROUNDED) | | | | | 25,000 |
| INSTALLED EQT-OTHER APPROP | | | | | (0) |
| 10. Description of Proposed Construction Acquire ownership of additional training lands contiguous to current Army owned land. There are multiple contiguous geographic areas in Georgia and Alabama that support the training land shortfall. Acreage to be acquired may result in existing real property relocation, disposal, or decommissioning. | | | | | |
| 11. REQ: 115,953 ha ADQT: 23,346 ha SUBSTD: 50,494 ha PROJECT: Acquire ownership of training land acreage contiguous to Fort Benning, Georgia. (Current Mission) REQUIREMENT: The Army has determined that Fort Benning, Georgia has a doctrinal training land shortfall. The Army has determined that it can achieve the maximum training benefit by acquiring up to 82,800 acres of land to support heavy maneuver training for the Maneuver Center of Excellence (MCoE) and Fort Benning tenant units. Through this acquisition, Fort Benning will be able to support training of tenant units simultaneously. This acquisition and existing maneuver land will provide maneuver capability for two heavy maneuver battalions and elements of the Maneuver Center of Excellence (MCoE) to train simultaneously. | | | | | |

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|---|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Fort Benning, Georgia | | |
| 4. PROJECT TITLE Land Acquisition | 5. PROJECT NUMBER 75046 | |
| <p><u>CURRENT SITUATION:</u> Fort Benning does not have adequate land to support both the Maneuver Center of Excellence (MCoE) and stationed unit training requirements. Only 57,690 acres of land are available for unrestricted heavy maneuver training. The MCoE requires 119,323 acres to support heavy maneuver training Programs of Instruction (POIs) in support of the training mission and 167,203 acres to support heavy maneuver training. Given this total heavy maneuver requirement of 286,526 acres, the total heavy maneuver acre shortfall at Fort Benning is 228,836 acres. Fort Benning has determined, however, that the maximum, feasible training benefit can be achieved by acquiring 82,800 acres of heavy maneuver land. The remaining shortfall will be mitigated through sustainable land management practices, coordinated range scheduling, and implementation of the Army Compatible Use Buffer Program to ensure full use of land assets already in the installation's inventory.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided there will be insufficient training land available to meet the Army's projected training needs. There will be an inability to meet the requirements of Army Force Generation (ARFORGEN) maneuver training in support of Combined Arms and Joint operations. There would be increased constraint on development options to meet present and future training requirements. There will be a decreased ability to rehabilitate or reclaim training lands due to heavy training coupled with increased maintenance time and costs. Environmental impact including increased erosion and possible water quality degradation due to greater training usage and decreased ability to support recovery of the RCW (red-cockaded woodpecker) and other threatened and endangered species as the training mission expands. Additionally, Fort Benning has a Jeopardy Biological Opinion which is part of the MCoE Environmental Impact Statement conducted on BRAC 05. This JBO states that the Army must migrate the Armor School's Army Reconnaissance Course off of Fort Benning's current footprint no later than five years after training begins at Fort Benning. The purchase of this land would be the preferred method of mitigation.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security measures are required. No antiterrorism protection measures are required. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p> | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Benning, Georgia

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Land Acquisition | 5. PROJECT NUMBER 75046 |
|--|--------------------------------|

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
- | | |
|--|-----------------|
| (a) Date Design Started..... | <u>AUG 2010</u> |
| (b) Percent Complete As Of January 2011..... | <u>15.00</u> |
| (c) Date 35% Designed..... | <u>MAR 2011</u> |
| (d) Date Design Complete..... | <u>OCT 2011</u> |
| (e) Parametric Cost Estimating Used to Develop Costs | <u>NO</u> |
| (f) Type of Design Contract: Other Land Acquisition | |
- (2) Basis:
- (a) Standard or Definitive Design: NO
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
- | | |
|---|-----------------|
| (a) Production of Plans and Specifications..... | <u>680</u> |
| (b) All Other Design Costs..... | <u> </u> |
| (c) Total Design Cost..... | <u>680</u> |
| (d) Contract..... | <u> </u> |
| (e) In-house..... | <u>680</u> |
- (4) Construction Contract Award..... JAN 2012
- (5) Construction Start..... APR 2012
- (6) Construction Completion..... APR 2013

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

| <u>Equipment</u> <u>Nomenclature</u> | <u>Procuring</u> <u>Appropriation</u> | <u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u> | <u>Cost</u> <u>(\$000)</u> |
|---|--|--|-------------------------------|
|---|--|--|-------------------------------|

NONE

Installation Engineer: Craig Taylor, PE
Phone Number: 706-545-3155

| | | | | | | | |
|---|---------------------------------------|---|------------------------|--|---------------|----------|----------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | | 2. DATE 10 FEB 2011 | | | | |
| 3. INSTALLATION AND LOCATION Fort Gordon Georgia | | 4. COMMAND US Army Installation Management Command | | 5. AREA CONSTRUCTION COST INDEX 0.92 | | | |
| 6. PERSONNEL STRENGTH: | | | | | | | |
| | PERMANENT | | STUDENTS | | SUPPORTED | | |
| | OFFICER | ENLIST | CIVIL | OFFICER | ENLIST | CIVIL | TOTAL |
| A. AS OF 05 NOV 2010 | 1399 | 5485 | 2401 | 753 | 5190 | 7 | 114 2303 5134 22,786 |
| B. END FY 2016 | 1383 | 5165 | 2707 | 780 | 4723 | 45 | 116 2327 4317 21,563 |
| 7. INVENTORY DATA (\$000) | | | | | | | |
| A. TOTAL AREA..... | 22,867 ha | | (56,505 AC) | | | | |
| B. INVENTORY TOTAL AS OF 31 DEC 2010..... | | | | | | | 2,719,440 |
| C. AUTHORIZATION NOT YET IN INVENTORY..... | | | | | | | 189,935 |
| D. AUTHORIZATION REQUESTED IN THE FY 2012 PROGRAM..... | | | | | | | 1,450 |
| E. AUTHORIZATION INCLUDED IN THE FY 2013 PROGRAM..... | | | | | | | 21,450 |
| F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY)..... | | | | | | | 0 |
| G. REMAINING DEFICIENCY..... | | | | | | | 554,784 |
| H. GRAND TOTAL..... | | | | | | | 3,487,059 |
| 8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2012 PROGRAM: | | | | | | | |
| CATEGORY PROJECT | | | | COST | DESIGN STATUS | | |
| CODE | NUMBER | PROJECT TITLE | | (\$000) | START | COMPLETE | |
| 178 | 71705 | Hand Grenade Familiarization Range | | 1,450 | 11/2009 | 06/2011 | |
| | | | | TOTAL | | | 1,450 |
| 9. FUTURE PROJECT APPROPRIATIONS: | | | | | | | |
| CATEGORY | | | | COST | | | |
| CODE | PROJECT TITLE | | | (\$000) | | | |
| A. INCLUDED IN THE FY 2013 PROGRAM: | | | | | | | |
| 178 | Automated Record Fire Range | | | 2,950 | | | |
| 178 | Qualification Training Range | | | 8,100 | | | |
| 891 | Ground Source Heat Transfer System | | | 10,400 | | | |
| | | | | TOTAL | | | 21,450 |
| B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE | | | | | | | |
| C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): | | | | | N/A | | |
| 10. MISSION OR MAJOR FUNCTIONS: | | | | | | | |
| <p>FT Gordon is home to numerous tenant units with diverse missions. Presently the largest is the US Army Signal Corps and includes the largest information technology and communications training school in the Armed Forces. The installation is also home to the SE Regional Medical Command, the SE Regional Veterinary Command, the SE Regional Dental Command, the Army's only Dental Laboratory, the 93rd Sig Bde (FORSCOM) - theater tactical communications, the Gordon Regional Security Operations Center (INSCOM) - one of three Joint CONUS-based intelligence platforms, the 513th MI Bde (INSCOM) - theater-level intelligence and security, and Reserve/National Guard units (359th Sig Bde, RTS-Med, 878th Engineers).</p> | | | | | | | |

| | | |
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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | 2. DATE 10 FEB 2011 |
|----------------------|---------------------------------------|------------------------|

INSTALLATION AND LOCATION: Fort Gordon, Georgia

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

| | |
|-----------------------------------|---------|
| | (\$000) |
| A. AIR POLLUTION | 0 |
| B. WATER POLLUTION | 0 |
| C. OCCUPATIONAL SAFETY AND HEALTH | 0 |

| | | | | | | |
|--|--|--|-------------------------------|---|--|--------------|
| 1.COMONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2.DATE 10 FEB 2011 | |
| 3.INSTALLATION AND LOCATION Fort Gordon Georgia | | | | 4.PROJECT TITLE Hand Grenade Familiarization Range | | |
| 5.PROGRAM ELEMENT 22212A | | 6.CATEGORY CODE 178 | 7.PROJECT NUMBER 71705 | | 8.PROJECT COST (\$000) Auth 1,450 Approp 1,450 | |
| 9.COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 1,093 |
| Hand Grenade Range | | FP | 4 -- | | 75,994 | (304) |
| Range Operations & Control Area | | EA | 1 -- | | 176,963 | (177) |
| Latrine | | m2 (SF) | 30.66 (330) | | 5,565 | (171) |
| Bleacher Enclosure | | EA | 1 -- | | 146,134 | (146) |
| Covered Mess | | m2 (SF) | 131.27 (1,413) | | 1,216 | (160) |
| Total from Continuation page | | | | | | (135) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 224 |
| Electric Service | | LS | -- | | -- | (135) |
| Storm Drainage | | LS | -- | | -- | (17) |
| Information Systems | | LS | -- | | -- | (72) |
| ESTIMATED CONTRACT COST | | | | | | 1,317 |
| CONTINGENCY (5.00%) | | | | | | 66 |
| SUBTOTAL | | | | | | 1,383 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 79 |
| TOTAL REQUEST | | | | | | 1,462 |
| TOTAL REQUEST (ROUNDED) | | | | | | 1,450 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10.Description of Proposed Construction Construct a standard design Hand Grenade Familiarization Range. Primary facilities include the Hand Grenade Familiarization Range, range operations and control area, latrine, bleacher enclosure, covered mess, ammunition breakdown building, and building information systems. Supporting facilities include electric service, storm drainage, and information systems. | | | | | | |
| 11. REQ: 4 FP ADQT: NONE SUBSTD: NONE | | | | | | |
| PROJECT: Construct a standard design Hand Grenade Familiarization Range at Fort Gordon, Georgia. (Current Mission) | | | | | | |
| REQUIREMENT: This project is required to train and test individual Soldiers in the employment of live fragmentation grenades to current Army standards for assigned missions at Fort Gordon. | | | | | | |
| CURRENT SITUATION: Currently Fort Gordon does not have an existing training area that meets the requirements needed for a standard Hand Grenade Familiarization Range. The mission of combat readiness is hindered due to lack of adequate training areas. | | | | | | |
| IMPACT IF NOT PROVIDED: If this project is not provided, the installation will not be able to properly train Soldiers in hand grenade usage. Units will not train to standard. Ultimately Soldiers may enter future combat less than | | | | | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Gordon, Georgia

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Hand Grenade Familiarization Range | 5. PROJECT NUMBER 71705 |
|--|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|--------------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| Ammunition Breakdown Building | m2 (SF) | 17.19 (185) | 6,537 | (112) |
| Building Information Systems | LS | -- | -- | (23) |
| | | | Total | 135 |

IMPACT IF NOT PROVIDED: (CONTINUED)

fully prepared to employ the full capabilities of their weapons and equipment. ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... NOV 2009
- (b) Percent Complete As Of January 2011..... 35.00
- (c) Date 35% Designed..... SEP 2010
- (d) Date Design Complete..... JUN 2011
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Sill

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

- (a) Production of Plans and Specifications..... 65
- (b) All Other Design Costs..... 210

| | | |
|----------------------|--|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|----------------------|--|------------------------|

3. INSTALLATION AND LOCATION
Fort Gordon, Georgia

| | |
|--|----------------------------|
| 4. PROJECT TITLE Hand Grenade Familiarization Range | 5. PROJECT NUMBER 71705 |
|--|----------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

| | |
|--------------------------------------|----------|
| (c) Total Design Cost..... | 275 |
| (d) Contract..... | 200 |
| (e) In-house..... | 75 |
| (4) Construction Contract Award..... | JAN 2012 |
| (5) Construction Start..... | APR 2012 |
| (6) Construction Completion..... | APR 2013 |

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

| <u>Equipment</u> <u>Nomenclature</u> | <u>Procuring</u> <u>Appropriation</u> | <u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u> | <u>Cost</u> <u>(\$000)</u> |
|---|--|--|-------------------------------|
| NA | | | |

Installation Engineer: Carlton Shuford
Phone Number: (706) 791-6376

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|--|---------------------------------------|---------------|---|--------------|---------------|---|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | | | | | | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Fort Stewart Georgia | | | 4. COMMAND US Army Installation Management Command | | | 5. AREA CONSTRUCTION COST INDEX 0.87 | |
| 6. PERSONNEL STRENGTH: | | | | | | | |
| | PERMANENT | | STUDENTS | | SUPPORTED | | |
| | OFFICER | ENLIST CIVIL | OFFICER | ENLIST CIVIL | OFFICER | ENLIST CIVIL TOTAL | |
| A. AS OF 05 NOV 2010 | 1948 | 14921 2078 | 0 | 244 | 0 | 743 2239 3479 25,652 | |
| B. END FY 2016 | 1926 | 14611 2383 | 0 | 168 | 0 | 733 2216 3479 25,516 | |
| 7. INVENTORY DATA (\$000) | | | | | | | |
| A. TOTAL AREA..... | 115,381 ha | | (285,111 AC) | | | | |
| B. INVENTORY TOTAL AS OF 31 DEC 2010..... | | | | | 5,618,152 | | |
| C. AUTHORIZATION NOT YET IN INVENTORY..... | | | | | 1,340,062 | | |
| D. AUTHORIZATION REQUESTED IN THE FY 2012 PROGRAM..... | | | | | 2,600 | | |
| E. AUTHORIZATION INCLUDED IN THE FY 2013 PROGRAM..... | | | | | 236,650 | | |
| F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY)..... | | | | | 0 | | |
| G. REMAINING DEFICIENCY..... | | | | | 902,088 | | |
| H. GRAND TOTAL..... | | | | | 8,099,552 | | |
| 8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2012 PROGRAM: | | | | | | | |
| CATEGORY PROJECT | | PROJECT TITLE | | COST | DESIGN STATUS | | |
| CODE | NUMBER | | | (\$000) | START | COMPLETE | |
| 141 | 62728 | Dog Kennel | | 2,600 | 09/2010 | 03/2012 | |
| TOTAL | | | | 2,600 | | | |
| 9. FUTURE PROJECT APPROPRIATIONS: | | | | | | | |
| CATEGORY | | PROJECT TITLE | | COST | | | |
| CODE | | | | (\$000) | | | |
| A. INCLUDED IN THE FY 2013 PROGRAM: | | | | | | | |
| 171 | Range Control Facility | | | 8,500 | | | |
| 178 | Digital Multipurpose Training Range | | | 17,000 | | | |
| 178 | Modified Record Fire Range | | | 5,500 | | | |
| 141 | Combat Aviation Brigade Complex, Ph 1 | | | 160,000 | | | |
| 740 | Soldier Family Support Center | | | 20,000 | | | |
| 178 | Automated Combat Pistol Qual Crse | | | 2,250 | | | |
| 179 | Convoy Live Fire Range | | | 3,400 | | | |
| 141 | UAS | | | 20,000 | | | |
| TOTAL | | | | 236,650 | | | |
| B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE | | | | | | | |
| C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): N/A | | | | | | | |

| | | |
|----------------------|---------------------------------------|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | 2. DATE 10 FEB 2011 |
|----------------------|---------------------------------------|------------------------|

INSTALLATION AND LOCATION: Fort Stewart, Georgia

10. MISSION OR MAJOR FUNCTIONS:

Fort Stewart Mission: Provide the nation's Armed Forces with a sustaining base and a power projection platform in support of National Security Objectives. Major functions include: exercise command and control; provide for public safety and security; provide sound stewardship of installation resources and the environment; provide services/programs to enable readiness; execute community and family support services and programs; maintain and improve installation infrastructure.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

| | |
|-----------------------------------|---------|
| | (\$000) |
| A. AIR POLLUTION | 0 |
| B. WATER POLLUTION | 0 |
| C. OCCUPATIONAL SAFETY AND HEALTH | 0 |

| | | | | | | |
|--|--|--|-------------------------------|-------------------------------|--|--------------|
| 1.COMONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2.DATE 10 FEB 2011 | |
| 3.INSTALLATION AND LOCATION Fort Stewart Georgia | | | | 4.PROJECT TITLE Dog Kennel | | |
| 5.PROGRAM ELEMENT 22096A | | 6.CATEGORY CODE 141 | 7.PROJECT NUMBER 62728 | | 8.PROJECT COST (\$000) Auth 2,600 Approp 2,600 | |
| 9.COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| PRIMARY FACILITY | | | | | | 1,645 |
| Dog Kennel w/ Admin Facility | | m2 (SF) | 661 (7,115) | | 2,183 | (1,443) |
| Storage Sheds, Covered | | m2 (SF) | 74.32 (800) | | 284.07 | (21) |
| Exercise Area | | m2 (SF) | 136.47 (1,469) | | 170.40 | (23) |
| Obstacle Course | | m2 (SY) | 2,090 (2,500) | | 18.93 | (40) |
| Explosive Pad | | m2 (SF) | 37.16 (400) | | 170.40 | (6) |
| Total from Continuation page | | | | | | (112) |
| SUPPORTING FACILITIES | | | | | | 616 |
| Electric Service | | LS | -- | | -- | (113) |
| Water, Sewer, Gas | | LS | -- | | -- | (73) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (138) |
| Storm Drainage | | LS | -- | | -- | (36) |
| Site Imp(88) Demo(7) | | LS | -- | | -- | (95) |
| Information Systems | | LS | -- | | -- | (121) |
| Antiterrorism Measures | | LS | -- | | -- | (40) |
| ESTIMATED CONTRACT COST | | | | | | 2,261 |
| CONTINGENCY (5.00%) | | | | | | 113 |
| SUBTOTAL | | | | | | 2,374 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 135 |
| DESIGN/BUILD - DESIGN COST | | | | | | 95 |
| TOTAL REQUEST | | | | | | 2,604 |
| TOTAL REQUEST (ROUNDED) | | | | | | 2,600 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10.Description of Proposed Construction Construct a Military Working Dog (MWD) Kennel Complex to house 24 dogs. Primary facilities will include an administration area with offices, veterinary treatment room with quarantine kennel, tack room, food storage room, and locker room with latrines and shower; indoor/outdoor kennel area for 24 dogs with a food prep area, indoor/outdoor dog runs with guillotine doors, floor drains and dog houses; MWD exercise area, obstacle course, explosive pad, storage sheds, installation of Intrusion Detection System (IDS), connection to Energy Monitoring and Control System (EMCS), and building information systems. Support facilities include utilities, site improvements and parking. Access for individuals with disabilities will be provided. Comprehensive building furnishing related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Demolish 2 buildings (TOTAL 306 m2/3,294 SF). | | | | | | |
| 11. REQ: | | 661 m2 | ADQT: NONE | | SUBSTD: | 190 m2 |
| PROJECT: Construct a Military Working Dog Kennel Complex at Fort Stewart, Georgia. (Current Mission) | | | | | | |

| | | |
|-----------------------------|--|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|-----------------------------|--|------------------------|

3. INSTALLATION AND LOCATION
Fort Stewart, Georgia

| | |
|--------------------------------|----------------------------|
| 4. PROJECT TITLE Dog Kennel | 5. PROJECT NUMBER 62728 |
|--------------------------------|----------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|----------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| IDS Installation | LS | -- | -- | (9) |
| EMCS Connection | LS | -- | -- | (10) |
| SDD and EPAct05 | LS | -- | -- | (36) |
| Antiterrorism Measures | LS | -- | -- | (40) |
| Building Information Systems | LS | -- | -- | (17) |
| | | | Total | 112 |

REQUIREMENT: This project is required to maintain and train the MWD's at Fort Stewart, GA. MWD's provide explosive and narcotic detection capability and Military Police Patrol support to Fort Stewart and US Army Forces Command (FORSCOM).

CURRENT SITUATION: Current facility is dilapidated, undersized and no longer suitable to house MWDs and their handlers. The Kennel Support building was built in 1941 and renovated in 1990. The roof leaks, putting equipment and the dogs at risk. Repetitive water damage has led to mildew and mold to permeate the walls. The mold is a known health hazard. Many of the kennel doors are unserviceable. Paint is chipping off the concrete walls and the ceiling is falling in at several locations. There is not dedicated quarantine or isolation area for sick MWDs. The security fence surrounding the obstacle course is falling over. It is also 2 feet shorter than required in order to contain the dogs.

IMPACT IF NOT PROVIDED: If this project is not provided, Fort Stewart will lose MWD's support for the installation and FORSCOM. Without Explosive Detector MWD's, Fort Stewart cannot fully implement all the necessary force protection measures to keep Soldiers and Family members safe.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

| | | |
|---|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Fort Stewart, Georgia | | |
| 4. PROJECT TITLE Dog Kennel | 5. PROJECT NUMBER 62728 | |

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... SEP 2010
 - (b) Percent Complete As Of January 2011..... 5.00
 - (c) Date 35% Designed..... JAN 2012
 - (d) Date Design Complete..... MAR 2012
 - (e) Parametric Cost Estimating Used to Develop Costs NO
 - (f) Type of Design Contract: Design-build

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

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 90
 - (b) All Other Design Costs..... 45
 - (c) Total Design Cost..... 135
 - (d) Contract..... 90
 - (e) In-house..... 45

- (4) Construction Contract Award..... JAN 2012

- (5) Construction Start..... APR 2012

- (6) Construction Completion..... APR 2013

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Stewart, Georgia

| | |
|------------------------------------|--------------------------------|
| 4. PROJECT TITLE Dog Kennel | 5. PROJECT NUMBER 62728 |
|------------------------------------|--------------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| NA | | | |

Installation Engineer: Michael W. Biering
Phone Number: 912-767-8356

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2012
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

| STATE | INSTALLATION (COMMAND) | NEW/ | | | |
|---------------|---------------------------------------|---------------|---------------|---------|-------|
| ----- PROJECT | ----- | AUTHORIZATION | APPROPRIATION | CURRENT | |
| NUMBER | PROJECT TITLE | REQUEST | REQUEST | MISSION | PAGE |
| ----- | ----- | ----- | ----- | ----- | ----- |
| Hawaii | Schofield Barracks (IMCOM) | | | | 101 |
| 59581 | Centralized Wash Facility | 32,000 | 32,000 | C | 103 |
| 69489 | Combat Aviation Brigade Complex, Ph 1 | 73,000 | 73,000 | C | 106 |
| | Subtotal Schofield Barracks Part I | \$ 105,000 | 105,000 | | |
| | Fort Shafter (IMCOM) | | | | 111 |
| 64967 | Child Development Center | 17,500 | 17,500 | C | 113 |
| | Subtotal Fort Shafter Part I | \$ 17,500 | 17,500 | | |
| | * TOTAL MCA FOR Hawaii | \$ 122,500 | 122,500 | | |

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|--|---|---------------------------------------|-----------------------------------|---------|--------|--|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | | | | | | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Schofield Barracks Hawaii | | | 4. COMMAND US Army Pacific | | | 5. AREA CONSTRUCTION COST INDEX 2.10 | |
| 6. PERSONNEL STRENGTH: | | | | | | | |
| | PERMANENT | | STUDENTS | | | SUPPORTED | |
| | OFFICER | ENLIST | CIVIL | OFFICER | ENLIST | CIVIL | TOTAL |
| A. AS OF 05 NOV 2010 | 2030 | 14441 | 2169 | 0 | 105 | 0 | 361 2778 4105 25,989 |
| B. END FY 2016 | 1956 | 14165 | 2107 | 0 | 80 | 0 | 351 2756 3944 25,359 |
| 7. INVENTORY DATA (\$000) | | | | | | | |
| A. TOTAL AREA..... | 75,861 ha | | (187,457 AC) | | | | |
| B. INVENTORY TOTAL AS OF 31 DEC 2010..... | | | | | | | 11,796,672 |
| C. AUTHORIZATION NOT YET IN INVENTORY..... | | | | | | | 1,822,357 |
| D. AUTHORIZATION REQUESTED IN THE FY 2012 PROGRAM..... | | | | | | | 105,000 |
| E. AUTHORIZATION INCLUDED IN THE FY 2013 PROGRAM..... | | | | | | | 356,000 |
| F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY)..... | | | | | | | 0 |
| G. REMAINING DEFICIENCY..... | | | | | | | 2,363,693 |
| H. GRAND TOTAL..... | | | | | | | 16,443,722 |
| 8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2012 PROGRAM: | | | | | | | |
| CATEGORY | PROJECT | | | | | COST | DESIGN STATUS |
| CODE | NUMBER | PROJECT TITLE | | | | (\$000) | START COMPLETE |
| 149 | 59581 | Centralized Wash Facility | | | | 32,000 | 09/2009 10/2011 |
| 842 | 69489 | Combat Aviation Brigade Complex, Ph 1 | | | | 73,000 | 10/2010 10/2011 |
| TOTAL | | | | | | 105,000 | |
| 9. FUTURE PROJECT APPROPRIATIONS: | | | | | | | |
| CATEGORY | | | | | | COST | |
| CODE | PROJECT TITLE | | | | | (\$000) | |
| A. INCLUDED IN THE FY 2013 PROGRAM: | | | | | | | |
| 141 | Stryker Brigade Combat Team Complex, Ph 1 | | | | | 65,000 | |
| 721 | WBR Ph 5A Quad B | | | | | 54,000 | |
| 721 | Barracks | | | | | 76,000 | |
| 721 | Whole Barracks Repair Quad B, Ph 2B | | | | | 26,000 | |
| 721 | Whole Barracks Repair Quad B, Ph 2C | | | | | 49,000 | |
| 721 | Combat Aviation Brigade Complex, Ph 9 | | | | | 86,000 | |
| TOTAL | | | | | | 356,000 | |
| B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE | | | | | | | |
| C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): | | | | | | N/A | |

| | | |
|----------------------|---------------------------------------|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | 2. DATE 10 FEB 2011 |
|----------------------|---------------------------------------|------------------------|

INSTALLATION AND LOCATION: Schofield Barracks, Hawaii

10. MISSION OR MAJOR FUNCTIONS:

Schofield Barracks garrisons the 25th Infantry Division (Light), United States Army Hawaii and their supporting organizations including 45th Corps Support Group and U.S. Army Military Police Brigade - Hawaii. It provides on-post Army Family Housing (RCI units) for approximately 3400 families. Support includes training ranges, and maneuver areas, and it is a mobilization station for the 9th Regional Readiness Command and Hawaii National Guard.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

| | (\$000) |
|-----------------------------------|---------|
| A. AIR POLLUTION | 0 |
| B. WATER POLLUTION | 0 |
| C. OCCUPATIONAL SAFETY AND HEALTH | 0 |

| | | | | | | |
|--|--|--|-------------------------------|--|--|--------------|
| 1.COMONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2.DATE 10 FEB 2011 | |
| 3.INSTALLATION AND LOCATION Schofield Barracks Hawaii | | | | 4.PROJECT TITLE Centralized Wash Facility | | |
| 5.PROGRAM ELEMENT 22096A | | 6.CATEGORY CODE 149 | 7.PROJECT NUMBER 59581 | | 8.PROJECT COST (\$000) Auth 32,000 Approp 32,000 | |
| 9.COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 19,231 |
| Centralized Wash Facility | | EA | 1 -- | | 17437322 | (17,437) |
| Water and Grit Separator | | L/d(KG) | 2,290 (605) | | 747.34 | (1,712) |
| Gravity Oil & Grease Separator | | EA | 1 -- | | 42,367 | (42) |
| EMCS Connection | | LS | -- | | -- | (4) |
| SDD and EPAct05 | | LS | -- | | -- | (13) |
| Building Information Systems | | LS | -- | | -- | (23) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 9,826 |
| Electric Service | | LS | -- | | -- | (1,355) |
| Water, Sewer, Gas | | LS | -- | | -- | (4,904) |
| Storm Drainage | | LS | -- | | -- | (1,529) |
| Site Imp(1,703) Demo(89) | | LS | -- | | -- | (1,792) |
| Information Systems | | LS | -- | | -- | (246) |
| ESTIMATED CONTRACT COST | | | | | | 29,057 |
| CONTINGENCY (5.00%) | | | | | | 1,453 |
| SUBTOTAL | | | | | | 30,510 |
| SUPV, INSP & OVERHEAD (6.50%) | | | | | | 1,983 |
| TOTAL REQUEST | | | | | | 32,493 |
| TOTAL REQUEST (ROUNDED) | | | | | | 32,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10.Description of Proposed Construction Construct a Central Vehicle Wash Facility (CVWF). The project will include the central wash facility, preparation area, pre-wash control, vehicle maintenance wash facility with wash bays and an assembly area. The wash facilities will include pump houses, water recycle and distribution system, combination control and latrine building, grit and oil chambers, and a filter/sedimentation basin. Supporting facilities include utilities, electric service, exterior lighting for security and night time washing operations, sanitary and industrial waste systems, paving, walks, curbs, gutters, parking, storm drainage and erosion control measures, building information systems, fencing, and signage. Connections to Energy Monitoring and Control systems (EMCS) are required. Access for persons with disabilities will be provided. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning of administrative area will be provided by self-contained system. Demolish 2 buildings (TOTAL 36 m2/384 SF). Air Conditioning (Estimated 14 kW/4 Tons). | | | | | | |
| 11. REQ: | | 4 EA | ADQT: NONE | | SUBSTD: | 1 EA |
| PROJECT: Construct a Central Vehicle Wash Facility at Schofield Barracks, Hawaii. (Current Mission) | | | | | | |

| | | | | | | | | | | | | | | | | |
|--|--|----------------------------|------------------------------|----------|--|-------|----------------------------|----------|-------------------------------|----------|--|-----|---|--|--|--|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 | | | | | | | | | | | | | | |
| 3. INSTALLATION AND LOCATION Schofield Barracks, Hawaii | | | | | | | | | | | | | | | | |
| 4. PROJECT TITLE Centralized Wash Facility | 5. PROJECT NUMBER 59581 | | | | | | | | | | | | | | | |
| <p><u>REQUIREMENT:</u> The project is required to support the maintenance and operations for tactical vehicles stationed on Oahu, Hawaii. There are currently no CVWFs on the installation that can accommodate the current and projected inventory of tactical vehicles. The vehicles must be thoroughly cleaned and maintained in order to meet rapid deployment standards.</p> <p><u>CURRENT SITUATION:</u> There is only one central vehicle wash facility currently available for Army use. This facility must be shared by all units having tactical vehicles. The capacity at this facility is insufficient to keep up with the frequency of planned maintenance requirements for vehicle and equipment washing. This aging facility often has broken wash stations creating a backlog. There are no commercial vehicle wash facilities available.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the inability to meet deployment standards will have an adverse effect on the rapid deployment capability of the units stationed on Oahu. Additionally, tactical vehicles will continue to be cleaned within the current maintenance facility, which lacks water recycle systems and which discharges the contaminated run-off into the surrounding soil and waste treatment plant. This will cause serious environmental impacts. It will also have negative effects on the units' ability to train, maintain their vehicles, and deploy.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. No antiterrorism protection measures are required. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p> | | | | | | | | | | | | | | | | |
| <p>12. <u>SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table data-bbox="321 1612 1328 1869"> <tr> <td>(a) Date Design Started.....</td> <td>SEP 2009</td> </tr> <tr> <td>(b) Percent Complete As Of January 2011.....</td> <td>35.00</td> </tr> <tr> <td>(c) Date 35% Designed.....</td> <td>JAN 2011</td> </tr> <tr> <td>(d) Date Design Complete.....</td> <td>OCT 2011</td> </tr> <tr> <td>(e) Parametric Cost Estimating Used to Develop Costs</td> <td>YES</td> </tr> <tr> <td>(f) Type of Design Contract: Design-bid-build</td> <td></td> </tr> <tr> <td colspan="2">(g) An energy study and life cycle cost analysis will be documented during the final design.</td> </tr> </table> | | | (a) Date Design Started..... | SEP 2009 | (b) Percent Complete As Of January 2011..... | 35.00 | (c) Date 35% Designed..... | JAN 2011 | (d) Date Design Complete..... | OCT 2011 | (e) Parametric Cost Estimating Used to Develop Costs | YES | (f) Type of Design Contract: Design-bid-build | | (g) An energy study and life cycle cost analysis will be documented during the final design. | |
| (a) Date Design Started..... | SEP 2009 | | | | | | | | | | | | | | | |
| (b) Percent Complete As Of January 2011..... | 35.00 | | | | | | | | | | | | | | | |
| (c) Date 35% Designed..... | JAN 2011 | | | | | | | | | | | | | | | |
| (d) Date Design Complete..... | OCT 2011 | | | | | | | | | | | | | | | |
| (e) Parametric Cost Estimating Used to Develop Costs | YES | | | | | | | | | | | | | | | |
| (f) Type of Design Contract: Design-bid-build | | | | | | | | | | | | | | | | |
| (g) An energy study and life cycle cost analysis will be documented during the final design. | | | | | | | | | | | | | | | | |

| | | |
|----------------------|--|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|----------------------|--|------------------------|

3. INSTALLATION AND LOCATION
Schofield Barracks, Hawaii

| | |
|---|----------------------------|
| 4. PROJECT TITLE Centralized Wash Facility | 5. PROJECT NUMBER 59581 |
|---|----------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(2) Basis:

(a) Standard or Definitive Design: NO

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

(a) Production of Plans and Specifications..... 1,221

(b) All Other Design Costs..... 1,527

(c) Total Design Cost..... 2,748

(d) Contract..... 1,527

(e) In-house..... 1,221

(4) Construction Contract Award..... JAN 2012

(5) Construction Start..... APR 2012

(6) Construction Completion..... APR 2014

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-------------------------------|--------------------------------|--|---------------------|
| NA | | | |

Installation Engineer: Alan Goo
Phone Number: 808-656-1288

| | | | | | |
|---|-------------------------|--|---|------------------------|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Schofield Barracks Hawaii | | | 4. PROJECT TITLE Combat Aviation Brigade Complex, Ph 1 | | |
| 5. PROGRAM ELEMENT 22096A | 6. CATEGORY CODE 842 | 7. PROJECT NUMBER 69489 | 8. PROJECT COST (\$000) Auth 73,000 Approp 73,000 | | |
| 9. COST ESTIMATES | | | | | |
| ITEM | | UM (M/E) | QUANTITY | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | 42,971 |
| Water, Sewer and Gas | | LS | -- | -- | (12,333) |
| Storm Drainage | | LS | -- | -- | (6,157) |
| Underground Electric Lines | | LS | -- | -- | (9,204) |
| Roads, Walks, Curbs & Gutters | | LS | -- | -- | (5,659) |
| Hot Refuel Point w/ Storage | | LS | -- | -- | (5,647) |
| Total from Continuation page | | | | | (3,971) |
| <u>SUPPORTING FACILITIES</u> | | | | | 22,715 |
| Site Imp(18,436) Demo() | | LS | -- | -- | (18,436) |
| Information Systems | | LS | -- | -- | (4,279) |
| ESTIMATED CONTRACT COST | | | | | 65,686 |
| CONTINGENCY (5.00%) | | | | | 3,284 |
| SUBTOTAL | | | | | 68,970 |
| SUPV, INSP & OVERHEAD (6.50%) | | | | | 4,483 |
| TOTAL REQUEST | | | | | 73,453 |
| TOTAL REQUEST (ROUNDED) | | | | | 73,000 |
| INSTALLED EQT-OTHER APPROP | | | | | (3,152) |
| 10. Description of Proposed Construction This project consists of multiple phases. This project is Phase 1 for \$73M. The remaining phases will be planned and programmed in future Army program years. This phase will provide infrastructure for the subsequent phases. This infrastructure project includes: electrical systems (power and communications); water systems (including distribution lines for future irrigation systems); grading; drainage systems; sewer systems (gravity and pressure); roadway systems; fuel systems; erosion control. The project also included renovation of a remote switch center, building information systems, and relocation of an aviation refuel point with access taxiways. Supporting facilities include site improvements and information systems. | | | | | |
| 11. REQ: 345,261 m ADQT: 308,503 m SUBSTD: 128 m | | | | | |
| PROJECT: Construct a Combat Aviation Brigade Complex, Phase 1 at Wheeler Army Airfield, Hawaii. (Current Mission) | | | | | |
| REQUIREMENT: This project is required to provide infrastructure for future facilities for a Combat Aviation Brigade (CAB) at Wheeler Army Airfield. | | | | | |
| CURRENT SITUATION: The only developable land close to the main airfield does not have adequate infrastructure to support the CAB. This project will avoid unnecessary and costly future duplication of infrastructure within future | | | | | |

| | | | | |
|---|--|----------------------------|--------------|-----------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 | | |
| 3. INSTALLATION AND LOCATION Schofield Barracks, Hawaii | | | | |
| 4. PROJECT TITLE Combat Aviation Brigade Complex, Ph 1 | 5. PROJECT NUMBER 69489 | | | |
| 9. COST ESTIMATES (CONTINUED) | | | | |
| | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| Remote Switch Center Renovation | m2 (SF) | 371.61 (4,000) | 4,566 | (1,697) |
| Erosion Control | LS | -- | -- | (791) |
| Building Information Systems | LS | -- | -- | (1,483) |
| | | | Total | 3,971 |
| <u>CURRENT SITUATION: (CONTINUED)</u> | | | | |
| projects, especially in light of the total lack of existing supporting facilities in the area. | | | | |
| <u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, there will not be sufficient adequate infrastructure to support the CAB. The cost of each follow-on phase will be significantly higher, as infrastructure work such as trenching will be duplicated and utility systems become undersized and require upgrading as the area is further developed. | | | | |
| <u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders. | | | | |

| | | |
|------------------------|--|---------------------------|
| 1.COMONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE 10 FEB 2011 |
|------------------------|--|---------------------------|

3.INSTALLATION AND LOCATION

Schofield Barracks, Hawaii

| | |
|--|-------------------------------|
| 4.PROJECT TITLE Combat Aviation Brigade Complex, Ph 1 | 5.PROJECT NUMBER 69489 |
|--|-------------------------------|

| | Requested FY2012(\$000) | FYDP |
|-----------------------------------|----------------------------|------|
| Authorization | \$73,000 | TBD |
| Authorization of Appropriation | \$73,000 | TBD |
| Appropriation | \$73,000 | TBD |

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... OCT 2010
 - (b) Percent Complete As Of January 2011..... 15.00
 - (c) Date 35% Designed..... MAR 2011
 - (d) Date Design Complete..... OCT 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build

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

 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 2,693
 - (b) All Other Design Costs..... 3,366
 - (c) Total Design Cost..... 6,059
 - (d) Contract..... 3,366
 - (e) In-house..... 2,693

 - (4) Construction Contract Award..... JAN 2012

 - (5) Construction Start..... APR 2012

 - (6) Construction Completion..... APR 2014

| | | |
|----------------------|--|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|----------------------|--|------------------------|

3. INSTALLATION AND LOCATION

Schofield Barracks, Hawaii

4. PROJECT TITLE

Combat Aviation Brigade Complex, Ph 1

5. PROJECT NUMBER

69489

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| Info Sys - ISC | OPA | 2013 | 3,152 |
| | | TOTAL | <u>3,152</u> |

Installation Engineer: Alan Goo
Phone Number: 808-656-1289

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | | | | | | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Fort Shafter Hawaii | | | 4. COMMAND US Army Pacific | | | 5. AREA CONSTRUCTION COST INDEX 2.10 | |
| 6. PERSONNEL STRENGTH: | | | | | | | |
| | PERMANENT | | STUDENTS | | | SUPPORTED | |
| | OFFICER | ENLIST | CIVIL | OFFICER | ENLIST | CIVIL | TOTAL |
| A. AS OF 05 NOV 2010 | 2179 | 3643 | 2655 | 18 | 9 | 1 | 22 19 3806 12,352 |
| B. END FY 2016 | 2196 | 3502 | 3253 | 36 | 21 | 1 | 22 19 3789 12,839 |
| 7. INVENTORY DATA (\$000) | | | | | | | |
| A. TOTAL AREA..... | 773 ha | | (1,909 AC) | | | | |
| B. INVENTORY TOTAL AS OF 31 DEC 2010..... | | | | | | 5,342,970 | |
| C. AUTHORIZATION NOT YET IN INVENTORY..... | | | | | | 183,300 | |
| D. AUTHORIZATION REQUESTED IN THE FY 2012 PROGRAM..... | | | | | | 17,500 | |
| E. AUTHORIZATION INCLUDED IN THE FY 2013 PROGRAM..... | | | | | | 92,500 | |
| F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY)..... | | | | | | 0 | |
| G. REMAINING DEFICIENCY..... | | | | | | 340,138 | |
| H. GRAND TOTAL..... | | | | | | 5,976,408 | |
| 8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2012 PROGRAM: | | | | | | | |
| CATEGORY PROJECT | | PROJECT TITLE | | COST | DESIGN STATUS | | |
| CODE | NUMBER | | | (\$000) | START | COMPLETE | |
| 740 | 64967 | Child Development Center | | 17,500 | 08/2010 | 10/2011 | |
| | | | | TOTAL | 17,500 | | |
| 9. FUTURE PROJECT APPROPRIATIONS: | | | | | | | |
| CATEGORY | | PROJECT TITLE | | COST | | | |
| CODE | | | | (\$000) | | | |
| A. INCLUDED IN THE FY 2013 PROGRAM: | | | | | | | |
| 736 | Chapel | | | 18,500 | | | |
| 141 | HQ (C2F), Ph 2 | | | 74,000 | | | |
| | | | | TOTAL | 92,500 | | |
| B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE | | | | | | | |
| C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): | | | | N/A | | | |
| 10. MISSION OR MAJOR FUNCTIONS: | | | | | | | |
| Fort Shafter garrisons the Headquarter for United States Army Pacific Command and supporting organizations. It also provides on-post Army Family Housing (RCI units) for approximately 560 families. Fort Shafter is also home of the 9th Regional Readiness Command (USAR) and Pacific Ocean Division (POD) of the US Army Corps of Engineers. | | | | | | | |

| | | |
|----------------------|---------------------------------------|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | 2. DATE 10 FEB 2011 |
|----------------------|---------------------------------------|------------------------|

INSTALLATION AND LOCATION: Fort Shafter, Hawaii

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

| | |
|-----------------------------------|---------|
| | (\$000) |
| A. AIR POLLUTION | 0 |
| B. WATER POLLUTION | 0 |
| C. OCCUPATIONAL SAFETY AND HEALTH | 0 |

| | | | | | | |
|---|--|--|---------------------------|---|--|--------------|
| 1.COMONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2.DATE 10 FEB 2011 | |
| 3.INSTALLATION AND LOCATION Fort Shafter Hawaii | | | | 4.PROJECT TITLE Child Development Center | | |
| 5.PROGRAM ELEMENT 28719A | | 6.CATEGORY CODE 740 | 7.PROJECT NUMBER 64967 | | 8.PROJECT COST (\$000) Auth 17,500 Approp 17,500 | |
| 9.COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 9,218 |
| Child Development Center | | m2 (SF) | 1,307 (14,068) | | 5,364 | (7,011) |
| Outdoor Play Area | | m2 (SF) | 6,659 (71,682) | | 289.22 | (1,926) |
| Install Video Monitoring System | | LS | -- | | -- | (30) |
| EMCS Connection | | LS | -- | | -- | (14) |
| SDD and EPAct05 | | LS | -- | | -- | (148) |
| Building Information Systems | | LS | -- | | -- | (89) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 6,636 |
| Electric Service | | LS | -- | | -- | (206) |
| Water, Sewer, Gas | | LS | -- | | -- | (467) |
| Steam And/Or Chilled Water Dist | | LS | -- | | -- | (40) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (432) |
| Storm Drainage | | LS | -- | | -- | (1,475) |
| Site Imp(3,048) Demo(757) | | LS | -- | | -- | (3,805) |
| Information Systems | | LS | -- | | -- | (177) |
| Antiterrorism Measures | | LS | -- | | -- | (34) |
| ESTIMATED CONTRACT COST | | | | | | 15,854 |
| CONTINGENCY (5.00%) | | | | | | 793 |
| SUBTOTAL | | | | | | 16,647 |
| SUPV, INSP & OVERHEAD (6.50%) | | | | | | 1,082 |
| TOTAL REQUEST | | | | | | 17,729 |
| TOTAL REQUEST (ROUNDED) | | | | | | 17,500 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10.Description of Proposed Construction Construct a standard child development center for 105-135 children ages 6-10 years. The facility will include a computer lab, homework center; activity rooms; demonstration/teaching kitchen; and a multi-purpose room for fitness and sports, a controlled entry area, administrative area, training space, staff lounge/work room, kitchen, laundry, storage, supply rooms, building information systems, alarm and intercom systems, fire protection and alarm systems, installation of a video monitoring system and Energy Monitoring and Control Systems (EMCS) connection. In addition, the facility will include an outdoor play area with age appropriate child development equipment, safety surfacing and fencing. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include site development, utilities and connections, lighting, paving, parking, walks, curbs and gutters, storm drainage, information systems, landscaping and signage. The facility will include a fenced outdoor activity area. Air conditioning will be provided by a self-contained system. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. Demolish 10 buildings (TOTAL 2,956 m2/31,817 SF). Air Conditioning (Estimated 331 | | | | | | |

| | | |
|---|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Fort Shafter, Hawaii | | |
| 4. PROJECT TITLE Child Development Center | 5. PROJECT NUMBER 64967 | |
| DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED) kWr/94 Tons). | | |
| <p>11. REQ: 5,017 m2 ADQT: 2,248 m2 SUBSTD: NONE PROJECT: Construct a standard design Child Development Center at Fort Shafter, Hawaii. (Current Mission) REQUIREMENT: This project is required to provide a much needed facility to accommodate programs and services for school age children in the Fort Shafter area. This project supports expected increases in Soldier population at Fort Shafter and the demand for child and youth services that will be required for the new families that accompany those Soldiers. The new facility will provide 105 spaces for children ages 6-10 and meet the Army's goal of providing installation patron demand of 80%. The objective is to provide a safe, secure, and age appropriate indoor and outdoor activity space for the children of Fort Shafter.</p> <p>CURRENT SITUATION: The existing school-age program at Fort Shafter is housed in an old wooden building built in 1945. The facility was not designed to house child and youth programs and, as a result, has many program areas that are inappropriate to conduct required activities. The location of the facility is next to the major road artery of Fort Shafter giving rise to a dangerous traffic situation when the children leave the building. The facility has no playground or outdoor area, which are requirements for national accreditation status. Because of a lack of youth facilities on Fort Shafter, the middle school and teen program is also conducted in this building, so older youth's share restrooms and program areas with the younger children. A new facility will allow for separation of the school age and middle school teen programs which is the appropriate standard set by the Department of the Army.</p> <p>IMPACT IF NOT PROVIDED: If this project is not provided, Child, Youth & School Services will not be able to meet school age program and services requirements at Fort Shafter. National accreditation program status could be in jeopardy if facility changes are not made soon to the indoor and outdoor activity areas. Child care requirements for the expected Soldier and family member increases at Fort Shafter will be affected if a new facility is not constructed. This will adversely affect the Soldier's quality of life and moral, compromising retention rates and ultimately, unit readiness. With greater emphasis being placed on service to our Soldiers and their families, Fort Shafter will not be able to provide the service the Soldiers and their families deserve to meet the commitment of the Army Family Covenant Promise to improve family readiness by "ensuring excellence in schools, youth services and child care."</p> <p>ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant</p> | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|----------------------------|------------------------------|-----------------|--|--------------|----------------------------|-----------------|-------------------------------|-----------------|--|------------|--|--|--|--|--|--|---|--|---|------------|---------------------------------|------------|----------------------------|------------|-------------------|------------|-------------------|------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. INSTALLATION AND LOCATION Fort Shafter, Hawaii | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. PROJECT TITLE Child Development Center | 5. PROJECT NUMBER 64967 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>ADDITIONAL: (CONTINUED)</p> <p>Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>12. SUPPLEMENTAL DATA:</p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr><td>(a) Date Design Started.....</td><td><u>AUG 2010</u></td></tr> <tr><td>(b) Percent Complete As Of January 2011.....</td><td><u>35.00</u></td></tr> <tr><td>(c) Date 35% Designed.....</td><td><u>JAN 2011</u></td></tr> <tr><td>(d) Date Design Complete.....</td><td><u>OCT 2011</u></td></tr> <tr><td>(e) Parametric Cost Estimating Used to Develop Costs</td><td><u>YES</u></td></tr> <tr><td>(f) Type of Design Contract: Adapt-Build</td><td></td></tr> <tr><td>(g) An energy study and life cycle cost analysis will be documented during the final design.</td><td></td></tr> </table> <p>(2) Basis:</p> <table border="0"> <tr><td>(a) Standard or Definitive Design: YES</td><td></td></tr> <tr><td>(b) Where Most Recently Used: Fort Bliss</td><td></td></tr> </table> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table border="0"> <tr><td>(a) Production of Plans and Specifications.....</td><td><u>170</u></td></tr> <tr><td>(b) All Other Design Costs.....</td><td><u>426</u></td></tr> <tr><td>(c) Total Design Cost.....</td><td><u>596</u></td></tr> <tr><td>(d) Contract.....</td><td><u>426</u></td></tr> <tr><td>(e) In-house.....</td><td><u>170</u></td></tr> </table> <p>(4) Construction Contract Award..... <u>JAN 2012</u></p> <p>(5) Construction Start..... <u>APR 2012</u></p> <p>(6) Construction Completion..... <u>OCT 2013</u></p> | | | (a) Date Design Started..... | <u>AUG 2010</u> | (b) Percent Complete As Of January 2011..... | <u>35.00</u> | (c) Date 35% Designed..... | <u>JAN 2011</u> | (d) Date Design Complete..... | <u>OCT 2011</u> | (e) Parametric Cost Estimating Used to Develop Costs | <u>YES</u> | (f) Type of Design Contract: Adapt-Build | | (g) An energy study and life cycle cost analysis will be documented during the final design. | | (a) Standard or Definitive Design: YES | | (b) Where Most Recently Used: Fort Bliss | | (a) Production of Plans and Specifications..... | <u>170</u> | (b) All Other Design Costs..... | <u>426</u> | (c) Total Design Cost..... | <u>596</u> | (d) Contract..... | <u>426</u> | (e) In-house..... | <u>170</u> |
| (a) Date Design Started..... | <u>AUG 2010</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (b) Percent Complete As Of January 2011..... | <u>35.00</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (c) Date 35% Designed..... | <u>JAN 2011</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (d) Date Design Complete..... | <u>OCT 2011</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (e) Parametric Cost Estimating Used to Develop Costs | <u>YES</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (f) Type of Design Contract: Adapt-Build | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (g) An energy study and life cycle cost analysis will be documented during the final design. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (a) Standard or Definitive Design: YES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (b) Where Most Recently Used: Fort Bliss | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (a) Production of Plans and Specifications..... | <u>170</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (b) All Other Design Costs..... | <u>426</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (c) Total Design Cost..... | <u>596</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (d) Contract..... | <u>426</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (e) In-house..... | <u>170</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Shafter, Hawaii

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Child Development Center | 5. PROJECT NUMBER 64967 |
|--|--------------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| NA | | | |

Installation Engineer: Alan Goo
Phone Number: 808 -656-1288

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2012
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

| STATE | INSTALLATION (COMMAND) | NEW/ | | | |
|---------------|--|---------------|---------------|---------|-------|
| ----- PROJECT | ----- | AUTHORIZATION | APPROPRIATION | CURRENT | |
| NUMBER | PROJECT TITLE | REQUEST | REQUEST | MISSION | PAGE |
| ----- | ----- | ----- | ----- | ----- | ----- |
| Kansas | Fort Riley (IMCOM) | | | | 119 |
| 02728 | Physical Fitness Facility | 13,000 | 13,000 | C | 121 |
| 61211 | Chapel | 10,400 | 10,400 | C | 124 |
| 69834 | Unmanned Aerial Vehicle Maintenance Hangar | 60,000 | 60,000 | C | 127 |
| | Forbes Airfield | | | | |
| 59148 | Deployment Support Facility | 5,300 | 5,300 | C | 131 |
| | Subtotal Fort Riley Part I | \$ 88,700 | 88,700 | | |
| | * TOTAL MCA FOR Kansas | \$ 88,700 | 88,700 | | |

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|--|---------------------------------------|--|---|---------|---------|--|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | | | | | | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Fort Riley Kansas | | | 4. COMMAND US Army Installation Management Command | | | 5. AREA CONSTRUCTION COST INDEX 1.07 | |
| 6. PERSONNEL STRENGTH: | | | | | | | |
| | PERMANENT | | STUDENTS | | | SUPPORTED | |
| | OFFICER | ENLIST | CIVIL | OFFICER | ENLIST | CIVIL | TOTAL |
| A. AS OF 05 NOV 2010 | 2269 | 15832 | 2185 | 0 | 10 | 2 | 206 752 4957 26,213 |
| B. END FY 2016 | 2269 | 15305 | 2177 | 0 | 10 | 0 | 197 722 4813 25,493 |
| 7. INVENTORY DATA (\$000) | | | | | | | |
| A. TOTAL AREA..... | 46,354 ha | | (114,542 AC) | | | | |
| B. INVENTORY TOTAL AS OF 31 DEC 2010..... | 6,146,612 | | | | | | |
| C. AUTHORIZATION NOT YET IN INVENTORY..... | 1,004,366 | | | | | | |
| D. AUTHORIZATION REQUESTED IN THE FY 2012 PROGRAM..... | 88,700 | | | | | | |
| E. AUTHORIZATION INCLUDED IN THE FY 2013 PROGRAM..... | 17,800 | | | | | | |
| F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY)..... | 0 | | | | | | |
| G. REMAINING DEFICIENCY..... | 1,228,342 | | | | | | |
| H. GRAND TOTAL..... | 8,485,820 | | | | | | |
| 8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2012 PROGRAM: | | | | | | | |
| CATEGORY PROJECT | | PROJECT TITLE | | | COST | DESIGN STATUS | |
| CODE | NUMBER | | | | (\$000) | START | COMPLETE |
| 740 | 2728 | Physical Fitness Facility | | | 13,000 | 09/2009 | 07/2012 |
| 141 | 59148 | Deployment Support Facility | | | 5,300 | 09/2009 | 10/2011 |
| 736 | 61211 | Chapel | | | 10,400 | 11/2007 | 10/2011 |
| 211 | 69834 | Unmanned Aerial Vehicle Maintenance Hangar | | | 60,000 | 10/2010 | 10/2011 |
| TOTAL | | | | | 88,700 | | |
| 9. FUTURE PROJECT APPROPRIATIONS: | | | | | | | |
| CATEGORY | | PROJECT TITLE | | | COST | | |
| CODE | | | | (\$000) | | | |
| A. INCLUDED IN THE FY 2013 PROGRAM: | | | | | | | |
| 740 | Physical Fitness Addition Facility | | | 7,400 | | | |
| 891 | Ground Source Heat Transfer System | | | 10,400 | | | |
| TOTAL | | | | | 17,800 | | |
| B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE | | | | | | | |
| C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): | | | | | N/A | | |
| 10. MISSION OR MAJOR FUNCTIONS: | | | | | | | |
| Provide the nation's Armed Forces with a sustaining base and a power projection platform, in support of National Security Objectives. Major functions include: Support and enable operational and training requirements of Maneuver units, support basic and advanced skill training for new Soldiers; exercise command and control; provide for public safety and security; provide sound stewardship of installation resources and the environment; provide services/programs to enable readiness; execute community and family support services and programs; maintain and improve installation infrastructure. | | | | | | | |

| | | |
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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | 2. DATE 10 FEB 2011 |
|----------------------|---------------------------------------|------------------------|

INSTALLATION AND LOCATION: Fort Riley, Kansas

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

| | |
|-----------------------------------|---------|
| | (\$000) |
| A. AIR POLLUTION | 0 |
| B. WATER POLLUTION | 0 |
| C. OCCUPATIONAL SAFETY AND HEALTH | 0 |

| | | | | | | |
|--|--|--|---------------------------|--|--|--------------|
| 1.COMONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2.DATE 10 FEB 2011 | |
| 3.INSTALLATION AND LOCATION Fort Riley Kansas | | | | 4.PROJECT TITLE Physical Fitness Facility | | |
| 5.PROGRAM ELEMENT 22096A | | 6.CATEGORY CODE 740 | 7.PROJECT NUMBER 02728 | | 8.PROJECT COST (\$000) Auth 13,000 Approp 13,000 | |
| 9.COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 9,937 |
| Physical Fitness Facility | | m2 (SF) | 4,202 (45,234) | | 2,204 | (9,263) |
| Special Foundations | | LS | -- | | -- | (466) |
| EMCS Connection | | LS | -- | | -- | (17) |
| SDD and EPAct05 | | LS | -- | | -- | (172) |
| Building Information Systems | | LS | -- | | -- | (19) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 1,423 |
| Electric Service | | LS | -- | | -- | (69) |
| Water, Sewer, Gas | | LS | -- | | -- | (96) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (580) |
| Storm Drainage | | LS | -- | | -- | (47) |
| Site Imp(613) Demo() | | LS | -- | | -- | (613) |
| Information Systems | | LS | -- | | -- | (18) |
| ESTIMATED CONTRACT COST | | | | | | 11,360 |
| CONTINGENCY (5.00%) | | | | | | 568 |
| SUBTOTAL | | | | | | 11,928 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 680 |
| DESIGN/BUILD - DESIGN COST | | | | | | 477 |
| TOTAL REQUEST | | | | | | 13,085 |
| TOTAL REQUEST (ROUNDED) | | | | | | 13,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10.Description of Proposed Construction Construct a standard design, small Physical Fitness Facility with special foundations, connection of Energy Monitoring and Control System (EMCS), and building information systems. Supporting facilities include all utilities, exterior lighting and control, information systems, fire protection; paving, walks, curbs and gutters; storm drainage; parking and site improvements. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. Air Conditioning (Estimated 246 kW/70 Tons). | | | | | | |
| 11. REQ: | | 16,860 m2 | ADQT: 11,579 m2 | | SUBSTD: | 1,788 m2 |
| PROJECT: Construct a standard design Physical Fitness Center at Fort Riley, Kansas. (Current Mission) | | | | | | |
| REQUIREMENT: This project is required to provide a physical fitness center at Camp Whitside, Fort Riley. The physical fitness center will be used for both organized physical fitness training as well as recreational use in the evenings and on weekends. Facility will support barracks spaces located in the Camp Whitside area, the nearby Warriors in Transition complex, and the | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Riley, Kansas

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Physical Fitness Facility | 5. PROJECT NUMBER 02728 |
|---|--------------------------------|

REQUIREMENT: (CONTINUED)
transient training units in Camp Funston.
CURRENT SITUATION: The Camp Whitside barracks area is a new 980-space barracks complex as a result of the stationing of the Combat Aviation Brigade. The Warrior Transition Battalion Complex with an additional 156 barracks spaces is also being constructed in Whitside. The nearest physical fitness facility is located over three miles away and is already fully utilized.
IMPACT IF NOT PROVIDED: If this project is not provided, the Army will not be able to provide permanent physical fitness facilities for the Combat Aviation Brigade and other units.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

| | |
|--|--------------|
| (1) Status: | |
| (a) Date Design Started..... | SEP 2009 |
| (b) Percent Complete As Of January 2011..... | 15.00 |
| (c) Date 35% Designed..... | JAN 2012 |
| (d) Date Design Complete..... | JUL 2012 |
| (e) Parametric Cost Estimating Used to Develop Costs | YES |
| (f) Type of Design Contract: | Design-build |
| (g) An energy study and life cycle cost analysis will be documented during the final design. | |
| (2) Basis: | |
| (a) Standard or Definitive Design: | YES |
| (b) Where Most Recently Used: | Fort Stewart |
| (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): | (\$000) |
| (a) Production of Plans and Specifications..... | 248 |
| (b) All Other Design Costs..... | 487 |
| (c) Total Design Cost..... | 735 |

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|----------------------|--|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|----------------------|--|------------------------|

3. INSTALLATION AND LOCATION
Fort Riley, Kansas

| | |
|---|----------------------------|
| 4. PROJECT TITLE Physical Fitness Facility | 5. PROJECT NUMBER 02728 |
|---|----------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

| | |
|--------------------------------------|----------|
| (d) Contract..... | 487 |
| (e) In-house..... | 248 |
| (4) Construction Contract Award..... | JAN 2012 |
| (5) Construction Start..... | APR 2012 |
| (6) Construction Completion..... | OCT 2013 |

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

| <u>Equipment</u> <u>Nomenclature</u> | <u>Procuring</u> <u>Appropriation</u> | <u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u> | <u>Cost</u> <u>(\$000)</u> |
|---|--|--|-------------------------------|
| NA | | | |

Installation Engineer: Michael L. Goreham
Phone Number: 785-239-8408

| | | | | | |
|--|-------------------------|--|---|------------------------|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Riley Kansas | | | 4. PROJECT TITLE Chapel | | |
| 5. PROGRAM ELEMENT 22096A | 6. CATEGORY CODE 736 | 7. PROJECT NUMBER 61211 | 8. PROJECT COST (\$000) Auth 10,400 Approp 10,400 | | |
| 9. COST ESTIMATES | | | | | |
| ITEM | | UM (M/E) | QUANTITY | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | 7,510 |
| Chapel | | m2 (SF) | 2,142 (23,052) | 3,170 | (6,788) |
| Special Foundations | | LS | -- | -- | (475) |
| EMCS Connection | | LS | -- | -- | (39) |
| SDD and EPAct05 | | LS | -- | -- | (141) |
| Building Information Systems | | LS | -- | -- | (67) |
| <u>SUPPORTING FACILITIES</u> | | | | | 1,790 |
| Electric Service | | LS | -- | -- | (123) |
| Water, Sewer, Gas | | LS | -- | -- | (67) |
| Paving, Walks, Curbs & Gutters | | LS | -- | -- | (809) |
| Storm Drainage | | LS | -- | -- | (82) |
| Site Imp(566) Demo() | | LS | -- | -- | (566) |
| Information Systems | | LS | -- | -- | (143) |
| ESTIMATED CONTRACT COST | | | | | 9,300 |
| CONTINGENCY (5.00%) | | | | | 465 |
| SUBTOTAL | | | | | 9,765 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | 557 |
| TOTAL REQUEST | | | | | 10,322 |
| TOTAL REQUEST (ROUNDED) | | | | | 10,400 |
| INSTALLED EQT-OTHER APPROP | | | | | () |
| 10. Description of Proposed Construction Construct a standard design Chapel Center featuring a sanctuary (400 seat capacity) and an activity center capable of seating an additional 229 people. The sanctuary includes a raised pulpit area and a baptismal suite. The facility also includes religious education classrooms, multi-purpose rooms, blessed sacrament room, sacristy/robing room, choir room, resource center, nursery, restrooms, kitchen, storage, and administrative space, building information systems, special foundations and connection to Energy Monitoring and Control System (EMCS). Supporting facilities include all required utilities and connections, electric, water, sewer, road access, parking, paving, sidewalks, curbs, gutters, storm drainage, site improvements, landscaping and signage. Access for persons with disabilities will be provided. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Heating and air conditioning will be provided with separately zoned self-contained units. Comprehensive building and furnishings related interior design services are required. Air Conditioning (Estimated 264 kW/75 Tons). | | | | | |
| 11. REQ: 11,659 m2 | | ADQT: 3,407 m2 | | SUBSTD: NONE | |
| PROJECT: Construct a standard design Chapel Center at Fort Riley, Kansas. (Current Mission) | | | | | |

| | | | | | | | | | | |
|---|--|----------------------------|------------------------------|----------|--|-------|----------------------------|----------|-------------------------------|----------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 | | | | | | | | |
| 3. INSTALLATION AND LOCATION Fort Riley, Kansas | | | | | | | | | | |
| 4. PROJECT TITLE Chapel | 5. PROJECT NUMBER 61211 | | | | | | | | | |
| <p><u>REQUIREMENT:</u> This project is required to provide a Chapel Center to accommodate a variety of different programs to support the Soldiers and their families at Fort Riley, Kansas. The Chapel Center will include an activity center and religious education classrooms that are required to provide a permanent facility for religious instruction, family support, and community support activities. It can also be used as a central location for providing information and support to family members of deployed Soldiers. The new Chapel Center, located in the family housing area, provides convenient access for families and Soldiers.</p> <p><u>CURRENT SITUATION:</u> Currently, the installation does not have enough religious facilities to meet the needs of Soldiers and their families. Existing religious activities are housed in five Chapels and two Religious Education Facilities which provide only 51 percent of the installation's authorized space. There is no family life center or chapel center. Some religious education programs are currently using school classrooms from the local school district.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, a severe shortage of chapel and religious education space will continue. The religious education program will be severely impaired and worship opportunities limited, leaving the religious education program in a school that is separated from the chapels. This situation will continue to negatively impact those who want to worship and attend religious education in a single facility. Fort Riley community will not have adequate space for worship, family life counseling and religious education programs.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p> | | | | | | | | | | |
| <p>12. <u>SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr> <td>(a) Date Design Started.....</td> <td>NOV 2007</td> </tr> <tr> <td>(b) Percent Complete As Of January 2011.....</td> <td>80.00</td> </tr> <tr> <td>(c) Date 35% Designed.....</td> <td>JAN 2010</td> </tr> <tr> <td>(d) Date Design Complete.....</td> <td>OCT 2011</td> </tr> </table> | | | (a) Date Design Started..... | NOV 2007 | (b) Percent Complete As Of January 2011..... | 80.00 | (c) Date 35% Designed..... | JAN 2010 | (d) Date Design Complete..... | OCT 2011 |
| (a) Date Design Started..... | NOV 2007 | | | | | | | | | |
| (b) Percent Complete As Of January 2011..... | 80.00 | | | | | | | | | |
| (c) Date 35% Designed..... | JAN 2010 | | | | | | | | | |
| (d) Date Design Complete..... | OCT 2011 | | | | | | | | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Riley, Kansas

| | |
|--------------------------------|--------------------------------|
| 4. PROJECT TITLE Chapel | 5. PROJECT NUMBER 61211 |
|--------------------------------|--------------------------------|

12. SUPPLEMENTAL DATA: (Continued)

- A. Estimated Design Data: (Continued)
- (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Adapt-Build
 - (g) An energy study and life cycle cost analysis will be documented during the final design.

- (2) Basis:
- (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Leavenworth

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

| | |
|---|-----|
| (a) Production of Plans and Specifications..... | 102 |
| (b) All Other Design Costs..... | 254 |
| (c) Total Design Cost..... | 356 |
| (d) Contract..... | 254 |
| (e) In-house..... | 102 |

- (4) Construction Contract Award..... JAN 2012
- (5) Construction Start..... APR 2012
- (6) Construction Completion..... OCT 2013

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-------------------------------|--------------------------------|--|---------------------|
| NA | | | |

Installation Engineer: Michael L. Goreham
Phone Number: 785-239-8480

| | | | | | | |
|---|--|--|---|--|---|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Riley Kansas | | | 4. PROJECT TITLE Unmanned Aerial Vehicle Maintenance Hangar | | | |
| 5. PROGRAM ELEMENT 22096A | | 6. CATEGORY CODE 211 | 7. PROJECT NUMBER 69834 | | 8. PROJECT COST (\$000) Auth 60,000 Approp 60,000 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 45,811 |
| UAV Maintenance Hangar | | m2 (SF) | 12,402 (133,498) | | 2,402 | (29,790) |
| Vehicle Maintenance Shop | | m2 (SF) | 1,706 (18,360) | | 2,357 | (4,021) |
| Company Ops Mod/ Conversion | | m2 (SF) | 1,630 (17,542) | | 1,459 | (2,378) |
| Covered Hardstand | | m2 (SF) | 216.28 (2,328) | | 678.12 | (147) |
| Organizational Vehicle Parking | | m2 (SY) | 4,530 (5,418) | | 90.35 | (409) |
| Total from Continuation page | | | | | | (9,066) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 8,692 |
| Electric Service | | LS | -- | | -- | (1,540) |
| Water, Sewer, Gas | | LS | -- | | -- | (1,585) |
| Steam And/Or Chilled Water Dist | | LS | -- | | -- | (78) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (1,084) |
| Storm Drainage | | LS | -- | | -- | (950) |
| Site Imp(2,963) Demo() | | LS | -- | | -- | (2,963) |
| Information Systems | | LS | -- | | -- | (243) |
| Antiterrorism Measures | | LS | -- | | -- | (249) |
| ESTIMATED CONTRACT COST | | | | | | 54,503 |
| CONTINGENCY (5.00%) | | | | | | 2,725 |
| SUBTOTAL | | | | | | 57,228 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 3,262 |
| TOTAL REQUEST | | | | | | 60,490 |
| TOTAL REQUEST (ROUNDED) | | | | | | 60,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10. Description of Proposed Construction Construct facilities for a Sky Warrior Unmanned Aerial System (UAS) Company consisting of an unmanned aerial vehicle (UAV) maintenance hangar, vehicle maintenance facility, organizational parking, POL storage, hazardous waste storage, access aprons, holding apron, and taxiways. Project includes modernization/ conversion of existing Historical Buildings for company operations, and covered hardstand. Project includes special foundations, building information systems, fire protection and alarm systems, Intrusion Detection System (IDS) installation, and Energy Monitoring and Control Systems (EMCS) connection. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include site development, utilities and connections, lighting, paving, parking, walks, curbs and gutters, storm drainage, information systems, landscaping and signage. Heating and air conditioning will be provided by self-contained system. Anti-Terrorism measures are provided. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. Air Conditioning (Estimated 229 kW/65 Tons). | | | | | | |
| 11. REQ: | | 12,486 m2 | ADQT: | | NONE | SUBSTD: NONE |
| PROJECT: Construct Unmanned Aerial Vehicle Maintenance Facilities at Fort | | | | | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Riley, Kansas

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Unmanned Aerial Vehicle Maintenance Hangar | 5. PROJECT NUMBER 69834 |
|--|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|------------------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| Hangar Access Apron | m2 (SY) | 8,152 (9,750) | 105.35 | (859) |
| Fixed Wing Taxiway | m2 (SY) | 49,164 (58,800) | 86.45 | (4,250) |
| Aircraft Runway Holding Apron | m2 (SY) | 7,860 (9,400) | 96.79 | (761) |
| POL Storage Bldg | m2 (SF) | 11.15 (120) | 1,094 | (12) |
| Hazardous Waste Storage | m2 (SF) | 11.15 (120) | 879.82 | (10) |
| Special Foundations | LS | -- | -- | (1,916) |
| IDS Installation | LS | -- | -- | (38) |
| EMCS Connection | LS | -- | -- | (141) |
| SDD and EPAct05 | LS | -- | -- | (725) |
| Antiterrorism Measures | LS | -- | -- | (128) |
| Building Information Systems | LS | -- | -- | (226) |
| | | | Total | 9,066 |

PROJECT: (CONTINUED)

Riley, Kansas. (Current Mission)

REQUIREMENT: This project is required to provide facilities for fielding an Extended Range/Multipurpose (ERMP) Unmanned Aircraft System (UAS) Company. This will allow the ERMP UAS unit to provide the capability to perform reconnaissance, surveillance, communications and target acquisition. These facilities are required to provide aircraft maintenance, repair, and storage as well as administration of company operations.

CURRENT SITUATION: Currently there are no Extended Range/Multipurpose (ERMP) Unmanned Aircraft System (UAS) Companies at Fort Riley. No facilities currently exist that meet the current Department of the Army Standards or that are available to provide aircraft maintenance, repair and storage; aircraft administrative operation; company operations; and aircraft operation to support this unit.

IMPACT IF NOT PROVIDED: If this project is not provided, the Extended Range Multipurpose Unmanned Aerial Vehicle Company that will be stationed at Fort Riley will lack adequate facilities to perform mission training, maintenance and efficient operations. Lack of adequate facilities will negatively impact operational readiness and the sustainment of combat capabilities for this increasingly critical war fighting technology.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be

| | | |
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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Riley, Kansas

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Unmanned Aerial Vehicle Maintenance Hangar | 5. PROJECT NUMBER 69834 |
|--|--------------------------------|

ADDITIONAL: (CONTINUED)
available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... OCT 2010
 - (b) Percent Complete As Of January 2011..... 15.00
 - (c) Date 35% Designed..... MAR 2011
 - (d) Date Design Complete..... OCT 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build

 - (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Stewart

 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 2,861
 - (b) All Other Design Costs..... 2,289
 - (c) Total Design Cost..... 5,150
 - (d) Contract..... 2,861
 - (e) In-house..... 2,289

 - (4) Construction Contract Award..... JAN 2012

 - (5) Construction Start..... APR 2012

 - (6) Construction Completion..... APR 2014

| | | |
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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Riley, Kansas

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Unmanned Aerial Vehicle Maintenance Hangar | 5. PROJECT NUMBER 69834 |
|--|--------------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment</u> <u>Nomenclature</u> | <u>Procuring</u> <u>Appropriation</u> | <u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u> | <u>Cost</u> <u>(\$000)</u> |
|---|--|--|-------------------------------|
|---|--|--|-------------------------------|

NA

Installation Engineer: Michael L. Goreham
Phone Number: 785-239-8480

| | | | | | | |
|--|--|--|----------------------------|---|---|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Forbes Airfield Kansas (Fort Riley) | | | | 4. PROJECT TITLE Deployment Support Facility | | |
| 5. PROGRAM ELEMENT 22096A | | 6. CATEGORY CODE 141 | 7. PROJECT NUMBER 59148 | | 8. PROJECT COST (\$000) Auth 5,300 Approp 5,300 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 3,176 |
| DAACG Operations Facility | | m2 (SF) | 1,133 (12,200) | | 2,388 | (2,706) |
| Vehicle Defueling Facility | | EA | 1 -- | | 164,466 | (164) |
| Truck Scales | | EA | 1 -- | | 169,117 | (169) |
| IDS Installation | | LS | -- | | -- | (12) |
| EMCS Connection | | LS | -- | | -- | (14) |
| Total from Continuation page | | | | | | (111) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 1,571 |
| Electric Service | | LS | -- | | -- | (264) |
| Water, Sewer, Gas | | LS | -- | | -- | (120) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (307) |
| Site Imp(845) Demo() | | LS | -- | | -- | (845) |
| Information Systems | | LS | -- | | -- | (35) |
| ESTIMATED CONTRACT COST | | | | | | 4,747 |
| CONTINGENCY (5.00%) | | | | | | 237 |
| SUBTOTAL | | | | | | 4,984 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 284 |
| TOTAL REQUEST | | | | | | 5,268 |
| TOTAL REQUEST (ROUNDED) | | | | | | 5,300 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10. Description of Proposed Construction Construct a Departure/Arrival Airfield Control Group (DAACG) operations facility at Forbes Field, Topeka. This project will include a deployment support facility, scales, vehicle defueling facility, passenger terminal and a ready/sterile area, installation of Intrusion Detection System (IDS), building information systems, and connection to Energy Monitoring and Control System (EMCS). Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include site development, utilities and connections, electrical service, lighting, paving, equipment loading lots, access road, parking, walks, curbs and gutters, storm drainage, information systems, landscaping and signage. It will include acquisition of land for the purpose of constructing the project. The Secretary of the Army may acquire a construction site for this project by purchase, exchange, donation or by other means which the Secretary of the Army determines that the interest acquired in the land is sufficient for the purposes of the project. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Access for individuals with disabilities will be available. Heating, ventilation, and air conditioning will be provided by self-contained and separately zoned systems. Comprehensive building and furnishing related interior design services are required. Air Conditioning (Estimated 141 kW _r /40 | | | | | | |

| | | |
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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Forbes Airfield, Kansas (Fort Riley)

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Deployment Support Facility | 5. PROJECT NUMBER 59148 |
|---|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|----------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| SDD and EPAct05 | LS | -- | -- | (56) |
| Building Information Systems | LS | -- | -- | (55) |
| | | | Total | 111 |

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
Tons).

11. REQ: 11,148 m2 ADQT: 7,226 m2 SUBSTD: 344 m2

PROJECT: Construct a Departure/Arrival Airfield Control Group (DAACG) Operations Facility at Forbes Airfield, Topeka, Kansas. (Current Mission)

REQUIREMENT: Fort Riley requires a Departure/Arrival Deployment Facility. This facility must be capable of supporting up to 600 fully combat equipped Soldiers who are either deploying or redeploying from or to Fort Riley. The facility must be secure and large enough to provide for the Joint Inspection of all cargo, including rolling stock to be moved on Strategic Aerial Resources.

CURRENT SITUATION: Forbes Field, Topeka, KS, is the primary Aerial Port of Embarkation (APOE) for Fort Riley. It is located approximately 65 miles from the Installation. The local Manhattan Regional Airport is used as an alternate APOE for the smaller aircraft or lightly loaded C17 aircraft. The Arrival/Departure Airfield Control Group Facility, or Ready Building, is used as the terminal for military personnel and equipment being sent or received by air. It serves both military and charter aircraft. Equipment and personnel are prepared for movement at Fort Riley. They are then moved by truck, bus, or in a few cases, driven, to the APOE. At the Ready Building, they undergo final checks and adjustments. Current status quo is the use of two leased buildings at Forbes Field. Buildings are separated by a quarter mile, are generally obsolete, and are not immediately adjacent to the aircraft ramp used for military movements. These leased facilities are inefficient, lack adequate security and safety measures and do not meet current standards for deployment facilities.

IMPACT IF NOT PROVIDED: If this project is not provided, Fort Riley would continue to use the leased buildings. Soldiers will continue to deploy out of inadequate, inefficient facilities that do not meet current standards, are not within a secure area, and do not provide adequate personnel and equipment accountability. Without this project, the load time for aircraft will continue to take approximately 4.5 hours vice 2 hours.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting

| | | |
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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Forbes Airfield, Kansas (Fort Riley)

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Deployment Support Facility | 5. PROJECT NUMBER 59148 |
|---|--------------------------------|

ADDITIONAL: (CONTINUED)

this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
 - (1) Status:
 - (a) Date Design Started..... SEP 2009
 - (b) Percent Complete As Of January 2011..... 35.00
 - (c) Date 35% Designed..... JAN 2011
 - (d) Date Design Complete..... OCT 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build
 - (g) An energy study and life cycle cost analysis will be documented during the final design.
 - (2) Basis:
 - (a) Standard or Definitive Design: NO
 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 207
 - (b) All Other Design Costs..... 259
 - (c) Total Design Cost..... 466
 - (d) Contract..... 259
 - (e) In-house..... 207
 - (4) Construction Contract Award..... JAN 2012
 - (5) Construction Start..... APR 2012
 - (6) Construction Completion..... OCT 2013

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Forbes Airfield, Kansas (Fort Riley)

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Deployment Support Facility | 5. PROJECT NUMBER 59148 |
|---|--------------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| NA | | | |

Installation Engineer: Michael L. Goreham
Phone Number: 785-239-8480

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2012
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

| STATE | INSTALLATION (COMMAND) | | | NEW/ | |
|---------------|--|---------------|---------------|---------|-------|
| ----- PROJECT | ----- | AUTHORIZATION | APPROPRIATION | CURRENT | |
| NUMBER | PROJECT TITLE | REQUEST | REQUEST | MISSION | PAGE |
| ----- | ----- | ----- | ----- | ----- | ----- |
| Kentucky | Fort Campbell (IMCOM) | | | | 137 |
| 18646 | Vehicle Maintenance Facility | 16,000 | 16,000 | C | 139 |
| 64297 | Vehicle Maintenance Facility | 40,000 | 40,000 | C | 143 |
| 65147 | Physical Fitness Facility | 18,500 | 18,500 | C | 147 |
| 69501 | Unmanned Aerial Vehicle Maintenance Hangar | 67,000 | 67,000 | C | 150 |
| 71703 | Scout/Recce Gunnery Range | 18,000 | 18,000 | C | 154 |
| 72684 | Barracks Complex | 65,000 | 65,000 | C | 158 |
| 73541 | Barracks | 23,000 | 23,000 | C | 161 |
| | Subtotal Fort Campbell Part I | \$ 247,500 | 247,500 | | |
| | Fort Knox (IMCOM) | | | | 165 |
| 64823 | Automated Infantry Platoon Battle Course | 7,000 | 7,000 | C | 167 |
| 65293 | Battalion Complex | 48,000 | 48,000 | C | 170 |
| | Subtotal Fort Knox Part I | \$ 55,000 | 55,000 | | |
| | * TOTAL MCA FOR Kentucky | \$ 302,500 | 302,500 | | |

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|--|--------|--|---|--------------|---------|--|------------------------|--|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROGRAM | | | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Campbell Kentucky | | | 4. COMMAND US Army Installation Management Command | | | 5. AREA CONSTRUCTION COST INDEX 1.02 | | |
| 6. PERSONNEL STRENGTH: | | PERMANENT | | STUDENTS | | SUPPORTED | | |
| | | OFFICER | ENLIST | CIVIL | OFFICER | ENLIST | CIVIL | |
| A. AS OF 05 NOV 2010 | | 4030 | 25839 | 2456 | 2 | 222 | 0 | |
| B. END FY 2016 | | 4151 | 25568 | 2671 | 39 | 247 | 0 | |
| | | | | | 31 | 366 | 5619 | |
| | | | | | | | 38,565 | |
| | | | | | 31 | 367 | 4531 | |
| | | | | | | | 37,605 | |
| 7. INVENTORY DATA (\$000) | | | | | | | | |
| A. TOTAL AREA..... | | 45,518 ha | | (112,476 AC) | | | | |
| B. INVENTORY TOTAL AS OF 31 DEC 2010..... | | | | | | 7,248,113 | | |
| C. AUTHORIZATION NOT YET IN INVENTORY..... | | | | | | 1,318,781 | | |
| D. AUTHORIZATION REQUESTED IN THE FY 2012 PROGRAM..... | | | | | | 247,500 | | |
| E. AUTHORIZATION INCLUDED IN THE FY 2013 PROGRAM..... | | | | | | 311,350 | | |
| F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY)..... | | | | | | 0 | | |
| G. REMAINING DEFICIENCY..... | | | | | | 2,808,261 | | |
| H. GRAND TOTAL..... | | | | | | 11,934,005 | | |
| 8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2012 PROGRAM: | | | | | | | | |
| CATEGORY PROJECT | | | | COST | | DESIGN STATUS | | |
| CODE | NUMBER | PROJECT TITLE | | (\$000) | START | COMPLETE | | |
| 214 | 18646 | Vehicle Maintenance Facility | | 16,000 | 06/2007 | 10/2011 | | |
| 214 | 64297 | Vehicle Maintenance Facility | | 40,000 | 09/2009 | 10/2011 | | |
| 740 | 65147 | Physical Fitness Facility | | 18,500 | 10/2007 | 07/2012 | | |
| 211 | 69501 | Unmanned Aerial Vehicle Maintenance Hangar | | 67,000 | 09/2010 | 10/2012 | | |
| 178 | 71703 | Scout/Recce Gunnery Range | | 18,000 | 08/2010 | 10/2011 | | |
| 721 | 72684 | Barracks | | 65,000 | 09/2010 | 10/2012 | | |
| 721 | 73541 | Barracks | | 23,000 | 06/2010 | 04/2012 | | |
| TOTAL | | | | 247,500 | | | | |
| 9. FUTURE PROJECT APPROPRIATIONS: | | | | | | | | |
| CATEGORY | | | | COST | | | | |
| CODE | | PROJECT TITLE | | (\$000) | | | | |
| A. INCLUDED IN THE FY 2013 PROGRAM: | | | | | | | | |
| 721 | | Barracks Complex-35th St | | 38,000 | | | | |
| 721 | | Brigade Combat Team 3 Complex | | 89,000 | | | | |
| 141 | | Multifunctional Aviation Bde | | 61,000 | | | | |
| 610 | | Administrative Building, General Purpose | | 45,000 | | | | |
| 178 | | Shoothouse | | 3,350 | | | | |
| 721 | | Barracks | | 37,000 | | | | |
| 721 | | Barracks | | 38,000 | | | | |
| TOTAL | | | | 311,350 | | | | |
| B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE | | | | | | | | |
| C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): N/A | | | | | | | | |

| | | |
|----------------------|---------------------------------------|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | 2. DATE 10 FEB 2011 |
|----------------------|---------------------------------------|------------------------|

INSTALLATION AND LOCATION: Fort Campbell, Kentucky

10. MISSION OR MAJOR FUNCTIONS:

Support and train an Airborne (Air Assault) Division, the 160th Special Operations Aviation Regiment, 5th Special Forces Group, and other non-divisional support units. Ensure the most efficient utilization of resources to operate the installation and discharge the Fort Campbell area support mission. Ensure that Fort Campbell is prepared for mobilization. Provide command and control, and prepare designated units to rapidly deploy worldwide for the performance of combat, combat support, and combat service support missions as assigned.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

| | (\$000) |
|-----------------------------------|---------|
| A. AIR POLLUTION | 0 |
| B. WATER POLLUTION | 0 |
| C. OCCUPATIONAL SAFETY AND HEALTH | 0 |

| | | | | | | |
|--|--|--|---------------------------|---|--|------------------|
| 1.COMONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2.DATE 10 FEB 2011 | |
| 3.INSTALLATION AND LOCATION Fort Campbell Kentucky | | | | 4.PROJECT TITLE Vehicle Maintenance Facility | | |
| 5.PROGRAM ELEMENT 22096A | | 6.CATEGORY CODE 214 | 7.PROJECT NUMBER 18646 | | 8.PROJECT COST (\$000) Auth 16,000 Approp 16,000 | |
| 9.COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 12,072 |
| Vehicle Maintenance Shop | | m2 (SF) | 3,344 (| 35,996) | 2,097 | (7,013) |
| Oil Storage Building | | m2 (SF) | 61.32 (| 660) | 1,055 | (65) |
| Hazardous Waste Storage | | m2 (SF) | 61.32 (| 660) | 846.85 | (52) |
| Organizational Storage | | m2 (SF) | 747.87 (| 8,050) | 1,069 | (800) |
| Organizational Vehicle Parking | | m2 (SY) | 32,954 (| 39,413) | 108.18 | (3,565) |
| Total from Continuation page | | | | | | (577) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 2,558 |
| Electric Service | | LS | -- | -- | -- | (426) |
| Water, Sewer, Gas | | LS | -- | -- | -- | (228) |
| Paving, Walks, Curbs & Gutters | | LS | -- | -- | -- | (206) |
| Storm Drainage | | LS | -- | -- | -- | (936) |
| Site Imp(294) Demo() | | LS | -- | -- | -- | (294) |
| Information Systems | | LS | -- | -- | -- | (288) |
| Antiterrorism Measures | | LS | -- | -- | -- | (180) |
| ESTIMATED CONTRACT COST | | | | | | 14,630 |
| CONTINGENCY (5.00%) | | | | | | 732 |
| SUBTOTAL | | | | | | 15,362 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 876 |
| TOTAL REQUEST | | | | | | 16,238 |
| TOTAL REQUEST (ROUNDED) | | | | | | 16,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10.Description of Proposed Construction Construct a standard design Vehicle Maintenance Shop. Project includes one medium Tactical Equipment Maintenance Facility, one Tactical Unmanned Aerial Vehicle (UAV) storage, organizational vehicle parking, organizational storage, oil and hazardous waste storage, building information systems, Intrusion Detection System (IDS) installation and Energy Monitoring and Control Systems (EMCS) connection. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include site development, utilities and connections, lighting, paving, parking, walks, curbs and gutters, storm drainage, information systems, fire protection and alarm systems, landscaping and signage . Heating and air conditioning will be provided by self contained system. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Access for individuals with disabilities will be provided. Air Conditioning (Estimated 387 kWr/110 Tons). | | | | | | |
| 11. REQ: | | 150,410 m2 | ADQT: | | 59,010 m2 | SUBSTD: 6,167 m2 |
| PROJECT: Construct a standard design Vehicle Maintenance Shop at Fort Campbell, Kentucky. (Current Mission). | | | | | | |

| | | |
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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Campbell, Kentucky

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Vehicle Maintenance Facility | 5. PROJECT NUMBER 18646 |
|--|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|-----------------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| UAV Storage Facility | m2 (SF) | 167.23 (1,800) | 1,154 | (193) |
| IDS Installation | LS | -- | -- | (35) |
| EMCS Connection | LS | -- | -- | (84) |
| SDD and EPAct05 | LS | -- | -- | (140) |
| Building Information Systems | LS | -- | -- | (125) |
| | | | Total | 577 |

REQUIREMENT: This project is required to provide mission critical facilities for the units at Fort Campbell. This project will provide maintenance, operations, and storage facilities that comply with the current Department of the Army standards for space, security, and storage for Soldiers stationed at Fort Campbell. This project will provide facilities as part of the Army Force Modernization at Fort Campbell.

CURRENT SITUATION: The units at Fort Campbell that require these facilities are currently in inadequate facilities that lack the proper maintenance facilities and organizational parking to support the units. The facilities lack overhead cranes, which limits the unit's ability to conduct proper maintenance. Adequate existing facilities are not available on the installation and Soldiers are forced to conduct maintenance outside. All existing maintenance facilities suitable for use are fully utilized.

IMPACT IF NOT PROVIDED: If this project is not provided, the Army will not be able to provide facilities to fully accomplish Force Modernization at Fort Campbell, Kentucky. Soldiers will continue to conduct maintenance outside. Operational, equipment, and training readiness will be adversely impacted directly by the lack of mission critical facilities. Inadequate facilities will adversely impact overall readiness and the ability to perform operational missions.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|----------------------------|------------------------------|-----------------|--|--------------|----------------------------|-----------------|-------------------------------|-----------------|--|------------|--|--|--|--|--|--|--|--|---|------------|---------------------------------|------------|----------------------------|------------|-------------------|------------|-------------------|------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. INSTALLATION AND LOCATION Fort Campbell, Kentucky | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. PROJECT TITLE Vehicle Maintenance Facility | 5. PROJECT NUMBER 18646 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>12. SUPPLEMENTAL DATA:</p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr><td>(a) Date Design Started.....</td><td><u>JUN 2007</u></td></tr> <tr><td>(b) Percent Complete As Of January 2011.....</td><td><u>35.00</u></td></tr> <tr><td>(c) Date 35% Designed.....</td><td><u>JAN 2011</u></td></tr> <tr><td>(d) Date Design Complete.....</td><td><u>OCT 2011</u></td></tr> <tr><td>(e) Parametric Cost Estimating Used to Develop Costs</td><td><u>YES</u></td></tr> <tr><td>(f) Type of Design Contract: Adapt-Build</td><td></td></tr> <tr><td>(g) An energy study and life cycle cost analysis will be documented during the final design.</td><td></td></tr> </table> <p>(2) Basis:</p> <table border="0"> <tr><td>(a) Standard or Definitive Design: YES</td><td></td></tr> <tr><td>(b) Where Most Recently Used: Fort Campbell</td><td></td></tr> </table> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table border="0"> <tr><td>(a) Production of Plans and Specifications.....</td><td><u>317</u></td></tr> <tr><td>(b) All Other Design Costs.....</td><td><u>634</u></td></tr> <tr><td>(c) Total Design Cost.....</td><td><u>951</u></td></tr> <tr><td>(d) Contract.....</td><td><u>634</u></td></tr> <tr><td>(e) In-house.....</td><td><u>317</u></td></tr> </table> <p>(4) Construction Contract Award..... <u>JAN 2012</u></p> <p>(5) Construction Start..... <u>APR 2012</u></p> <p>(6) Construction Completion..... <u>OCT 2013</u></p> | | | (a) Date Design Started..... | <u>JUN 2007</u> | (b) Percent Complete As Of January 2011..... | <u>35.00</u> | (c) Date 35% Designed..... | <u>JAN 2011</u> | (d) Date Design Complete..... | <u>OCT 2011</u> | (e) Parametric Cost Estimating Used to Develop Costs | <u>YES</u> | (f) Type of Design Contract: Adapt-Build | | (g) An energy study and life cycle cost analysis will be documented during the final design. | | (a) Standard or Definitive Design: YES | | (b) Where Most Recently Used: Fort Campbell | | (a) Production of Plans and Specifications..... | <u>317</u> | (b) All Other Design Costs..... | <u>634</u> | (c) Total Design Cost..... | <u>951</u> | (d) Contract..... | <u>634</u> | (e) In-house..... | <u>317</u> |
| (a) Date Design Started..... | <u>JUN 2007</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (b) Percent Complete As Of January 2011..... | <u>35.00</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (c) Date 35% Designed..... | <u>JAN 2011</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (d) Date Design Complete..... | <u>OCT 2011</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (e) Parametric Cost Estimating Used to Develop Costs | <u>YES</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (f) Type of Design Contract: Adapt-Build | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (g) An energy study and life cycle cost analysis will be documented during the final design. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (a) Standard or Definitive Design: YES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (b) Where Most Recently Used: Fort Campbell | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (a) Production of Plans and Specifications..... | <u>317</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (b) All Other Design Costs..... | <u>634</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (c) Total Design Cost..... | <u>951</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (d) Contract..... | <u>634</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (e) In-house..... | <u>317</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Fort Campbell, Kentucky

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Vehicle Maintenance Facility | 5. PROJECT NUMBER 18646 |
|--|--------------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| NA | | | |

Installation Engineer: Judith Hudson
Phone Number: 270-798-9700

| | | | | | | |
|---|--|--|----------------------------|--|---|------------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Campbell Kentucky | | | | 4. PROJECT TITLE Vehicle Maintenance Facility | | |
| 5. PROGRAM ELEMENT 22096A | | 6. CATEGORY CODE 214 | 7. PROJECT NUMBER 64297 | | 8. PROJECT COST (\$000) Auth 40,000 Approp 40,000 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 30,789 |
| Vehicle Maintenance Shop | | m2 (SF) | 6,688 (71,992) | | 2,097 | (14,025) |
| Oil Storage Building | | m2 (SF) | 139.35 (1,500) | | 1,050 | (146) |
| Hazardous Waste Storage | | m2 (SF) | 139.35 (1,500) | | 844.46 | (118) |
| Organizational Storage | | m2 (SF) | 1,496 (16,100) | | 1,075 | (1,607) |
| Administrative Facility | | m2 (SF) | 3,746 (40,319) | | 2,442 | (9,147) |
| Total from Continuation page | | | | | | (5,746) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 5,450 |
| Electric Service | | LS | -- | | -- | (752) |
| Water, Sewer, Gas | | LS | -- | | -- | (393) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (668) |
| Storm Drainage | | LS | -- | | -- | (1,244) |
| Site Imp(1,841) Demo(226) | | LS | -- | | -- | (2,067) |
| Information Systems | | LS | -- | | -- | (326) |
| ESTIMATED CONTRACT COST | | | | | | 36,239 |
| CONTINGENCY (5.00%) | | | | | | 1,812 |
| SUBTOTAL | | | | | | 38,051 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 2,169 |
| TOTAL REQUEST | | | | | | 40,220 |
| TOTAL REQUEST (ROUNDED) | | | | | | 40,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10. Description of Proposed Construction Construct standard design Vehicle Maintenance Shops. Project includes two medium Tactical Equipment Maintenance Facilities, organizational vehicle parking, organizational storage, oil and hazardous waste storage, administrative facility, building information systems, fire protection and alarm systems, Intrusion Detection System (IDS) installation and Energy Monitoring and Control Systems (EMCS) connection. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include site development, utilities and connections, lighting, paving, parking, walks, curbs and gutters, storm drainage, information systems, landscaping and signage. Heating and air conditioning will be provided by self contained system. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Access for individuals with disabilities will be provided. Comprehensive building and furnishing related interior design services are required. Demolish 9 buildings (TOTAL 2,407 m2/25,907 SF). Air Conditioning (Estimated 1,161 kW/330 Tons). | | | | | | |
| 11. REQ: | | 150,410 m2 | ADQT: | | 59,010 m2 | SUBSTD: 6,167 m2 |
| PROJECT: Construct standard design Vehicle Maintenance Shops at Fort Campbell, Kentucky. (Current Mission). | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Campbell, Kentucky

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Vehicle Maintenance Facility | 5. PROJECT NUMBER 64297 |
|--|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|------------------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| Organizational Vehicle Parking | m2 (SY) | 39,094 (46,756) | 110.59 | (4,324) |
| IDS Installation | LS | -- | -- | (12) |
| EMCS Connection | LS | -- | -- | (283) |
| SDD and EPAct05 | LS | -- | -- | (463) |
| Antiterrorism Measures | LS | -- | -- | (183) |
| Building Information Systems | LS | -- | -- | (481) |
| | | | Total | 5,746 |

REQUIREMENT: This project is required to provide mission critical facilities for the units at Fort Campbell. This project will provide maintenance, operations, and storage facilities that comply with the current Department of the Army standards for space, security, and storage for Soldiers stationed at Fort Campbell.

CURRENT SITUATION: The units at Fort Campbell that require these facilities are currently in inadequate facilities that lack the proper maintenance facilities and organizational parking. The facilities lack overhead cranes, which limits the ability to conduct proper maintenance. Because adequate existing facilities are not available on the installation, Soldiers are forced to conduct maintenance outside. All existing maintenance facilities suitable for use are fully utilized.

IMPACT IF NOT PROVIDED: If this project is not provided, the Army will not be able to provide facilities to fully accomplish the maintenance mission at Fort Campbell, Kentucky. Soldiers will continue to conduct maintenance outside. Operational, equipment, and training readiness will be adversely impacted by the lack of mission critical facilities. Inadequate facilities will adversely impact overall readiness and the ability to perform operational missions.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|----------------------------|------------------------------|-----------------|--|--------------|----------------------------|-----------------|-------------------------------|-----------------|--|------------|--|--|--|--|--|--|--|--|---|------------|---------------------------------|------------|----------------------------|--------------|-------------------|------------|-------------------|------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. INSTALLATION AND LOCATION Fort Campbell, Kentucky | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. PROJECT TITLE Vehicle Maintenance Facility | 5. PROJECT NUMBER 64297 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>12. SUPPLEMENTAL DATA:</p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr><td>(a) Date Design Started.....</td><td><u>SEP 2009</u></td></tr> <tr><td>(b) Percent Complete As Of January 2011.....</td><td><u>35.00</u></td></tr> <tr><td>(c) Date 35% Designed.....</td><td><u>JAN 2011</u></td></tr> <tr><td>(d) Date Design Complete.....</td><td><u>OCT 2011</u></td></tr> <tr><td>(e) Parametric Cost Estimating Used to Develop Costs</td><td><u>YES</u></td></tr> <tr><td>(f) Type of Design Contract: Adapt-Build</td><td></td></tr> <tr><td>(g) An energy study and life cycle cost analysis will be documented during the final design.</td><td></td></tr> </table> <p>(2) Basis:</p> <table border="0"> <tr><td>(a) Standard or Definitive Design: YES</td><td></td></tr> <tr><td>(b) Where Most Recently Used: Fort Campbell</td><td></td></tr> </table> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table border="0"> <tr><td>(a) Production of Plans and Specifications.....</td><td><u>627</u></td></tr> <tr><td>(b) All Other Design Costs.....</td><td><u>666</u></td></tr> <tr><td>(c) Total Design Cost.....</td><td><u>1,293</u></td></tr> <tr><td>(d) Contract.....</td><td><u>666</u></td></tr> <tr><td>(e) In-house.....</td><td><u>627</u></td></tr> </table> <p>(4) Construction Contract Award..... <u>JAN 2012</u></p> <p>(5) Construction Start..... <u>APR 2012</u></p> <p>(6) Construction Completion..... <u>APR 2014</u></p> | | | (a) Date Design Started..... | <u>SEP 2009</u> | (b) Percent Complete As Of January 2011..... | <u>35.00</u> | (c) Date 35% Designed..... | <u>JAN 2011</u> | (d) Date Design Complete..... | <u>OCT 2011</u> | (e) Parametric Cost Estimating Used to Develop Costs | <u>YES</u> | (f) Type of Design Contract: Adapt-Build | | (g) An energy study and life cycle cost analysis will be documented during the final design. | | (a) Standard or Definitive Design: YES | | (b) Where Most Recently Used: Fort Campbell | | (a) Production of Plans and Specifications..... | <u>627</u> | (b) All Other Design Costs..... | <u>666</u> | (c) Total Design Cost..... | <u>1,293</u> | (d) Contract..... | <u>666</u> | (e) In-house..... | <u>627</u> |
| (a) Date Design Started..... | <u>SEP 2009</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (b) Percent Complete As Of January 2011..... | <u>35.00</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (c) Date 35% Designed..... | <u>JAN 2011</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (d) Date Design Complete..... | <u>OCT 2011</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (e) Parametric Cost Estimating Used to Develop Costs | <u>YES</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (f) Type of Design Contract: Adapt-Build | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (g) An energy study and life cycle cost analysis will be documented during the final design. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (a) Standard or Definitive Design: YES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (b) Where Most Recently Used: Fort Campbell | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (a) Production of Plans and Specifications..... | <u>627</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (b) All Other Design Costs..... | <u>666</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (c) Total Design Cost..... | <u>1,293</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (d) Contract..... | <u>666</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (e) In-house..... | <u>627</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Campbell, Kentucky

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Vehicle Maintenance Facility | 5. PROJECT NUMBER 64297 |
|--|--------------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| NA | | | |

Installation Engineer: Judith Hudson
Phone Number: 270-798-9700

| | | | | | | |
|--|--|--|----------------------------|---|---|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Campbell Kentucky | | | | 4. PROJECT TITLE Physical Fitness Facility | | |
| 5. PROGRAM ELEMENT 22096A | | 6. CATEGORY CODE 740 | 7. PROJECT NUMBER 65147 | | 8. PROJECT COST (\$000) Auth 18,500 Approp 18,500 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 14,127 |
| Physical Fitness Facility | | m2 (SF) | 6,140 (66,095) | | 2,118 | (13,008) |
| Baseball Field | | EA | 2 -- | | 183,184 | (366) |
| Multipurpose Athletic Field | | EA | 1 -- | | 211,368 | (211) |
| EMCS Connection | | LS | -- | | -- | (161) |
| SDD and EPAct05 | | LS | -- | | -- | (268) |
| Building Information Systems | | LS | -- | | -- | (113) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 2,145 |
| Electric Service | | LS | -- | | -- | (249) |
| Water, Sewer, Gas | | LS | -- | | -- | (135) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (619) |
| Storm Drainage | | LS | -- | | -- | (317) |
| Site Imp(648) Demo() | | LS | -- | | -- | (648) |
| Information Systems | | LS | -- | | -- | (172) |
| Antiterrorism Measures | | LS | -- | | -- | (5) |
| ESTIMATED CONTRACT COST | | | | | | 16,272 |
| CONTINGENCY (5.00%) | | | | | | 814 |
| SUBTOTAL | | | | | | 17,086 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 974 |
| DESIGN/BUILD - DESIGN COST | | | | | | 683 |
| TOTAL REQUEST | | | | | | 18,743 |
| TOTAL REQUEST (ROUNDED) | | | | | | 18,500 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10. Description of Proposed Construction Construct a standard design Medium Physical Fitness Facility. The Physical Fitness Facility is composed of a multipurpose court, racquetball/handball/ squash courts, fitness module for both circuit and free weights, cardiovascular exercise room, elevated indoor jogging track, men's and women's locker rooms with showers, saunas, toilets, administrative space, lounge area, public toilets, vending area, laundry, equipment issue area, building information systems, fire protection and alarm systems, and Energy Monitoring and Control System (EMCS) connection. Additionally, construct a standard design lighted multipurpose Athletic/Soccer field and two Baseball Fields. Supporting facilities will include connection to water, electric, sewer and natural gas utilities, site improvement, fencing, parking, lighting, paving, walks, curbs and gutters, storm drainage, landscaping and signage. Anti-Terrorism/Force Protection measures shall also be provided. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. Heating and air conditioning will be provided by a self contained system. Air Conditioning (Estimated 703 kW _r /200 Tons). | | | | | | |

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| 1. COMPONENT | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE |
| ARMY | | 10 FEB 2011 |

3. INSTALLATION AND LOCATION
Fort Campbell, Kentucky

| | |
|---------------------------|-------------------|
| 4. PROJECT TITLE | 5. PROJECT NUMBER |
| Physical Fitness Facility | 65147 |

11. REQ: 25,410 m2 ADQT: 9,936 m2 SUBSTD: 2,991 m2

PROJECT: Construct a standard design Physical Fitness Facility at Fort Campbell, Kentucky. (Current Mission)

REQUIREMENT: This project is required to provide a consolidated Physical Fitness Facility for approximately 5,000 military personnel and their families that are being stationed at Fort Campbell, KY. Troops have moved into barracks in the newly developed Brigade Combat Team (BCT) complex. The nearest fitness center is 3.6 miles away; there are no nearby facilities to enable the troops to maintain their tactical fitness. The project will provide facilities to maintain required fitness levels for active duty personnel, as well as provide facilities for recreational use. These facilities will also increase the quality of life for military dependents.

CURRENT SITUATION: This is a new area being developed for a Brigade Combat Team (BCT). This area is a remote part of the installation. There are no facilities currently in this area of the post.

IMPACT IF NOT PROVIDED: If this project is not provided, Fort Campbell will continue to suffer from a shortfall of adequate Physical Fitness Facilities. This situation will adversely impact physical fitness training and conditioning. In addition, Soldiers housed in the new barracks complex areas will be required to find transportation to the already overcrowded existing facilities.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
 - (1) Status:
 - (a) Date Design Started..... OCT 2007
 - (b) Percent Complete As Of January 2011..... 20.00
 - (c) Date 35% Designed..... JAN 2012
 - (d) Date Design Complete..... JUL 2012
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-build

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Fort Campbell, Kentucky

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Physical Fitness Facility | 5. PROJECT NUMBER 65147 |
|---|--------------------------------|

12. SUPPLEMENTAL DATA: (Continued)

- A. Estimated Design Data: (Continued)
- (g) An energy study and life cycle cost analysis will be documented during the final design.
 - (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Stewart
 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

| | |
|---|-------|
| (a) Production of Plans and Specifications..... | 365 |
| (b) All Other Design Costs..... | 730 |
| (c) Total Design Cost..... | 1,095 |
| (d) Contract..... | 730 |
| (e) In-house..... | 365 |
 - (4) Construction Contract Award..... JAN 2012
 - (5) Construction Start..... APR 2012
 - (6) Construction Completion..... OCT 2013

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

| <u>Equipment</u> <u>Nomenclature</u> | <u>Procuring</u> <u>Appropriation</u> | <u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u> | <u>Cost</u> <u>(\$000)</u> |
|---|--|--|-------------------------------|
| NA | | | |

Installation Engineer: Judith Hudson
Phone Number: 270-798-9700

| | | | | | | |
|--|--|--|----------------------------|--|---|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Campbell Kentucky | | | | 4. PROJECT TITLE Unmanned Aerial Vehicle Maintenance Hangar | | |
| 5. PROGRAM ELEMENT 22096A | | 6. CATEGORY CODE 211 | 7. PROJECT NUMBER 69501 | | 8. PROJECT COST (\$000) Auth 67,000 Approp 67,000 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 39,738 |
| UAV Maintenance Hangar | | m2 (SF) | 12,402 (133,498) | | 2,440 | (30,263) |
| Company Operations Facility | | m2 (SF) | 1,633 (17,575) | | 2,146 | (3,505) |
| Covered Hardstand | | m2 (SF) | 277.32 (2,985) | | 719.63 | (200) |
| Remote Switching Unit Bldg | | m2 (SF) | 139.35 (1,500) | | 7,589 | (1,058) |
| Fixed-Wing Runway Extension | | m2 (SY) | 5,110 (6,111) | | 197.94 | (1,011) |
| Total from Continuation page | | | | | | (3,701) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 18,858 |
| Electric Service | | LS | -- | | -- | (2,522) |
| Water, Sewer, Gas | | LS | -- | | -- | (7,488) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (2,184) |
| Storm Drainage | | LS | -- | | -- | (1,423) |
| Site Imp(4,115) Demo() | | LS | -- | | -- | (4,115) |
| Information Systems | | LS | -- | | -- | (1,083) |
| Antiterrorism Measures | | LS | -- | | -- | (43) |
| ESTIMATED CONTRACT COST | | | | | | 58,596 |
| CONTINGENCY (5.00%) | | | | | | 2,930 |
| SUBTOTAL | | | | | | 61,526 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 3,507 |
| DESIGN/BUILD - DESIGN COST | | | | | | 2,461 |
| TOTAL REQUEST | | | | | | 67,494 |
| TOTAL REQUEST (ROUNDED) | | | | | | 67,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10. Description of Proposed Construction Construct an Unmanned Aerial Vehicle (UAV) Maintenance Hangar to include a standard design operations and maintenance hangar, company operations facility with covered hardstand, runway extension, taxiways, taxiway extension, apron, ramp, aircraft run-up area, and remote switching station. Work also includes building information systems, fire protection and alarm systems, Intrusion Detection System (IDS) installation, and Energy Monitoring and Control Systems (EMCS) connection. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include site development, utilities and connections, lighting, paving, parking, walks, curbs and gutters, storm drainage, information systems, landscaping and signage. Heating and air conditioning will be provided by self contained systems. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided as required. Air Conditioning (Estimated 601 kW/171 Tons). | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Fort Campbell, Kentucky

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Unmanned Aerial Vehicle Maintenance Hangar | 5. PROJECT NUMBER 69501 |
|--|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|----------------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| Fixed-Wing Taxiway w/Edge Light | m2 (SY) | 3,498 (4,184) | 220.02 | (770) |
| Fixed Wing Ramp | m2 (SY) | 1,742 (2,084) | 136.86 | (238) |
| Fixed Wing Run-up Pad | m2 (SY) | 809.37 (968) | 119.02 | (96) |
| Hanger Access Apron | m2 (SY) | 2,899 (3,467) | 119.53 | (346) |
| Fixed-Wing Taxiway Extension | m2 (SY) | 2,555 (3,056) | 220.07 | (562) |
| IDS Installation | LS | -- | -- | (30) |
| EMCS Connection | LS | -- | -- | (319) |
| SDD and EPAct05 | LS | -- | -- | (662) |
| Building Information Systems | LS | -- | -- | (678) |
| | | | Total | 3,701 |

11. REQ: 15,704 m2 ADQT: NONE SUBSTD: NONE

PROJECT: Construct an Unmanned Aerial Vehicle (UAV) Maintenance Hangar at Fort Campbell, Kentucky. (Current Mission)

REQUIREMENT: This project is required to provide facilities for fielding an Extended Range/Multipurpose (ERMP) Unmanned Aircraft System (UAS) Company at Fort Campbell. This will allow the ERMP UAS to provide the capability to perform reconnaissance, surveillance, communications and target acquisition. These facilities are required to provide aircraft maintenance, repair, storage, as well as administration of company operations.

CURRENT SITUATION: Currently there are no Extended Range/Multipurpose (ERMP) Unmanned Aircraft System (UAS) Companies at Fort Campbell, Kentucky. No facilities currently exists that meet the current Department of the Army Standards or that are available to provide aircraft maintenance, repair and storage; aircraft administrative operations; company operations; and aircraft operations to support this unit. Other aircraft maintenance hangars exist on the installation, but they are designed to support other airframes and are fully utilized. The installation also has existing company operations facilities, but these are also fully utilized by other units.

IMPACT IF NOT PROVIDED: If this project is not provided, the Extended Range Multipurpose Unmanned Aerial Vehicle Company that will be stationed at Fort Campbell will lack adequate facilities to perform mission training, maintenance, and efficient operations. Lack of adequate facilities will negatively impact operational readiness and the sustainment of combat capabilities for this increasingly critical warfighting technology.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Fort Campbell, Kentucky

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|--|--------------------------------|
| 4. PROJECT TITLE Unmanned Aerial Vehicle Maintenance Hangar | 5. PROJECT NUMBER 69501 |
|--|--------------------------------|

ADDITIONAL: (CONTINUED)
is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... SEP 2010
 - (b) Percent Complete As Of January 2011..... 15.00
 - (c) Date 35% Designed..... JAN 2012
 - (d) Date Design Complete..... OCT 2012
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-build

- (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Campbell

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 1,248
 - (b) All Other Design Costs..... 1,248
 - (c) Total Design Cost..... 2,496
 - (d) Contract..... 1,248
 - (e) In-house..... 1,248

(4) Construction Contract Award..... JAN 2012

(5) Construction Start..... APR 2012

(6) Construction Completion..... APR 2014

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Fort Campbell, Kentucky

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Unmanned Aerial Vehicle Maintenance Hangar | 5. PROJECT NUMBER 69501 |
|--|--------------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment</u> <u>Nomenclature</u> | <u>Procuring</u> <u>Appropriation</u> | <u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u> | <u>Cost</u> <u>(\$000)</u> |
|---|--|--|-------------------------------|
| NA | | | |

Installation Engineer: Judith Hudson
Phone Number: 270-798-9700

| | | | | | |
|--|-------------------------|--|---|------------------------|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Campbell Kentucky | | | 4. PROJECT TITLE Scout/Recce Gunnery Range | | |
| 5. PROGRAM ELEMENT 22212A | 6. CATEGORY CODE 178 | 7. PROJECT NUMBER 71703 | 8. PROJECT COST (\$000) Auth 18,000 Approp 18,000 | | |
| 9. COST ESTIMATES | | | | | |
| ITEM | | UM (M/E) | QUANTITY | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | 15,681 |
| Scout/RECCE Gunnery Complex | | LN | 1 -- | 13731033 | (13,731) |
| Range Operations Control Area | | EA | 1 -- | 192,641 | (193) |
| Control Tower | | EA | 1 -- | 466,555 | (467) |
| Operations/Storage Building | | m2 (SF) | 167.23 (1,800) | 2,559 | (428) |
| Latrine | | m2 (SF) | 30.66 (330) | 6,423 | (197) |
| Total from Continuation page | | | | | (665) |
| <u>SUPPORTING FACILITIES</u> | | | | | 530 |
| Electric Service | | LS | -- | -- | (68) |
| Paving, Walks, Curbs & Gutters | | LS | -- | -- | (87) |
| Storm Drainage | | LS | -- | -- | (91) |
| Site Imp(17) Demo() | | LS | -- | -- | (17) |
| Information Systems | | LS | -- | -- | (267) |
| ESTIMATED CONTRACT COST | | | | | 16,211 |
| CONTINGENCY (5.00%) | | | | | 811 |
| SUBTOTAL | | | | | 17,022 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | 970 |
| TOTAL REQUEST | | | | | 17,992 |
| TOTAL REQUEST (ROUNDED) | | | | | 18,000 |
| INSTALLED EQT-OTHER APPROP | | | | | (4,133) |
| 10. Description of Proposed Construction Construct a standard design Scout Reconnaissance Gunnery (Scout Recce) Range. Primary facilities include the Scout Recce Range, range operations and control area, control tower, operations/storage building, latrine, bleacher enclosure, covered mess, after action review building, ammunition loading dock, unit staging area, and building information systems. Supporting facilities include electric service; paving, walks, curbs and gutters; storm drainage; site improvements; and information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct 05) will be provided. Air Conditioning (Estimated 42 kW/12 Tons). | | | | | |
| 11. REQ: 1 LN ADQT: NONE SUBSTD: 1 LN PROJECT: Construct a standard design Scout Reconnaissance Gunnery (Scout Recce) Range at Fort Campbell, Kentucky. (Current Mission) REQUIREMENT: This range is required to provide units with gunnery training events leading to combat readiness. The reorganization under Army Transformation has added Scout Reconnaissance units as part of the organization of the four Infantry Brigade Combat Teams. CURRENT SITUATION: There is not a range capable of supporting Scout Reconnaissance Gunnery training to standard on Fort Campbell. Current gunnery live fire exercises are executed on non-standard ranges that do not support | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Fort Campbell, Kentucky

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Scout/Recce Gunnery Range | 5. PROJECT NUMBER 71703 |
|---|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|-----------------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| Bleacher Enclosure | EA | 1 -- | 117,968 | (118) |
| Covered Mess | m2 (SF) | 74.32 (800) | 1,479 | (110) |
| After Action Review Building | m2 (SF) | 98.85 (1,064) | 2,375 | (235) |
| Ammunition Loading Dock | EA | 1 -- | 38,270 | (38) |
| Unit Staging Area | m2 (SF) | 1,254 (13,500) | 28.60 | (36) |
| SDD and EPAct05 | LS | -- | -- | (23) |
| Building Information Systems | LS | -- | -- | (105) |
| | | | Total | 665 |

CURRENT SITUATION: (CONTINUED)
the gunnery qualification standards for Scout Reconnaissance units. The ranges used to train weapons are spread across a wide area requiring units to support numerous ranges to accomplish modified weapons qualification. This situation leads to logistical complications for each unit. Existing ranges do not provide modernized targetry or scoring.

IMPACT IF NOT PROVIDED: If this project is not provided, Scout Reconnaissance units will not be qualified to established Army standards and will have to execute additional gunnery tables at other locations prior to deployment to any theater of combat. Soldiers and units will be deemed "Un-Trained" and not combat ready if this range is not provided for home station training at Fort Campbell. Units will continue to train under circumstances that will negatively impact the degree of proficiency required for combat.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Campbell, Kentucky

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Scout/Recce Gunnery Range | 5. PROJECT NUMBER 71703 |
|---|--------------------------------|

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... AUG 2010
 - (b) Percent Complete As Of January 2011..... 35.00
 - (c) Date 35% Designed..... JAN 2011
 - (d) Date Design Complete..... OCT 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build
 - (g) An energy study and life cycle cost analysis will be documented during the final design.

- (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Carson

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 935
 - (b) All Other Design Costs..... 562
 - (c) Total Design Cost..... 1,497
 - (d) Contract..... 857
 - (e) In-house..... 640

- (4) Construction Contract Award..... JAN 2012
- (5) Construction Start..... APR 2012
- (6) Construction Completion..... OCT 2013

| | | |
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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Campbell, Kentucky

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Scout/Recce Gunnery Range | 5. PROJECT NUMBER 71703 |
|---|--------------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| Target Equipment | OPA | 2014 | 4,086 |
| Info Sys - ISC | OPA | 2013 | 47 |
| | | TOTAL | <u>4,133</u> |

Installation Engineer: Judith Hudson
Phone Number: 270-798-9700

| | | | | | |
|--|-------------------------|--|---|------------------------|----------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Campbell Kentucky | | | 4. PROJECT TITLE Barracks Complex | | |
| 5. PROGRAM ELEMENT 22096A | 6. CATEGORY CODE 721 | 7. PROJECT NUMBER 72684 | 8. PROJECT COST (\$000) Auth 65,000 Approp 65,000 | | |
| 9. COST ESTIMATES | | | | | |
| ITEM | | UM (M/E) | QUANTITY | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | 41,171 |
| Barracks | m2 (SF) | | 19,413 (208,961) | 2,013 | (39,076) |
| EMCS Connections | LS | | -- | -- | (220) |
| SDD and EPAct05 | LS | | -- | -- | (769) |
| Antiterrorism Measures | LS | | -- | -- | (769) |
| Building Information Systems | LS | | -- | -- | (337) |
| <u>SUPPORTING FACILITIES</u> | | | | | 14,880 |
| Electric Service | LS | | -- | -- | (777) |
| Water, Sewer, Gas | LS | | -- | -- | (533) |
| Paving, Walks, Curbs & Gutters | LS | | -- | -- | (3,725) |
| Storm Drainage | LS | | -- | -- | (133) |
| Site Imp(3,262) Demo(6,281) | LS | | -- | -- | (9,543) |
| Information Systems | LS | | -- | -- | (81) |
| Antiterrorism Measures | LS | | -- | -- | (88) |
| ESTIMATED CONTRACT COST | | | | | 56,051 |
| CONTINGENCY (5.00%) | | | | | 2,803 |
| SUBTOTAL | | | | | 58,854 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | 3,355 |
| DESIGN/BUILD - DESIGN COST | | | | | 2,354 |
| TOTAL REQUEST | | | | | 64,563 |
| TOTAL REQUEST (ROUNDED) | | | | | 65,000 |
| INSTALLED EQT-OTHER APPROP | | | | | () |
| 10. Description of Proposed Construction Construct a standard-design barracks. Work includes construction of standard design barracks and building information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Construction includes connection to the energy monitoring and control systems (EMCS). Supporting facilities include utilities; information systems, electric service; fire protection and alarm systems; paving, walks, curbs and gutters; parking; access roads; storm drainage; information systems; and site improvements. Heating and air conditioning will be provided by self contained units. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism Standards for Buildings will be provided. Access for individuals with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Demolish 5 buildings (TOTAL 16,672 m2/179,460 SF). Air Conditioning (Estimated 1,213 kW/345 Tons). | | | | | |
| 11. REQ: | | 10,201 PN | ADQT: | 9,389 PN | SUBSTD: 812 PN |
| PROJECT: Construct a standard design barracks at Fort Campbell, Kentucky. (Current Mission) | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Fort Campbell, Kentucky | | |
| 4. PROJECT TITLE Barracks Complex | 5. PROJECT NUMBER 72684 | |
| <p><u>REQUIREMENT:</u> This project is required to support the stationing of Echelons Above Brigade units at Fort Campbell. Maximum barracks utilization for this project is 528 spaces. The intended use is for 448 junior enlisted Soldiers and 40 junior noncommissioned officers.</p> <p><u>CURRENT SITUATION:</u> Soldiers are currently living in inadequate Korean War era barracks that do not meet the minimum square footage required by current standards. The current barracks have gang latrines which afford Soldier little, if any, privacy. Deteriorating heating and cooling systems provide inadequate climate control. These existing buildings do not meet current life safety codes and cannot meet current energy standards. In addition, the undersized sewage lines and aging plumbing system frequently cause overflow and leakage into the hallways and living spaces. The existing facilities also lack adequate security features or current fire protection systems. The lack of modern living conditions has decreased the quality of life for these Soldiers.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, single Soldiers stationed at Fort Campbell will continue to live in barracks which lack authorized living space; properly functioning heating and cooling systems; adequately sized utilities; safety and security components; and other features that provide security, privacy and comfort for Soldiers according to current standards. Soldiers will continue to live and work in substandard and deteriorated facilities, which will adversely impact morale.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p> <p>During the past two years, \$7.14M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Campbell. Upon completion of this multi-phased project and other projects approved through FY 2012, the remaining unaccompanied enlisted permanent party deficit is 1,382 personnel at this installation.</p> | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Campbell, Kentucky

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Barracks Complex | 5. PROJECT NUMBER 72684 |
|--|--------------------------------|

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... SEP 2010
 - (b) Percent Complete As Of January 2011..... 15.00
 - (c) Date 35% Designed..... JAN 2012
 - (d) Date Design Complete..... OCT 2012
 - (e) Parametric Cost Estimating Used to Develop Costs NO
 - (f) Type of Design Contract: Design-build

- (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Campbell

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 1,500
 - (b) All Other Design Costs..... 850
 - (c) Total Design Cost..... 2,350
 - (d) Contract..... 1,500
 - (e) In-house..... 850

- (4) Construction Contract Award..... JAN 2012
- (5) Construction Start..... APR 2012
- (6) Construction Completion..... APR 2014

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

| <u>Equipment</u> <u>Nomenclature</u> | <u>Procuring</u> <u>Appropriation</u> | <u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u> | <u>Cost</u> <u>(\$000)</u> |
|---|--|--|-------------------------------|
|---|--|--|-------------------------------|

NA

Installation Engineer: Judith Hudson

Phone Number: 270-798-9700

| | | | | | | |
|--|--|--|----------------------------|------------------------------|---|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Campbell Kentucky | | | | 4. PROJECT TITLE Barracks | | |
| 5. PROGRAM ELEMENT 22096A | | 6. CATEGORY CODE 721 | 7. PROJECT NUMBER 73541 | | 8. PROJECT COST (\$000) Auth 23,000 Approp 23,000 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 17,484 |
| Barracks | | m2 (SF) | 8,463 (91,090) | | 1,981 | (16,761) |
| EMCS Connections | | LS | -- | | -- | (87) |
| SDD and EPAct05 | | LS | -- | | -- | (334) |
| Building Information Systems | | LS | -- | | -- | (302) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 2,521 |
| Electric Service | | LS | -- | | -- | (452) |
| Water, Sewer, Gas | | LS | -- | | -- | (273) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (950) |
| Storm Drainage | | LS | -- | | -- | (392) |
| Site Imp(306) Demo() | | LS | -- | | -- | (306) |
| Information Systems | | LS | -- | | -- | (72) |
| Antiterrorism Measures | | LS | -- | | -- | (76) |
| ESTIMATED CONTRACT COST | | | | | | 20,005 |
| CONTINGENCY (5.00%) | | | | | | 1,000 |
| SUBTOTAL | | | | | | 21,005 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 1,197 |
| DESIGN/BUILD - DESIGN COST | | | | | | 840 |
| TOTAL REQUEST | | | | | | 23,042 |
| TOTAL REQUEST (ROUNDED) | | | | | | 23,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10. Description of Proposed Construction Construct a standard-design barracks. Work includes construction of standard design barracks, building information systems, and connection to the Energy Monitoring and Control System (EMCS). Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; parking; access roads; storm drainage; information systems; and site improvements. Heating and air conditioning will be provided by self contained units. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism Standards for Buildings will be provided. Access for individuals with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Air Conditioning (Estimated 1,407 kW/400 Tons). | | | | | | |
| 11. REQ: | | 10,201 PN | ADQT: 9,389 PN | | SUBSTD: | 812 PN |
| PROJECT: Construct a standard design barracks at Fort Campbell, Kentucky. (Current Mission) | | | | | | |

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|---|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Fort Campbell, Kentucky | | |
| 4. PROJECT TITLE Barracks | 5. PROJECT NUMBER 73541 | |
| <p><u>REQUIREMENT:</u> This project is required to provide barracks that comply with the current Department of the Army standards for space, security, storage, and privacy for Soldiers stationed at Fort Campbell. Maximum barracks utilization for this project is 244 spaces. The intended use is for 170 junior enlisted Soldiers and 37 junior noncommissioned officers.</p> <p><u>CURRENT SITUATION:</u> Soldiers are currently living in inadequate Korean War era barracks that do not meet the minimum square footage required by current Department of Army standards. The current barracks have gang latrines which afford Soldiers little, if any, privacy. Deteriorating heating and cooling systems provide inadequate climate control. These existing buildings do not meet current life safety codes and cannot meet current energy standards. In addition, the undersized sewage lines and aging plumbing system frequently cause overflow and leakage into the hallways and living spaces. The existing facilities also lack adequate security features or current fire protection systems. The lack of modern living conditions has decreased the quality of life for these Soldiers.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, single Soldiers stationed at Fort Campbell will continue to live in barracks which lack authorized living space; properly functioning heating and cooling systems; adequately sized utilities; safety and security components; and other features that provide security, privacy and comfort for Soldiers according to current Army standards. Soldiers will continue to live and work in substandard and deteriorated facilities, which will adversely impact morale.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p> <p>During the past two years, \$7.14M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Campbell. Upon completion of this multi-phased project and other projects approved through FY 2012, the remaining unaccompanied enlisted permanent party deficit is 1,382 personnel at this installation.</p> | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|----------------------------|------------------------------|-----------------|--|--------------|----------------------------|-----------------|-------------------------------|-----------------|--|------------|---|--|---|------------|---------------------------------|------------|----------------------------|--------------|-------------------|------------|-------------------|------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 | | | | | | | | | | | | | | | | | | | | | | |
| 3. INSTALLATION AND LOCATION Fort Campbell, Kentucky | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. PROJECT TITLE Barracks | 5. PROJECT NUMBER 73541 | | | | | | | | | | | | | | | | | | | | | | | |
| <p>12. SUPPLEMENTAL DATA:</p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr> <td>(a) Date Design Started.....</td> <td style="text-align: right;"><u>JUN 2010</u></td> </tr> <tr> <td>(b) Percent Complete As Of January 2011.....</td> <td style="text-align: right;"><u>15.00</u></td> </tr> <tr> <td>(c) Date 35% Designed.....</td> <td style="text-align: right;"><u>JAN 2012</u></td> </tr> <tr> <td>(d) Date Design Complete.....</td> <td style="text-align: right;"><u>APR 2012</u></td> </tr> <tr> <td>(e) Parametric Cost Estimating Used to Develop Costs</td> <td style="text-align: right;"><u>YES</u></td> </tr> <tr> <td>(f) Type of Design Contract: Design-build</td> <td></td> </tr> </table> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design: YES</p> <p>(b) Where Most Recently Used: Fort Campbell</p> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table border="0"> <tr> <td>(a) Production of Plans and Specifications.....</td> <td style="text-align: right;"><u>576</u></td> </tr> <tr> <td>(b) All Other Design Costs.....</td> <td style="text-align: right;"><u>864</u></td> </tr> <tr> <td>(c) Total Design Cost.....</td> <td style="text-align: right;"><u>1,440</u></td> </tr> <tr> <td>(d) Contract.....</td> <td style="text-align: right;"><u>864</u></td> </tr> <tr> <td>(e) In-house.....</td> <td style="text-align: right;"><u>576</u></td> </tr> </table> <p>(4) Construction Contract Award..... <u>JAN 2012</u></p> <p>(5) Construction Start..... <u>APR 2012</u></p> <p>(6) Construction Completion..... <u>APR 2014</u></p> | | | (a) Date Design Started..... | <u>JUN 2010</u> | (b) Percent Complete As Of January 2011..... | <u>15.00</u> | (c) Date 35% Designed..... | <u>JAN 2012</u> | (d) Date Design Complete..... | <u>APR 2012</u> | (e) Parametric Cost Estimating Used to Develop Costs | <u>YES</u> | (f) Type of Design Contract: Design-build | | (a) Production of Plans and Specifications..... | <u>576</u> | (b) All Other Design Costs..... | <u>864</u> | (c) Total Design Cost..... | <u>1,440</u> | (d) Contract..... | <u>864</u> | (e) In-house..... | <u>576</u> |
| (a) Date Design Started..... | <u>JUN 2010</u> | | | | | | | | | | | | | | | | | | | | | | | |
| (b) Percent Complete As Of January 2011..... | <u>15.00</u> | | | | | | | | | | | | | | | | | | | | | | | |
| (c) Date 35% Designed..... | <u>JAN 2012</u> | | | | | | | | | | | | | | | | | | | | | | | |
| (d) Date Design Complete..... | <u>APR 2012</u> | | | | | | | | | | | | | | | | | | | | | | | |
| (e) Parametric Cost Estimating Used to Develop Costs | <u>YES</u> | | | | | | | | | | | | | | | | | | | | | | | |
| (f) Type of Design Contract: Design-build | | | | | | | | | | | | | | | | | | | | | | | | |
| (a) Production of Plans and Specifications..... | <u>576</u> | | | | | | | | | | | | | | | | | | | | | | | |
| (b) All Other Design Costs..... | <u>864</u> | | | | | | | | | | | | | | | | | | | | | | | |
| (c) Total Design Cost..... | <u>1,440</u> | | | | | | | | | | | | | | | | | | | | | | | |
| (d) Contract..... | <u>864</u> | | | | | | | | | | | | | | | | | | | | | | | |
| (e) In-house..... | <u>576</u> | | | | | | | | | | | | | | | | | | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Fort Campbell, Kentucky

| | |
|----------------------------------|--------------------------------|
| 4. PROJECT TITLE Barracks | 5. PROJECT NUMBER 73541 |
|----------------------------------|--------------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| NA | | | |

Installation Engineer: Judith Hudson
Phone Number: 270-798-9700

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|--|---------------------------------------|--|---|---------|---------------|--|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | | | | | | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Fort Knox Kentucky | | | 4. COMMAND US Army Installation Management Command | | | 5. AREA CONSTRUCTION COST INDEX 1.02 | |
| 6. PERSONNEL STRENGTH: | | | | | | | |
| | PERMANENT | | STUDENTS | | | SUPPORTED | |
| | OFFICER | ENLIST | CIVIL | OFFICER | ENLIST | CIVIL | TOTAL |
| A. AS OF 05 NOV 2010 | 2046 | 8588 | 5764 | 459 | 7336 | 6 | 52 885 5977 31,113 |
| B. END FY 2016 | 2136 | 7905 | 5093 | 23 | 275 | 67 | 47 595 5302 21,443 |
| 7. INVENTORY DATA (\$000) | | | | | | | |
| A. TOTAL AREA..... | 44,156 ha | | (109,111 AC) | | | | |
| B. INVENTORY TOTAL AS OF 31 DEC 2010..... | | | | | | | 6,653,546 |
| C. AUTHORIZATION NOT YET IN INVENTORY..... | | | | | | | 316,435 |
| D. AUTHORIZATION REQUESTED IN THE FY 2012 PROGRAM..... | | | | | | | 55,000 |
| E. AUTHORIZATION INCLUDED IN THE FY 2013 PROGRAM..... | | | | | | | 4,950 |
| F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY)..... | | | | | | | 0 |
| G. REMAINING DEFICIENCY..... | | | | | | | 375,934 |
| H. GRAND TOTAL..... | | | | | | | 7,405,865 |
| 8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2012 PROGRAM: | | | | | | | |
| CATEGORY PROJECT | | PROJECT TITLE | | COST | DESIGN STATUS | | |
| CODE | NUMBER | | | (\$000) | START | COMPLETE | |
| 178 | 64823 | Automated Infantry Platoon Battle Course | | 7,000 | 09/2009 | 10/2011 | |
| 721 | 65293 | Battalion Complex | | 48,000 | 08/2010 | 10/2012 | |
| TOTAL | | | | 55,000 | | | |
| 9. FUTURE PROJECT APPROPRIATIONS: | | | | | | | |
| CATEGORY | | PROJECT TITLE | | COST | | | |
| CODE | | | | (\$000) | | | |
| A. INCLUDED IN THE FY 2013 PROGRAM: | | | | | | | |
| 178 | Infantry Squad Battle Course | | | 4,950 | | | |
| TOTAL | | | | 4,950 | | | |
| B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE | | | | | | | |
| C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): N/A | | | | | | | |
| 10. MISSION OR MAJOR FUNCTIONS: | | | | | | | |
| Fort Knox houses the following: Headquarters Fort Knox, Human Resources Center of Excellence, Brigade Combat Team, HQ USA Recruiting Command, USA Accessions Support Bde, Fort Knox MEDDAC, Fort Knox DENTAC, 46th AG Battalion (Reception), US Army Research Institute, USA Test & Evaluation Command, U.S. Army Second ROTC Region, U.S. Army ROTC Cadet Command, Logistical Assistance and Protection of Gold Depository, Det 5, USA NCO Academy/Drill Sergeant School, U.S. Army Legal Services Agency, AMC Logistic Assistance Office - Fort Knox, Fort Knox District, Third Region, USACIDC, U.S. Army TMDE Support Operation, Summer Training, Reserve and National Guard Training Support, and Support of Civilian Components. | | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | 2. DATE 10 FEB 2011 |
|----------------------|---------------------------------------|------------------------|

INSTALLATION AND LOCATION: Fort Knox, Kentucky

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

| | |
|-----------------------------------|---------|
| | (\$000) |
| A. AIR POLLUTION | 0 |
| B. WATER POLLUTION | 0 |
| C. OCCUPATIONAL SAFETY AND HEALTH | 0 |

| | | | | | | |
|---|--|--|--------------------------------|--|---|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Knox Kentucky | | | | 4. PROJECT TITLE Automated Infantry Platoon Battle Course | | |
| 5. PROGRAM ELEMENT 22212A | | 6. CATEGORY CODE 178 | 7. PROJECT NUMBER 64823 | | 8. PROJECT COST (\$000) Auth 7,000 Approp 7,000 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 5,891 |
| Infantry Platoon Battle Course | | FP | 6 -- | | 663,529 | (3,981) |
| Range Operations & Control Area | | EA | 1 -- | | 552,358 | (552) |
| Range Operations Center (ROC) | | m2 (SF) | 74.32 (800) | | 2,546 | (189) |
| Operations/Storage Building | | m2 (SF) | 74.32 (800) | | 2,379 | (177) |
| Classroom Building | | m2 (SF) | 74.32 (800) | | 3,074 | (228) |
| Total from Continuation page | | | | | | (764) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 409 |
| Electric Service | | LS | -- | | -- | (27) |
| Site Imp(6) Demo(5) | | LS | -- | | -- | (11) |
| Information Systems | | LS | -- | | -- | (371) |
| ESTIMATED CONTRACT COST | | | | | | 6,300 |
| CONTINGENCY (5.00%) | | | | | | 315 |
| SUBTOTAL | | | | | | 6,615 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 377 |
| TOTAL REQUEST | | | | | | 6,992 |
| TOTAL REQUEST (ROUNDED) | | | | | | 7,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | (1,452) |
| 10. Description of Proposed Construction Modernize existing range to construct a modified design Infantry Platoon Battle Course (IPBC). Primary facilities include the IPBC, range operations and control area, range operations center, operations/storage building, classroom building, latrine, bleacher enclosure, covered mess, ammunition breakdown building, and building information systems. Supporting facilities include electric service, site improvement, and information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct 05) features will be provided. Demolish 2 buildings (TOTAL 93 m2/1,000 SF). Air Conditioning (Estimated 28 kW/8 Tons). | | | | | | |
| 11. REQ: 6 FP ADQT: NONE SUBSTD: NONE | | | | | | |
| PROJECT: Modernize existing range to construct a modified design Infantry Platoon Battle Course (IPBC) at Fort Knox, Kentucky. (Current Mission) | | | | | | |
| REQUIREMENT: This project is required to train and test infantry platoons, either mounted or dismounted, on the skills necessary to conduct tactical movement techniques, and detect, identify, engage, and defeat stationary and moving infantry and armor targets in a tactical array. | | | | | | |
| CURRENT SITUATION: Fort Knox currently does not have an automated Infantry Platoon Battle Course. The mission of combat readiness is hindered due to the lack of ranges which could support the current doctrine and targetry systems. | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Knox, Kentucky

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Automated Infantry Platoon Battle Course | 5. PROJECT NUMBER 64823 |
|--|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|--------------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| Latrine | m2 (SF) | 30.66 (330) | 6,462 | (198) |
| Bleacher Enclosure | EA | 1 -- | 118,672 | (119) |
| Covered Mess | m2 (SF) | 74.32 (800) | 1,488 | (111) |
| Ammunition Breakdown Building | m2 (SF) | 17.19 (185) | 7,590 | (130) |
| SDD and EPAct05 | LS | -- | -- | (12) |
| Building Information Systems | LS | -- | -- | (194) |
| | | | Total | 764 |

IMPACT IF NOT PROVIDED: If this facility is not provided, Soldiers will not be able to obtain and maintain the necessary skills for their assigned mission. Units will continue to train under circumstances that negatively impact the degree of proficiency required for combat and limit the structured progression of increased readiness.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
- (a) Date Design Started..... SEP 2009
 - (b) Percent Complete As Of January 2011..... 35.00
 - (c) Date 35% Designed..... JAN 2011
 - (d) Date Design Complete..... OCT 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:

| | | |
|----------------------|--|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|----------------------|--|------------------------|

3. INSTALLATION AND LOCATION
Fort Knox, Kentucky

| | |
|--|----------------------------|
| 4. PROJECT TITLE Automated Infantry Platoon Battle Course | 5. PROJECT NUMBER 64823 |
|--|----------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)
Fort Polk

| | |
|---|----------|
| (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): | (\$000) |
| (a) Production of Plans and Specifications..... | 300 |
| (b) All Other Design Costs..... | 370 |
| (c) Total Design Cost..... | 670 |
| (d) Contract..... | 375 |
| (e) In-house..... | 295 |
| (4) Construction Contract Award..... | JAN 2012 |
| (5) Construction Start..... | APR 2012 |
| (6) Construction Completion..... | OCT 2013 |

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-------------------------------|--------------------------------|--|---------------------|
| Targetry | OPA | 2012 | 1,400 |
| Info Sys - ISC | OPA | 2013 | 52 |
| | | TOTAL | 1,452 |

Installation Engineer: Patrick A. Walsh
Phone Number: 502-624-2151

| | | | | | | |
|--|-------------------------|---|--|------------------------|--------------|--------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | 2. DATE 10 FEB 2011 | | |
| 3. INSTALLATION AND LOCATION Fort Knox Kentucky | | | 4. PROJECT TITLE Battalion Complex | | | |
| 5. PROGRAM ELEMENT 85796A | 6. CATEGORY CODE 721 | 7. PROJECT NUMBER 65293 | 8. PROJECT COST (\$000) Auth 48,000 Approp 48,000 | | | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | UNIT COST | COST (\$000) | |
| <u>PRIMARY FACILITY</u> | | | | | 36,028 | |
| Barracks | | m2 (SF) | 8,740 (94,077) | 1,917 | (16,752) | |
| Battalion HQs w/Classrooms | | m2 (SF) | 1,715 (18,462) | 2,186 | (3,749) | |
| Company Operations Facilities | | m2 (SF) | 6,522 (70,198) | 1,760 | (11,476) | |
| Covered Hardstand | | m2 (SF) | 1,203 (12,954) | 558.65 | (672) | |
| Renovate Vehicle Maint Shop | | m2 (SF) | 2,722 (29,296) | 41.01 | (112) | |
| Total from Continuation page | | | | | (3,267) | |
| <u>SUPPORTING FACILITIES</u> | | | | | 5,968 | |
| Electric Service | | LS | -- | -- | (753) | |
| Water, Sewer, Gas | | LS | -- | -- | (302) | |
| Paving, Walks, Curbs & Gutters | | LS | -- | -- | (1,540) | |
| Storm Drainage | | LS | -- | -- | (707) | |
| Site Imp(2,113) Demo() | | LS | -- | -- | (2,113) | |
| Information Systems | | LS | -- | -- | (523) | |
| Antiterrorism Measures | | LS | -- | -- | (30) | |
| ESTIMATED CONTRACT COST | | | | | 41,996 | |
| CONTINGENCY (5.00%) | | | | | 2,100 | |
| SUBTOTAL | | | | | 44,096 | |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | 2,513 | |
| DESIGN/BUILD - DESIGN COST | | | | | 1,764 | |
| TOTAL REQUEST | | | | | 48,373 | |
| TOTAL REQUEST (ROUNDED) | | | | | 48,000 | |
| INSTALLED EQT-OTHER APPROP | | | | | (1,382) | |
| 10. Description of Proposed Construction Construct a standard design Battalion Complex. Primary facilities include barracks, battalion headquarters, company operations with covered hardstand, classrooms, storage, renovation of existing vehicle maintenance facilities, organizational vehicle parking, administrative facilities, building information systems, installation of Intrusion Detection System (IDS), and Energy Monitoring and Control System (EMCS) connections. Supporting facilities include all site utilities and connections, site improvements, fire protection systems, fire detection devices and alarms, information systems, access roads and parking, paving, fencing, walks, curbs, and gutters, and storm drainage. Project will provide all anti-terrorism/force protection measures including mass notification systems, barriers, stand-off distances, and laminated glass. Access for persons with disabilities will be provided. Comprehensive building furnishing related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 1,882 kW/535 Tons). | | | | | | |
| 11. REQ: | | 1,989 PN | ADQT: | 1,105 PN | SUBSTD: | 884 PN |
| PROJECT: Construct standard design Battalion Complex facilities at Fort Knox, | | | | | | |

| | | | | | |
|---|--|----------------------------|------------------|--------------|-----------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 | | | |
| 3. INSTALLATION AND LOCATION Fort Knox, Kentucky | | | | | |
| 4. PROJECT TITLE Battalion Complex | 5. PROJECT NUMBER 65293 | | | | |
| 9. COST ESTIMATES (CONTINUED) | | | | | |
| | Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | | |
| | Organizational Vehicle Parking | m2 (SY) | 16,723 (20,000) | 53.37 | (892) |
| | Administrative Facility | m2 (SF) | 214.88 (2,313) | 3,048 | (655) |
| | IDS Installation | LS | -- | -- | (39) |
| | EMCS Connections | LS | -- | -- | (59) |
| | SDD and EPAct05 | LS | -- | -- | (659) |
| | Building Information Systems | LS | -- | -- | (963) |
| | | | | Total | 3,267 |
| <u>PROJECT: (CONTINUED)</u> | | | | | |
| Kentucky. (Current Mission) | | | | | |
| <u>REQUIREMENT:</u> This project is required to provide barracks that comply with the current Department of the Army standards for space, security, storage, and privacy for Soldiers stationed at Fort Knox, KY. Maximum barracks utilization for this project is 252 spaces. The intended use is for 176 junior enlisted Soldiers and 38 junior noncommissioned officers. | | | | | |
| <u>CURRENT SITUATION:</u> Fort Knox will provide interim space for the battalion until permanent facilities are ready. | | | | | |
| <u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the battalion will be forced to continue to operate with inadequate interim facilities. These interim facilities have a limited life expectancy. | | | | | |
| <u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders. | | | | | |
| During the past two years, \$1,492,000 has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Knox, KY. Upon completion of this multi-phased project and other projects approved through FY 2012, the remaining unaccompanied enlisted permanent party deficit is 0 personnel at this installation. | | | | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Knox, Kentucky

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Battalion Complex | 5. PROJECT NUMBER 65293 |
|---|--------------------------------|

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... AUG 2010
 - (b) Percent Complete As Of January 2011..... 15.00
 - (c) Date 35% Designed..... JAN 2012
 - (d) Date Design Complete..... OCT 2012
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-build

- (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Bliss

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 941
 - (b) All Other Design Costs..... 1,411
 - (c) Total Design Cost..... 2,352
 - (d) Contract..... 1,411
 - (e) In-house..... 941

- (4) Construction Contract Award..... JAN 2012

- (5) Construction Start..... APR 2012

- (6) Construction Completion..... APR 2014

| | | |
|----------------------|--|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|----------------------|--|------------------------|

3. INSTALLATION AND LOCATION

Fort Knox, Kentucky

4. PROJECT TITLE

Battalion Complex

5. PROJECT NUMBER

65293

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| Info Sys - ISC | OPA | 2013 | 1,382 |
| | | TOTAL | <u>1,382</u> |

Installation Engineer: Patrick A. Walsh
Phone Number: 502-624-2151

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DEPARTMENT OF THE ARMY
 FISCAL YEAR 2012
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

| STATE | INSTALLATION (COMMAND) | NEW/ | | | |
|---------------|--------------------------------|---------------|---------------|---------|-------|
| ----- PROJECT | ----- | AUTHORIZATION | APPROPRIATION | CURRENT | |
| NUMBER | PROJECT TITLE | REQUEST | REQUEST | MISSION | PAGE |
| ----- | ----- | ----- | ----- | ----- | ----- |
| Louisiana | Fort Polk (IMCOM) | | | | 177 |
| 17220 | Fire Station | 9,200 | 9,200 | C | 179 |
| 62622 | Military Working Dog Facility | 2,600 | 2,600 | C | 182 |
| 64415 | Brigade Complex | 23,000 | 23,000 | C | 185 |
| 66195 | Land Acquisition | 27,000 | 27,000 | C | 189 |
| 67033 | Multipurpose Machine Gun Range | 8,300 | 8,300 | C | 192 |
| | Subtotal Fort Polk Part I | \$ 70,100 | 70,100 | | |
| | * TOTAL MCA FOR Louisiana | \$ 70,100 | 70,100 | | |

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|--|---------------------------------------|--------------------------------|---|---------|--------|--|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | | | | | | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Fort Polk Louisiana | | | 4. COMMAND US Army Installation Management Command | | | 5. AREA CONSTRUCTION COST INDEX 0.82 | |
| 6. PERSONNEL STRENGTH: | | | | | | | |
| | PERMANENT | | STUDENTS | | | SUPPORTED | |
| | OFFICER | ENLIST | CIVIL | OFFICER | ENLIST | CIVIL | TOTAL |
| A. AS OF 05 NOV 2010 | 1338 | 8247 | 1430 | 0 | 48 | 0 | 3004 6188 4888 25,143 |
| B. END FY 2016 | 1431 | 7776 | 1547 | 0 | 36 | 0 | 3001 6182 4864 24,837 |
| 7. INVENTORY DATA (\$000) | | | | | | | |
| A. TOTAL AREA..... | 80,522 ha | | (198,973 AC) | | | | |
| B. INVENTORY TOTAL AS OF 31 DEC 2010..... | | | | | | 4,224,376 | |
| C. AUTHORIZATION NOT YET IN INVENTORY..... | | | | | | 462,861 | |
| D. AUTHORIZATION REQUESTED IN THE FY 2012 PROGRAM..... | | | | | | 70,100 | |
| E. AUTHORIZATION INCLUDED IN THE FY 2013 PROGRAM..... | | | | | | 30,000 | |
| F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY)..... | | | | | | 0 | |
| G. REMAINING DEFICIENCY..... | | | | | | 956,447 | |
| H. GRAND TOTAL..... | | | | | | 5,743,784 | |
| 8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2012 PROGRAM: | | | | | | | |
| CATEGORY | PROJECT | | | | | COST | DESIGN STATUS |
| CODE | NUMBER | PROJECT TITLE | | | | (\$000) | START COMPLETE |
| 731 | 17220 | Fire Station | | | | 9,200 | 07/2007 07/2012 |
| 141 | 62622 | Military Working Dog Facility | | | | 2,600 | 10/2010 10/2011 |
| 141 | 64415 | Brigade Complex | | | | 23,000 | 09/2009 10/2011 |
| 911 | 66195 | Land Acquisition | | | | 27,000 | 08/2010 10/2011 |
| 178 | 67033 | Multipurpose Machine Gun Range | | | | 8,300 | 11/2009 08/2011 |
| TOTAL | | | | | | 70,100 | |
| 9. FUTURE PROJECT APPROPRIATIONS: | | | | | | | |
| CATEGORY | | | | | | COST | |
| CODE | | PROJECT TITLE | | | | (\$000) | |
| A. INCLUDED IN THE FY 2013 PROGRAM: | | | | | | | |
| 911 | | Land Acquisition, Ph 3 | | | | 30,000 | |
| TOTAL | | | | | | 30,000 | |
| B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE | | | | | | | |
| C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): | | | | | | N/A | |
| 10. MISSION OR MAJOR FUNCTIONS: | | | | | | | |
| <p>The US Army Garrison, Fort Polk will enhance readiness and provide infrastructure and facilities in order to directly support the Senior Mission Commander and facilitate the accomplishment of his mission (as well as the missions assigned to all supporting and supported tenant activities). The Garrison will promote well-being in order to enhance morale and quality of life for the extended community that Fort Polk serves.</p> | | | | | | | |

| | | |
|----------------------|---------------------------------------|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | 2. DATE 10 FEB 2011 |
|----------------------|---------------------------------------|------------------------|

INSTALLATION AND LOCATION: Fort Polk, Louisiana

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

| | |
|-----------------------------------|---------|
| | (\$000) |
| A. AIR POLLUTION | 0 |
| B. WATER POLLUTION | 0 |
| C. OCCUPATIONAL SAFETY AND HEALTH | 0 |

| | | | | | | |
|---|--|--|---------------------------|---------------------------------|--|--------------|
| 1.COMONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2.DATE 10 FEB 2011 | |
| 3.INSTALLATION AND LOCATION Fort Polk Louisiana | | | | 4.PROJECT TITLE Fire Station | | |
| 5.PROGRAM ELEMENT 22096A | | 6.CATEGORY CODE 731 | 7.PROJECT NUMBER 17220 | | 8.PROJECT COST (\$000) Auth 9,200 Approp 9,200 | |
| 9.COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 6,386 |
| Fire Station HQ - 2 Company | | m2 (SF) | 2,531 (27,239) | | 2,297 | (5,814) |
| Special Foundatons | | LS | -- | | -- | (266) |
| Standby Generator | | kWe (KW) | 240 (240) | | 280.83 | (67) |
| EMCS Connection | | LS | -- | | -- | (29) |
| SDD and EPAct05 | | LS | -- | | -- | (116) |
| Building Information Systems | | LS | -- | | -- | (94) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 1,638 |
| Electric Service | | LS | -- | | -- | (159) |
| Water, Sewer, Gas | | LS | -- | | -- | (104) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (488) |
| Storm Drainage | | LS | -- | | -- | (101) |
| Site Imp(547) Demo(154) | | LS | -- | | -- | (701) |
| Information Systems | | LS | -- | | -- | (46) |
| Antiterrorism Measures | | LS | -- | | -- | (39) |
| ESTIMATED CONTRACT COST | | | | | | 8,024 |
| CONTINGENCY (5.00%) | | | | | | 401 |
| SUBTOTAL | | | | | | 8,425 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 480 |
| DESIGN/BUILD - DESIGN COST | | | | | | 337 |
| TOTAL REQUEST | | | | | | 9,242 |
| TOTAL REQUEST (ROUNDED) | | | | | | 9,200 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10.Description of Proposed Construction Construct a standard design two company headquarters fire station. This facility will include apparatus bays; residential areas; administration areas; oil/water separator; training areas; building information systems; fire protection and alarm systems; standby generator and Energy Monitoring and Control Systems (EMCS) connection. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include site development, utilities and connections, lighting, paving, parking, walks, curbs and gutters, storm drainage, traffic signals, information systems, landscaping and signage. Heating and air conditioning will be provided by a self contained system. Building will require special foundations due to poor soil conditions. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. Demolish 7 buildings (TOTAL 1,611 m2/17,337 SF). Air Conditioning (Estimated 109 kWr/31 Tons). | | | | | | |
| 11. REQ: | | 4,611 m2 | ADQT: 829 m2 | | SUBSTD: | 1,784 m2 |
| PROJECT: Construct a standard design two company headquarters Fire Station at | | | | | | |

| | | |
|---|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Fort Polk, Louisiana | | |
| 4. PROJECT TITLE Fire Station | 5. PROJECT NUMBER 17220 | |
| <p><u>PROJECT: (CONTINUED)</u> Fort Polk, Louisiana. (Current Mission). <u>REQUIREMENT:</u> This project is required to provide a permanent, adequate Fire Station that meets current standards for the Garrison of Fort Polk. As a result of recent stationing actions, the population at Fort Polk is increasing and Emergency Services are required to meet their needs. As the First Responder for South Fort Polk and a back up to the Leesville Fire department, this project is required to provide adequate emergency service response to Fort Polk and the surrounding areas. <u>CURRENT SITUATION:</u> The fire station headquarters is currently housed in WWII temporary wooden facilities. The fire station cannot meet the current DoD standards for emergency response. In addition, the existing facilities are in violation of numerous life safety and health codes. The fire facilities are spread over several temporary buildings, which are resulting in a substantial loss of efficiency needed to combat installation emergencies. The current facilities cannot house the vehicles and equipment needed to support the mission of Fire & Emergency Services. <u>IMPACT IF NOT PROVIDED:</u> If this project is not provided slow response times and persistent decreased morale among emergency personnel will continue. The Directorate of Emergency Services will not be able to house equipment needed to adequately respond to emergencies or a mass casualty event. The larger more complex Chemical Biological Radiological Nuclear Explosive (CBRNE) equipment which has been added to the emergency service mission will not be positioned in a response ready location. <u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p> | | |
| <p>12. <u>SUPPLEMENTAL DATA:</u> A. Estimated Design Data: (1) Status: (a) Date Design Started..... JUL 2007 (b) Percent Complete As Of January 2011..... 20.00 (c) Date 35% Designed..... JAN 2012 (d) Date Design Complete..... JUL 2012</p> | | |

| | | |
|------------------------|--|---------------------------|
| 1.COMONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE 10 FEB 2011 |
|------------------------|--|---------------------------|

3.INSTALLATION AND LOCATION

Fort Polk, Louisiana

| | |
|-------------------------------------|-------------------------------|
| 4.PROJECT TITLE Fire Station | 5.PROJECT NUMBER 17220 |
|-------------------------------------|-------------------------------|

12. SUPPLEMENTAL DATA: (Continued)

- A. Estimated Design Data: (Continued)
- (e) Parametric Cost Estimating Used to Develop Costs _____ YES
 - (f) Type of Design Contract: Design-build
 - (g) An energy study and life cycle cost analysis will be documented during the final design.

- (2) Basis:
- (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Bliss

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

| | |
|---|-----|
| (a) Production of Plans and Specifications..... | 165 |
| (b) All Other Design Costs..... | 331 |
| (c) Total Design Cost..... | 496 |
| (d) Contract..... | 331 |
| (e) In-house..... | 165 |

- (4) Construction Contract Award..... JAN 2012
- (5) Construction Start..... APR 2012
- (6) Construction Completion..... OCT 2013

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

| <u>Equipment</u> <u>Nomenclature</u> | <u>Procuring</u> <u>Appropriation</u> | <u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u> | <u>Cost</u> <u>(\$000)</u> |
|---|--|--|-------------------------------|
| NA | | | |

Installation Engineer: R. Ellis Smith
Phone Number: 337.531.4508

| | | | | | | |
|--|-------------------------|--|---|------------------------|--------------|------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | 2. DATE 10 FEB 2011 | | |
| 3. INSTALLATION AND LOCATION Fort Polk Louisiana | | | 4. PROJECT TITLE Military Working Dog Facility | | | |
| 5. PROGRAM ELEMENT 22096A | 6. CATEGORY CODE 141 | 7. PROJECT NUMBER 62622 | 8. PROJECT COST (\$000) Auth 2,600 Approp 2,600 | | | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | UNIT COST | COST (\$000) | |
| <u>PRIMARY FACILITY</u> | | | | | 1,953 | |
| Dog Kennel w/ Admin Facility | | m2 (SF) | 802.68 (8,640) | 2,087 | (1,676) | |
| Storage Facility | | m2 (SF) | 37.16 (400) | 805.60 | (30) | |
| Special Foundations | | LS | -- | -- | (83) | |
| Exercise Area | | LS | -- | -- | (10) | |
| Obstacle Courses | | LS | -- | -- | (10) | |
| Total from Continuation page | | | | | (144) | |
| <u>SUPPORTING FACILITIES</u> | | | | | 410 | |
| Electric Service | | LS | -- | -- | (62) | |
| Water, Sewer, Gas | | LS | -- | -- | (15) | |
| Paving, Walks, Curbs & Gutters | | LS | -- | -- | (71) | |
| Storm Drainage | | LS | -- | -- | (18) | |
| Site Imp(145) Demo() | | LS | -- | -- | (145) | |
| Information Systems | | LS | -- | -- | (99) | |
| ESTIMATED CONTRACT COST | | | | | 2,363 | |
| CONTINGENCY (5.00%) | | | | | 118 | |
| SUBTOTAL | | | | | 2,481 | |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | 141 | |
| TOTAL REQUEST | | | | | 2,622 | |
| TOTAL REQUEST (ROUNDED) | | | | | 2,600 | |
| INSTALLED EQT-OTHER APPROP | | | | | () | |
| 10. Description of Proposed Construction Construct a Military Working Dog (MWD) Facility for 24 MWD to include staff administrative areas; Veterinary Examination Room; Multi-purpose Day Room/ Training Room; Food, Tack and Material Storage; Locker areas, fenced obstacle courses, break areas, exercise areas, installation of Intrusion Detection Systems (IDS), connection to Energy Monitoring and Control System (EMCS), and building information systems. Supporting facilities include utilities and connections, site work and development and improvements, storm drainage, landscaping, exterior lighting, paving, parking, walks, curbs and gutters, and information systems. Heating and cooling will be provided with self contained units. Access for persons with disabilities will be provided. Comprehensive building and furnishing related interior design services are required. Sustainable Desing and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 28 kW/8 Tons) . | | | | | | |
| 11. REQ: | | 892 m2 | ADQT: | NONE | SUBSTD: | NONE |
| PROJECT: Construct a Military Working Dog Facility at Fort Polk, Louisiana. (Current Mission) | | | | | | |

| | | |
|----------------------|--|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|----------------------|--|------------------------|

3. INSTALLATION AND LOCATION
Fort Polk, Louisiana

| | |
|---|----------------------------|
| 4. PROJECT TITLE Military Working Dog Facility | 5. PROJECT NUMBER 62622 |
|---|----------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|----------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| IDS Installation | LS | -- | -- | (10) |
| EMCS Connection | LS | -- | -- | (11) |
| SDD and EAct05 | LS | -- | -- | (19) |
| Antiterrorism Measures | LS | -- | -- | (90) |
| Building Information Systems | LS | -- | -- | (14) |
| | | | Total | 144 |

REQUIREMENT: This project provides a new, fully-functional Military Working Dog (MWD) facility for 24 MWD to comply with current criteria and is capable of housing, sustaining, and training MDW.

CURRENT SITUATION: Currently, the existing kennels are located outside the cantonment area's security perimeter, are within an area of poor drainage, are adjacent to a waste water treatment plant and are accessed by an unimproved state secondary road. The current facilities support training and maintenance for only 8 MWDs and do not comply with current criteria. The facility does not have AT/FP, does not have an on-site veterinary services; and cannot store sensitive training materials.

IMPACT IF NOT PROVIDED: If this project is not provided, it will impact the health and welfare of the MWDs and mission readiness. Current requirements will be further taxed by increased missions, increased response time, and reduced support for the Joint Readiness Training Center (JRTC).

ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Polk, Louisiana

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Military Working Dog Facility | 5. PROJECT NUMBER 62622 |
|---|--------------------------------|

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... OCT 2010
 - (b) Percent Complete As Of January 2011..... 5.00
 - (c) Date 35% Designed..... MAR 2011
 - (d) Date Design Complete..... OCT 2011
 - (e) Parametric Cost Estimating Used to Develop Costs NO
 - (f) Type of Design Contract: Design-bid-build

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

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 100
 - (b) All Other Design Costs..... 160
 - (c) Total Design Cost..... 260
 - (d) Contract..... 100
 - (e) In-house..... 160

- (4) Construction Contract Award..... JAN 2012

- (5) Construction Start..... APR 2012

- (6) Construction Completion..... JAN 2013

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

| <u>Equipment</u> <u>Nomenclature</u> | <u>Procuring</u> <u>Appropriation</u> | <u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u> | <u>Cost</u> <u>(\$000)</u> |
|---|--|--|-------------------------------|
|---|--|--|-------------------------------|

NA

Installation Engineer: R. Ellis Smith
Phone Number: 337-531-4508

| | | | | | | |
|---|--|--|----------------------------|-------------------------------------|---|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Polk Louisiana | | | | 4. PROJECT TITLE Brigade Complex | | |
| 5. PROGRAM ELEMENT 22096A | | 6. CATEGORY CODE 141 | 7. PROJECT NUMBER 64415 | | 8. PROJECT COST (\$000) Auth 23,000 Approp 23,000 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 16,131 |
| Brigade Headquarters | | m2 (SF) | 3,800 (40,902) | | 1,999 | (7,596) |
| Company Operations Facility | | m2 (SF) | 3,117 (33,550) | | 1,774 | (5,529) |
| Covered Hardstand | | m2 (SF) | 554.63 (5,970) | | 724.63 | (402) |
| Organizational Vehicle Parking | | m2 (SY) | 6,131 (7,333) | | 95.45 | (585) |
| Special Foundations | | LS | -- | | -- | (802) |
| Total from Continuation page | | | | | | (1,217) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 4,430 |
| Electric Service | | LS | -- | | -- | (470) |
| Water, Sewer, Gas | | LS | -- | | -- | (82) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (613) |
| Storm Drainage | | LS | -- | | -- | (793) |
| Site Imp(1,963) Demo(199) | | LS | -- | | -- | (2,162) |
| Information Systems | | LS | -- | | -- | (232) |
| Antiterrorism Measures | | LS | -- | | -- | (78) |
| ESTIMATED CONTRACT COST | | | | | | 20,561 |
| CONTINGENCY (5.00%) | | | | | | 1,028 |
| SUBTOTAL | | | | | | 21,589 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 1,231 |
| TOTAL REQUEST | | | | | | 22,820 |
| TOTAL REQUEST (ROUNDED) | | | | | | 23,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10. Description of Proposed Construction Construct a standard design Brigade Complex. Primary facilities include a brigade headquarters (BDE HQ), company operations facilities (COF) with covered hardstand, organizational vehicle parking, building information systems, fire protection and alarm systems, Intrusion Detection System (IDS) installation, and Energy Monitoring and Control Systems (EMCS) connection. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include site development, utilities and connections, lighting, paving, parking, walks, curbs and gutters, storm drainage, information systems, landscaping and signage. Heating and air conditioning will be provided by connecting to the central plant. Special foundations are required due to poor soil conditions. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. Demolish 4 buildings (TOTAL 900 m2/9,686 SF). Air Conditioning (Estimated 914 kW/260 Tons). | | | | | | |
| 11. REQ: | | 8,967 m2 | ADQT: NONE | | SUBSTD: | 5,781 m2 |
| PROJECT: Construct standard design facilities for a Brigade Complex at Fort Polk, Louisiana. (Current Mission) | | | | | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Polk, Louisiana

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Brigade Complex | 5. PROJECT NUMBER 64415 |
|---|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|----------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| IDS Installation | LS | -- | -- | (34) |
| EMCS Connection | LS | -- | -- | (68) |
| SDD and EPAct05 | LS | -- | -- | (276) |
| Building Information Systems | LS | -- | -- | (839) |
| | | | Total | 1,217 |

REQUIREMENT: This project is required to support the conversion of a Brigade to support Army Transformation. This transformation resulted in a need for new facilities to accommodate an estimated net increase of 1,000 personnel. This change is part of the Army Modular Force (AMF) Initiative. New Brigade and Company Operations facilities are required in order to meet current standard and space requirements.

CURRENT SITUATION: Adequate existing facilities are not available to support this stationing action. All permanent facilities are occupied on the installation. Permanent facilities are not available at Fort Polk to support the total requirements of this Transforming Brigade. The headquarters of the Brigade currently housed in a building designed as a Battalion Headquarters. The buildings that accommodate the existing Brigade Company Operations are not large enough to accommodate all the companies in the transformed Brigade.

IMPACT IF NOT PROVIDED: If this project is not provided, the Army will not be able to support the permanent stationing of the transforming Brigade at Fort Polk, Louisiana. Soldiers will continue to work out of temporary, relocatable and inadequate permanent buildings. If facilities are not constructed to accommodate the transformation of the Brigade it will hinder the implementation of the AMF initiative. Existing activities will continue to lack the facilities required and will continue to operate in undersized, poorly configured, and sub-optimal facilities; thereby decreasing the morale and retention of Soldiers.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable

| | | |
|--|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Fort Polk, Louisiana | | |
| 4. PROJECT TITLE Brigade Complex | 5. PROJECT NUMBER 64415 | |
| ADDITIONAL: (CONTINUED) | | |
| laws and Executive Orders. | | |
| 12. SUPPLEMENTAL DATA: | | |
| A. Estimated Design Data: | | |
| (1) Status: | | |
| (a) Date Design Started..... | SEP 2009 | <u> </u> |
| (b) Percent Complete As Of January 2011..... | 35.00 | <u> </u> |
| (c) Date 35% Designed..... | JAN 2011 | <u> </u> |
| (d) Date Design Complete..... | OCT 2011 | <u> </u> |
| (e) Parametric Cost Estimating Used to Develop Costs | YES | <u> </u> |
| (f) Type of Design Contract: Adapt-Build | | |
| (g) An energy study and life cycle cost analysis will be documented during the final design. | | |
| (2) Basis: | | |
| (a) Standard or Definitive Design: YES | | |
| (b) Where Most Recently Used: Fort Bliss | | |
| (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000) | | |
| (a) Production of Plans and Specifications..... | 331 | <u> </u> |
| (b) All Other Design Costs..... | 442 | <u> </u> |
| (c) Total Design Cost..... | 773 | <u> </u> |
| (d) Contract..... | 442 | <u> </u> |
| (e) In-house..... | 331 | <u> </u> |
| (4) Construction Contract Award..... | | |
| | JAN 2012 | <u> </u> |
| (5) Construction Start..... | | |
| | APR 2012 | <u> </u> |
| (6) Construction Completion..... | | |
| | APR 2014 | <u> </u> |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Polk, Louisiana

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Brigade Complex | 5. PROJECT NUMBER 64415 |
|---|--------------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
|-----------------------------------|------------------------------------|--|-------------------------|

NA

Installation Engineer: R. Ellis Smith
Phone Number: 337-531-4508

| | | | | | | |
|--|-------------------------|--|--------------------------------------|---|------------------------|--------------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Polk Louisiana | | | 4. PROJECT TITLE Land Acquisition | | | |
| 5. PROGRAM ELEMENT 78018A | 6. CATEGORY CODE 911 | 7. PROJECT NUMBER 66195 | | 8. PROJECT COST (\$000) Auth 27,000 Approp 27,000 | | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> Land Acquisition | | ha (AC) | 12,033 (29,735) | | 2,231 | 26,851 (26,851) |
| <u>SUPPORTING FACILITIES</u> | | | | | | |
| ESTIMATED CONTRACT COST | | | | | | 26,851 |
| CONTINGENCY (.00 %) | | | | | | 0 |
| SUBTOTAL | | | | | | 26,851 |
| SUPV, INSP & OVERHEAD (.00 %) | | | | | | 0 |
| TOTAL REQUEST | | | | | | 26,851 |
| TOTAL REQUEST (ROUNDED) | | | | | | 27,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | (0) |
| 10. Description of Proposed Construction Acquire ownership of additional training lands contiguous to current Army owned/controlled land. There are multiple contiguous geographic areas needed to support training land requirements. Acreage to be acquired may result in existing real property relocation, disposal or decommissioning. | | | | | | |
| 11. REQ: 250,000 ha ADQT: 18,073 ha SUBSTD: 25,677 ha PROJECT: Acquire contiguous training land acreage to support the Joint Readiness Training Center and Fort Polk, Louisiana. (Current Mission) REQUIREMENT: Fort Polk, as a Combat Training Center, has the mission to provide brigade level training opportunities for all types of Brigade Combat Teams, including infantry, heavy and Stryker, in the most realistic manner. The Operations Group is transforming by modifying rotational scenarios to better fit the contemporary environment by transforming the opposing forces to better replicate the current threat. However, for the JRTC to be successful it must have adequate maneuver land that allows for the proper deployment/employment of all brigade combat assets on an asymmetrical, non-contiguous battle field. Training and maneuver areas must replicate battlespace to support Brigade Combat Teams and Stryker BCT (SBCT). | | | | | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Polk, Louisiana

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Land Acquisition | 5. PROJECT NUMBER 66195 |
|--|--------------------------------|

CURRENT SITUATION: Fort Polk does not have adequate land to support both JRTC and stationed unit training requirements. Of the 198,134 acres that comprise Fort Polk (US Army 100,009 and USFS 98,125), 8,960 acres are devoted to the cantonment area and associated easements leaving 189,174 acres technically available for training. Of these lands, however, 95,841 acres are associated with surface danger zones and live fire ranges leaving 93,333 acres available for maneuver. But these lands include 57,619 acres of USFS Limited Use and Special Limited Use land, which are not available for unrestricted maneuver and/or live fire training. The total actual available acreage for unrestricted maneuver training is 36,560 acres (21,842-US Army; 14,718-USFS). JRTC requires 148,262 acres to support rotational brigade level operations and 617,762 acres to support a SBCT rotation. Therefore, the maneuver acre shortfall at Fort Polk is 581,201 acres.

IMPACT IF NOT PROVIDED: Adequate training and maneuver areas are not being fully met. Better use of available training lands and upgrading of ranges must keep pace with the changing environment. The Combat Training Centers (CTC) must have training land to support the new doctrine and a transformed Army. Without adequate training and maneuver areas, Soldiers will not be able to train to standard. Soldiers may enter future combat less than fully prepared to employ the full capabilities of their weapons and equipment.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security measures are required. No antiterrorism protection measures are required. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... AUG 2010
 - (b) Percent Complete As Of January 2011..... 15.00
 - (c) Date 35% Designed..... MAY 2011
 - (d) Date Design Complete..... OCT 2011
 - (e) Parametric Cost Estimating Used to Develop Costs _____ NO
 - (f) Type of Design Contract: Other
Land Acquisition

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

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Polk, Louisiana

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Land Acquisition | 5. PROJECT NUMBER 66195 |
|--|--------------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

| | |
|---|----------|
| (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): | (\$000) |
| (a) Production of Plans and Specifications..... | 750 |
| (b) All Other Design Costs..... | _____ |
| (c) Total Design Cost..... | 750 |
| (d) Contract..... | _____ |
| (e) In-house..... | 750 |
| (4) Construction Contract Award..... | JAN 2012 |
| (5) Construction Start..... | APR 2012 |
| (6) Construction Completion..... | APR 2013 |

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

| <u>Equipment</u> <u>Nomenclature</u> | <u>Procuring</u> <u>Appropriation</u> | <u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u> | <u>Cost</u> <u>(\$000)</u> |
|---|--|--|-------------------------------|
| NONE | | | |

Installation Engineer: R. Ellis Smith
Phone Number: 337-531-4508

| | | | | | |
|--|-------------------------|--|---|------------------------|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Polk Louisiana | | | 4. PROJECT TITLE Multipurpose Machine Gun Range | | |
| 5. PROGRAM ELEMENT 22212A | 6. CATEGORY CODE 178 | 7. PROJECT NUMBER 67033 | 8. PROJECT COST (\$000) Auth 8,300 Approp 8,300 | | |
| 9. COST ESTIMATES | | | | | |
| ITEM | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | 7,078 |
| Multipurpose Machine Gun Range | FP | 10 -- | | 564,471 | (5,645) |
| Range Operations & Control Area | EA | 1 -- | | 129,477 | (129) |
| Range Control Tower | EA | 1 -- | | 243,241 | (243) |
| Operations/Storage Building | m2 (SF) | 74.32 (800) | | 2,129 | (158) |
| Classroom Building | m2 (SF) | 74.32 (800) | | 2,751 | (204) |
| Total from Continuation page | | | | | (699) |
| <u>SUPPORTING FACILITIES</u> | | | | | 410 |
| Electric Service | LS | -- | | -- | (116) |
| Water, Sewer, Gas | LS | -- | | -- | (168) |
| Information Systems | LS | -- | | -- | (126) |
| ESTIMATED CONTRACT COST | | | | | 7,488 |
| CONTINGENCY (5.00%) | | | | | 374 |
| SUBTOTAL | | | | | 7,862 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | 448 |
| TOTAL REQUEST | | | | | 8,310 |
| TOTAL REQUEST (ROUNDED) | | | | | 8,300 |
| INSTALLED EQT-OTHER APPROP | | | | | (2,018) |
| 10. Description of Proposed Construction Construct a standard Automated Multipurpose Machine Gun Range. Primary facilities include the Machine Gun Range, range operations and control area, range control tower, operations/storage building, classroom building, latrine, bleacher enclosure, covered mess, ammunition breakdown building, and building information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include electric service; water, sewer, and gas; and information systems. Air Conditioning (Estimated 42 kW/12 Tons). | | | | | |
| 11. REQ: | 10 FP | ADQT: | NONE | SUBSTD: | NONE |
| PROJECT: Construct a standard Automated Multipurpose Machine Gun Range at Fort Polk, Louisiana. (Current Mission) | | | | | |
| REQUIREMENT: This project is required to train and test Soldiers on the skills necessary to detect, identify, engage and defeat stationary and moving infantry targets in a tactical array. Combat and combat support units require training proficiency in machine gun weapon systems. This range satisfies the training and qualification requirements of light and heavy machine guns. Army standard ranges with target systems affording doctrinal densities and target types are the minimum necessary to prepare Soldiers for combat. | | | | | |

| | | |
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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Polk, Louisiana

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Multipurpose Machine Gun Range | 5. PROJECT NUMBER 67033 |
|--|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|--------------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| Latrine | m2 (SF) | 51.10 (550) | 5,589 | (286) |
| Bleacher Enclosure | EA | 1 -- | 106,207 | (106) |
| Covered Mess | m2 (SF) | 74.32 (800) | 1,332 | (99) |
| Ammunition Breakdown Building | m2 (SF) | 17.19 (185) | 6,793 | (117) |
| SDD and EPAct05 | LS | -- | -- | (12) |
| Building Information Systems | LS | -- | -- | (79) |
| | | | Total | 699 |

CURRENT SITUATION: Currently Fort Polk does not have a suitable training area that meets the requirements needed for machine gunnery. The mission of combat readiness is hindered due to the lack of existing ranges which could support the current doctrine and targetry systems.

IMPACT IF NOT PROVIDED: If this facility is not provided, the Soldiers of Fort Polk, Reserve, and National Guard units that train at Fort Polk will not be able to obtain and maintain proficiency for live fire training for machine gun engagements. Units will not train to standard, and the gap between equipment fielding and training will widen. Ultimately, Soldiers may enter future combat less than fully prepared to employ the full capabilities of their weapons and equipment.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

| | |
|--|----------|
| (1) Status: | |
| (a) Date Design Started..... | NOV 2009 |
| (b) Percent Complete As Of January 2011..... | 35.00 |
| (c) Date 35% Designed..... | JAN 2011 |
| (d) Date Design Complete..... | AUG 2011 |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Polk, Louisiana

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Multipurpose Machine Gun Range | 5. PROJECT NUMBER 67033 |
|--|--------------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Stewart

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

| | |
|---|-----|
| (a) Production of Plans and Specifications..... | 460 |
| (b) All Other Design Costs..... | 429 |
| (c) Total Design Cost..... | 889 |
| (d) Contract..... | 313 |
| (e) In-house..... | 576 |

(4) Construction Contract Award..... JAN 2012

(5) Construction Start..... APR 2012

(6) Construction Completion..... OCT 2013

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| Targetry | OPA | 2012 | 2,000 |
| Info Sys - ISC | OPA | 2013 | 18 |
| | | TOTAL | 2,018 |

Installation Engineer: R. Ellis Smith
Phone Number: 337-531-4508

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2012
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

| STATE | INSTALLATION (COMMAND) | | | NEW/ | |
|---------------|---|---------------|---------------|---------|-------|
| ----- PROJECT | ----- | AUTHORIZATION | APPROPRIATION | CURRENT | |
| NUMBER | PROJECT TITLE | REQUEST | REQUEST | MISSION | PAGE |
| ----- | ----- | ----- | ----- | ----- | ----- |
| Maryland | Aberdeen Proving Ground (IMCOM) | | | | 197 |
| 66750 | Auto Technology Evaluation Fac, Ph 3 | 15,500 | 15,500 | C | 199 |
| 68050 | Command and Control Facility | 63,000 | 63,000 | N | 203 |
| | Subtotal Aberdeen Proving Ground Part I | \$ 78,500 | 78,500 | | |
| | Fort Meade (IMCOM) | | | | 207 |
| 64939 | Applied Instruction Facility | 43,000 | 43,000 | C | 209 |
| 65755 | Brigade Complex | 36,000 | 36,000 | N | 213 |
| | Subtotal Fort Meade Part I | \$ 79,000 | 79,000 | | |
| | * TOTAL MCA FOR Maryland | \$ 157,500 | 157,500 | | |

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|---|--------|---------------------------------------|--|-------------|---------|--|--------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROGRAM | | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Aberdeen Proving Ground Maryland | | | 4. COMMAND US Army Materiel Command | | | 5. AREA CONSTRUCTION COST INDEX 0.96 | |
| 6. PERSONNEL STRENGTH: | | | | | | | |
| | | PERMANENT | | STUDENTS | | SUPPORTED | |
| | | OFFICER | ENLIST | CIVIL | OFFICER | ENLIST | CIVIL |
| A. AS OF 05 NOV 2010 | | 832 | 1414 | 8733 | 98 | 1788 | 0 |
| B. END FY 2016 | | 961 | 1415 | 11463 | 5 | 4 | 10 |
| | | | | | | | TOTAL |
| | | | | | | | 21,325 |
| | | | | | | | 21,865 |
| 7. INVENTORY DATA (\$000) | | | | | | | |
| A. TOTAL AREA..... | | 29,302 ha | | (72,406 AC) | | | |
| B. INVENTORY TOTAL AS OF 31 DEC 2010..... | | | | | | 4,575,003 | |
| C. AUTHORIZATION NOT YET IN INVENTORY..... | | | | | | 127,592 | |
| D. AUTHORIZATION REQUESTED IN THE FY 2012 PROGRAM..... | | | | | | 78,500 | |
| E. AUTHORIZATION INCLUDED IN THE FY 2013 PROGRAM..... | | | | | | 0 | |
| F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY)..... | | | | | | 0 | |
| G. REMAINING DEFICIENCY..... | | | | | | 221,222 | |
| H. GRAND TOTAL..... | | | | | | 5,002,317 | |
| 8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2012 PROGRAM: | | | | | | | |
| CATEGORY PROJECT | | | | COST | | DESIGN STATUS | |
| CODE | NUMBER | PROJECT TITLE | | (\$000) | START | COMPLETE | |
| 390 | 66750 | Auto Technology Evaluation Fac, Ph 3 | | 15,500 | 09/2009 | 10/2011 | |
| 141 | 68050 | Command and Control Facility | | 63,000 | 10/2010 | 10/2011 | |
| | | | | TOTAL | 78,500 | | |
| 9. FUTURE PROJECT APPROPRIATIONS: | | | | | | | |
| CATEGORY | | | | COST | | | |
| CODE | | PROJECT TITLE | | (\$000) | | | |
| A. INCLUDED IN THE FY 2013 PROGRAM: | | NONE | | | | | |
| B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): | | NONE | | | | | |
| C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): | | | | N/A | | | |
| 10. MISSION OR MAJOR FUNCTIONS: | | | | | | | |
| <p>The Aberdeen Area of Aberdeen Proving Ground serves as the location of the installation headquarters. The focus of major missions undertaken at the installation include support for the Army's Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) team, the Army Test and Evaluation Command, Army Research Institute's Human Systems Research. The Edgewood Area of Aberdeen Proving Ground provides research and development in the chemical, biological, and radiological areas.</p> | | | | | | | |

| | | |
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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | 2. DATE 10 FEB 2011 |
|----------------------|---------------------------------------|------------------------|

INSTALLATION AND LOCATION: Aberdeen Proving Ground, Maryland

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

| | |
|-----------------------------------|---------|
| | (\$000) |
| A. AIR POLLUTION | 0 |
| B. WATER POLLUTION | 0 |
| C. OCCUPATIONAL SAFETY AND HEALTH | 0 |

| | | | | | | |
|---|--|--|-------------------------------|---|--|--------------|
| 1.COMONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2.DATE 10 FEB 2011 | |
| 3.INSTALLATION AND LOCATION Aberdeen Proving Ground Maryland | | | | 4.PROJECT TITLE Auto Technology Evaluation Fac, Ph 3 | | |
| 5.PROGRAM ELEMENT 72896A | | 6.CATEGORY CODE 390 | 7.PROJECT NUMBER 66750 | | 8.PROJECT COST (\$000) Auth 15,500 Approp 15,500 | |
| 9.COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 11,403 |
| Expand Vehicle Test Track | | m2 (SF) | 236,769 (2548565) | | 36.00 | (8,524) |
| Operations Center | | m2 (SF) | 975.48 (10,500) | | 2,865 | (2,795) |
| EMCS Connection | | LS | -- | | -- | (11) |
| SDD and EPAct05 | | LS | -- | | -- | (47) |
| Building Information Systems | | LS | -- | | -- | (26) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 2,784 |
| Electric Service | | LS | -- | | -- | (211) |
| Water, Sewer, Gas | | LS | -- | | -- | (123) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (670) |
| Storm Drainage | | LS | -- | | -- | (571) |
| Site Imp(1,134) Demo() | | LS | -- | | -- | (1,134) |
| Information Systems | | LS | -- | | -- | (75) |
| ESTIMATED CONTRACT COST | | | | | | 14,187 |
| CONTINGENCY (5.00%) | | | | | | 709 |
| SUBTOTAL | | | | | | 14,896 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 849 |
| TOTAL REQUEST | | | | | | 15,745 |
| TOTAL REQUEST (ROUNDED) | | | | | | 15,500 |
| INSTALLED EQT-OTHER APPROP | | | | | | (6,140) |
| 10.Description of Proposed Construction This project consists of three phases. Phase 1 (PN 17569) was funded for \$12.2M in FY 2008 and provides a sustained high speed ground vehicle test facility. Phase 2 (PN 66918) was requested for \$14.6M in FY 2011 and provides a sustained speed ground vehicle test facility consisting of a paved test track with stabilized safety run off areas and a braking and maneuver test lane. Phase 3 for \$15.5M, will expand the existing high speed track to two lanes to accommodate testing of all existing and future military vehicles. Also, the stabilized safety run-off areas on the inner and outside areas of the Auto Technology Evaluation Facility (ATEF) track will be expanded. Project includes an Operations Center with a viewing center/conference room, restrooms, offices and two maintenance bays with a 40 ton Crane, building information systems, and connection to Energy Monitoring and Control System (EMCS). Environmental impact mitigation measures (wetlands mitigation, enhancement and re-forestation) are included. Access for persons with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 123 kW/35 Tons). | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Aberdeen Proving Ground, Maryland | | |
| 4. PROJECT TITLE Auto Technology Evaluation Fac, Ph 3 | 5. PROJECT NUMBER 66750 | |
| | | |
| 11. REQ: 236,769 m2 ADQT: 66,890 m2 SUBSTD: NONE | | |
| <u>PROJECT:</u> Construct phase 3 of an automotive vehicle test and evaluation facility at Aberdeen Proving Ground, Maryland. (Current Mission) | | |
| <u>REQUIREMENT:</u> The DoD currently has no means of conducting sustained high speed testing of its current and future vehicle fleet and systems. Troops deployed on missions to support global contingency operations are stressing combat equipment beyond its design capacities. The considerations of testing the effects of up-armor kits to protect our war fighters in theatre are immediate. Future requirements involve developing wheeled and tracked vehicles which are faster, more lethal, agile, and safer. This project is an integral component of the DoD accelerated acquisition process. Additionally, it provides for the complete and thorough engineering and operational testing and evaluation of functional characteristics of DoD land vehicles, artificial intelligence related to land vehicles, their autonomous operation, and other related issues. | | |
| <u>CURRENT SITUATION:</u> The U.S. Army Aberdeen Test Center (ATC) is the DoD center of expertise for automotive testing. Currently, the preponderance of ground vehicle testing is accomplished on courses that were constructed in the early 1940s. The requirement to conduct sustained high speed testing of wheeled and tracked vehicles associated with Army Transformation and the current war time operations cannot be met on existing courses. Vehicles deployed in contingency operations are driving at sustained, high speeds for hours and for distances of hundreds of miles. For some vehicles with lower power to weight ratios, the Perryman straight away is not sufficient to attain highway speeds before having to slow for the turnarounds. The Phillips Airfield main runway, 8,000 feet or 1.5 miles long, allows even less room to reach highway speeds before having to slow to turn around, and using it requires careful and extensive coordination with other airfield operations. | | |
| <u>IMPACT IF NOT PROVIDED:</u> The current fleet of vehicles modified by up-armor kits is not being sufficiently tested at sustained high speeds due to facility inadequacies. This is an unacceptable detriment to our warfighters deployed in theatre. Additionally, if this project is not provided, the ground mobility testing requirements of future systems will not be fully met. The long term effectiveness, reliability, durability, and operational safety of the vehicles being developed will not be adequately tested and evaluated. Equipping our fighting force of the future with lighter, more lethal, and more survivable ground vehicles requires that we have the proper facilities to test equipment as it will be used in warfare. This includes the entire spectrum of manned, un-manned and robotic equipment. Ultimately, without the Auto Technology Evaluation Facility Soldiers, Sailors, Airmen, and Marines will not be provided the safest and most reliable ground vehicles they need to fulfill their missions. | | |
| <u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security measures are required. No | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Aberdeen Proving Ground, Maryland

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Auto Technology Evaluation Fac, Ph 3 | 5. PROJECT NUMBER 66750 |
|--|--------------------------------|

ADDITIONAL: (CONTINUED)

antiterrorism protection measures are required. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

| | FY2008 (\$000) | FY2011 (\$000) | Requested FY2012 (\$000) |
|-----------------------------------|----------------|----------------|-----------------------------|
| Authorization | \$12,200 | \$14,600 | \$15,500 |
| Authorization of Appropriation | \$12,200 | \$14,600 | \$15,500 |
| Appropriation | \$12,200 | \$14,600 | \$15,500 |

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

| | |
|--|----------|
| (a) Date Design Started..... | SEP 2009 |
| (b) Percent Complete As Of January 2011..... | 35.00 |
| (c) Date 35% Designed..... | JAN 2011 |
| (d) Date Design Complete..... | OCT 2011 |
| (e) Parametric Cost Estimating Used to Develop Costs | YES |
| (f) Type of Design Contract: Design-bid-build | |

(2) Basis:

(a) Standard or Definitive Design: NO

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

| | |
|---|-------|
| (a) Production of Plans and Specifications..... | 461 |
| (b) All Other Design Costs..... | 922 |
| (c) Total Design Cost..... | 1,383 |
| (d) Contract..... | 922 |
| (e) In-house..... | 461 |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Aberdeen Proving Ground, Maryland

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Auto Technology Evaluation Fac, Ph 3 | 5. PROJECT NUMBER 66750 |
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (4) Construction Contract Award..... JAN 2012
- (5) Construction Start..... APR 2012
- (6) Construction Completion..... APR 2014

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| Integrated Telemetry Station | OPA | 2013 | 1,270 |
| Test Control Station | OPA | 2013 | 954 |
| Telemetry Transmitters | OPA | 2013 | 254 |
| Telemetry Receivers | OPA | 2013 | 637 |
| Test Surveillance Video Camera | OPA | 2013 | 318 |
| PCM Encoders | OPA | 2013 | 318 |
| Veh Pos Instrumentation | OPA | 2013 | 318 |
| Monitoring Equipment | OPA | 2013 | 318 |
| Control Instrumentation | OPA | 2013 | 318 |
| Control Peripherals | OPA | 2013 | 318 |
| Veh Contr Sys | OPA | 2013 | 1,095 |
| Info Sys - ISC | OPA | 2013 | 22 |
| | | TOTAL | <u>6,140</u> |

Installation Engineer: David W. Carter
Phone Number: 410-306-1108

| | | | | | | |
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| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Aberdeen Proving Ground Maryland | | | | 4. PROJECT TITLE Command and Control Facility | | |
| 5. PROGRAM ELEMENT 72896A | | 6. CATEGORY CODE 141 | 7. PROJECT NUMBER 68050 | | 8. PROJECT COST (\$000) Auth 63,000 Approp 63,000 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 50,607 |
| Command/Control Fac Renovation | | m2 (SF) | 8,796 (94,680) | | 1,780 | (15,656) |
| Battalion HQs Renovation | | m2 (SF) | 9,355 (100,694) | | 1,416 | (13,248) |
| Company Ops Facility Renovation | | m2 (SF) | 7,600 (81,804) | | 1,456 | (11,068) |
| Vehicle Maintenance Facility | | m2 (SF) | 1,706 (18,360) | | 2,315 | (3,949) |
| POL Storage Building | | m2 (SF) | 11.15 (120) | | 1,298 | (14) |
| Total from Continuation page | | | | | | (6,672) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 6,577 |
| Electric Service | | LS | -- | | -- | (2,485) |
| Water, Sewer, Gas | | LS | -- | | -- | (343) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (1,506) |
| Storm Drainage | | LS | -- | | -- | (364) |
| Site Imp(1,242) Demo() | | LS | -- | | -- | (1,242) |
| Information Systems | | LS | -- | | -- | (580) |
| Antiterrorism Measures | | LS | -- | | -- | (57) |
| ESTIMATED CONTRACT COST | | | | | | 57,184 |
| CONTINGENCY (5.00%) | | | | | | 2,859 |
| SUBTOTAL | | | | | | 60,043 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 3,422 |
| TOTAL REQUEST | | | | | | 63,465 |
| TOTAL REQUEST (ROUNDED) | | | | | | 63,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | (1,820) |
| 10. Description of Proposed Construction Renovate building to provide a Command suite with offices, Sensitive Compartmented Information Facility (SCIF), arms room, operations center, conference rooms, file and general storage, and other functions of a standard Command and Control Facility. Renovate buildings to provide a non-standard Battalion Operations Facility, and non-standard Company Operations Facilities that include Chemical, Biological, Radiological, Nuclear, Explosive special equipment enclosed storage. A standard design vehicle maintenance shop will be constructed with organizational storage, petroleum, oil and lubricants storage, hazardous waste storage, and unmanned vehicle storage. Project also includes Intrusion Detection Systems (IDS) installation, Energy Monitoring and Control Systems (EMCS) connections and Building Information Systems. Access for persons with disabilities will be provided. Comprehensive building and furnishing related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include all required utilities and connections, exterior and security lighting, storm drainage, paving, curbs, walks and gutters, parking, site improvements, landscaping, signage, and information systems. Air Conditioning (Estimated 123 kW _r /35 Tons). | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Aberdeen Proving Ground, Maryland

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Command and Control Facility | 5. PROJECT NUMBER 68050 |
|--|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|-----------------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| Hazardous Waste Storage | m2 (SF) | 11.15 (120) | 1,046 | (12) |
| Unmanned Aerial Vehicle Storage | m2 (SF) | 167.23 (1,800) | 1,363 | (228) |
| Organizational Storage | m2 (SF) | 162.58 (1,750) | 1,053 | (171) |
| IDS Installation | LS | -- | -- | (40) |
| EMCS Connection | LS | -- | -- | (345) |
| SDD and EAct05 | LS | -- | -- | (810) |
| Antiterrorism Measures | LS | -- | -- | (758) |
| Building Information Systems | LS | -- | -- | (4,308) |
| | | | Total | 6,672 |

11. REQ: 27,809 m2 ADQT: NONE SUBSTD: 27,809 m2
PROJECT: Provide a Command and Control (C2) Facility at Aberdeen Proving Ground, Maryland. (New Mission)
REQUIREMENT: This project is required to provide adequate and functionally efficient facilities for units to support Chemical, Biological, Radiological, Nuclear, and High Yield Explosives (CBRNE) Command and Control, First Responder and equipment maintenance missions at Aberdeen Proving Ground, Maryland.
CURRENT SITUATION: Currently, units are housed in a number of substandard facilities in various locations at Aberdeen Proving Ground. Many of these facilities date back to World War I, or are temporary in construction. Due to condition and location, these facilities do not fully support the operational requirements of the organization in its current configuration. Because the units are expected to grow significantly over the coming decade as their missions expand, the current facilities will become increasingly inadequate and unsuitable.
IMPACT IF NOT PROVIDED: If this project is not provided, the supported units will remain in current inadequate facilities that will constrain their ability to respond to emerging mission requirements. Without this project, the units abilities to support their CBRNE Command and Control, First Responder, Weapons of Mass Destruction elimination and site exploitation missions cannot occur within required timeframes
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Aberdeen Proving Ground, Maryland

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Command and Control Facility | 5. PROJECT NUMBER 68050 |
|--|--------------------------------|

ADDITIONAL: (CONTINUED)
available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

| | |
|--|----------|
| (a) Date Design Started..... | OCT 2010 |
| (b) Percent Complete As Of January 2011..... | 15.00 |
| (c) Date 35% Designed..... | MAR 2011 |
| (d) Date Design Complete..... | OCT 2011 |
| (e) Parametric Cost Estimating Used to Develop Costs | YES |
| (f) Type of Design Contract: Design-bid-build | |
| (g) An energy study and life cycle cost analysis will be documented during the final design. | |

(2) Basis:

(a) Standard or Definitive Design: NO

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

| | |
|---|-------|
| (a) Production of Plans and Specifications..... | 2,403 |
| (b) All Other Design Costs..... | 3,004 |
| (c) Total Design Cost..... | 5,407 |
| (d) Contract..... | 3,004 |
| (e) In-house..... | 2,403 |

(4) Construction Contract Award..... JAN 2012

(5) Construction Start..... APR 2012

(6) Construction Completion..... APR 2014

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Aberdeen Proving Ground, Maryland

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Command and Control Facility | 5. PROJECT NUMBER 68050 |
|--|--------------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| Info Sys - ISC | OPA | 2013 | 1,820 |
| | | TOTAL | <u>1,820</u> |

Installation Engineer: David W. Carter
Phone Number: 410-306-1108

| | | | | | | | |
|--|---------------|---------------------------------------|---|------------|---------|--|-------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROGRAM | | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Meade Maryland | | | 4. COMMAND US Army Installation Management Command | | | 5. AREA CONSTRUCTION COST INDEX 1.00 | |
| 6. PERSONNEL STRENGTH: | | | | | | | |
| | | PERMANENT | | STUDENTS | | SUPPORTED | |
| | | OFFICER | ENLIST | CIVIL | OFFICER | ENLIST | CIVIL |
| A. AS OF 05 NOV 2010 | | 1375 | 4131 | 3208 | 91 | 589 | 13 |
| B. END FY 2016 | | 1515 | 4431 | 3752 | 62 | 692 | 10 |
| | | 685 | 3955 | 28086 | 42,133 | | |
| | | 857 | 4238 | 32921 | 48,478 | | |
| 7. INVENTORY DATA (\$000) | | | | | | | |
| A. TOTAL AREA..... | | 2,065 ha | | (5,102 AC) | | | |
| B. INVENTORY TOTAL AS OF 31 DEC 2010..... | | | | | | 2,689,275 | |
| C. AUTHORIZATION NOT YET IN INVENTORY..... | | | | | | 250,154 | |
| D. AUTHORIZATION REQUESTED IN THE FY 2012 PROGRAM..... | | | | | | 79,000 | |
| E. AUTHORIZATION INCLUDED IN THE FY 2013 PROGRAM..... | | | | | | 0 | |
| F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY)..... | | | | | | 0 | |
| G. REMAINING DEFICIENCY..... | | | | | | 414,174 | |
| H. GRAND TOTAL..... | | | | | | 3,432,603 | |
| 8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2012 PROGRAM: | | | | | | | |
| CATEGORY PROJECT | | | | COST | | DESIGN STATUS | |
| CODE | NUMBER | PROJECT TITLE | | (\$000) | START | COMPLETE | |
| 610 | 64939 | Applied Instruction Facility | | 43,000 | 10/2009 | 10/2011 | |
| 141 | 65755 | Brigade Complex | | 36,000 | 10/2010 | 10/2011 | |
| | | | | TOTAL | 79,000 | | |
| 9. FUTURE PROJECT APPROPRIATIONS: | | | | | | | |
| CATEGORY | | | | COST | | | |
| CODE | PROJECT TITLE | | (\$000) | | | | |
| A. INCLUDED IN THE FY 2013 PROGRAM: | | NONE | | | | | |
| B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): | | NONE | | | | | |
| C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): | | | | N/A | | | |
| 10. MISSION OR MAJOR FUNCTIONS: | | | | | | | |
| Provide base operations support for facilities and infrastructure, quality of life and protective services in support of Department of Defense activities and Federal agencies, to include the Defense Information Systems Agency, Defense Adjudications Activities, and Defense Media Activity. | | | | | | | |
| 11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: | | | | | | | |
| | | | | (\$000) | | | |
| A. AIR POLLUTION | | | | 0 | | | |

| | | |
|----------------------|---------------------------------------|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | 2. DATE 10 FEB 2011 |
|----------------------|---------------------------------------|------------------------|

INSTALLATION AND LOCATION: Fort Meade, Maryland

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (...CONTINUED)

(\$000)

B. WATER POLLUTION

0

C. OCCUPATIONAL SAFETY AND HEALTH

0

| | | | | | | |
|---|--|--|-------------------------------|---|--|--------------|
| 1.COMONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2.DATE 10 FEB 2011 | |
| 3.INSTALLATION AND LOCATION Fort Meade Maryland | | | | 4.PROJECT TITLE Applied Instruction Facility | | |
| 5.PROGRAM ELEMENT 22212A | | 6.CATEGORY CODE 610 | 7.PROJECT NUMBER 64939 | | 8.PROJECT COST (\$000) Auth 43,000 Approp 43,000 | |
| 9.COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 34,159 |
| Administrative Facility | | m2 (SF) | 5,389 (58,003) | | 2,490 | (13,420) |
| Renovate Lab Instructional Bldg | | m2 (SF) | 5,764 (62,038) | | 1,838 | (10,594) |
| Lab Instructional Bldg Addition | | m2 (SF) | 2,087 (22,460) | | 2,577 | (5,378) |
| FTX Organizational Classroom | | m2 (SF) | 743.22 (8,000) | | 2,810 | (2,089) |
| EMCS Connection | | LS | -- | | -- | (211) |
| Total from Continuation page | | | | | | (2,467) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 5,033 |
| Electric Service | | LS | -- | | -- | (352) |
| Water, Sewer, Gas | | LS | -- | | -- | (284) |
| Steam And/Or Chilled Water Dist | | LS | -- | | -- | (76) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (1,263) |
| Storm Drainage | | LS | -- | | -- | (1,873) |
| Site Imp(341) Demo(387) | | LS | -- | | -- | (728) |
| Information Systems | | LS | -- | | -- | (385) |
| Antiterrorism Measures | | LS | -- | | -- | (72) |
| ESTIMATED CONTRACT COST | | | | | | 39,192 |
| CONTINGENCY (5.00%) | | | | | | 1,960 |
| SUBTOTAL | | | | | | 41,152 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 2,346 |
| TOTAL REQUEST | | | | | | 43,498 |
| TOTAL REQUEST (ROUNDED) | | | | | | 43,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | (1,145) |
| 10.Description of Proposed Construction Construct Administrative and Academic Instruction Facilities. The addition will be connected to an existing Training Building. The facility consists of administrative office, administrative support, academic instruction space, and academic support spaces. Project also includes addition and renovation of existing academic instruction space. Project includes training space for Field Training Exercises (FTX) (high bay-training area), fire alarm systems, connection to Energy Monitoring and Control Systems (EMCS), building information systems, emergency lighting, fire and smoke detection and installation of uninterruptible power supply. Heating and air conditioning will be provided by self contained units. Supporting facilities include site and building utility connections for potable water, sanitary and storm sewers, natural gas, electrical, telephone, and information systems. Site improvements include paving, earthwork, grading, exterior site and building lighting, roadway access, parking, curbs and gutters, fencing, access gates, walks, storm drainage, storm water management pond, landscaping, and signage. Access for persons with disabilities will be provided. Comprehensive building and furnishing related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. All required antiterrorism and force protection measures are included. Demolish 1 building (TOTAL 6,343 m2/68,273 | | | | | | |

| | | |
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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Fort Meade, Maryland

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Applied Instruction Facility | 5. PROJECT NUMBER 64939 |
|--|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|----------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| SDD and EPAct05 | LS | -- | -- | (626) |
| Antiterrorism Measures | LS | -- | -- | (626) |
| Building Information Systems | LS | -- | -- | (1,215) |
| | | | Total | 2,467 |

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
SF). Air Conditioning (Estimated 1,125 kW/320 Tons).

11. REQ: 27,988 m2 ADQT: 16,942 m2 SUBSTD: 5,168 m2

PROJECT: Construct administrative and applied instruction facilities at Fort Meade, Maryland. (Current Mission)

REQUIREMENT: This project is required to accommodate and sustain the increased training demand of 30 percent growth to the Defense Information School (DINFOS) program. DINFOS currently trains an average of 3,200 students per year through 30 courses, varying from 5 to 109 days per course. DINFOS also supports courses to sustain Public Affairs (PA) and Visual Information (VI) forces throughout the career of PA and VI practitioners.

CURRENT SITUATION: Currently, DINFOS is located in a two-story brick building (Building 6500) constructed in 1998 at Fort George G. Meade. The two-story building is an air-conditioned administrative training facility. To support the increased training mission, DINFOS has converted various operational areas for training operations. The current building is neither configured to support, nor does it have sufficient space to accommodate, additional training requirements. Additional permanent space is required to provide adequate force protection, system reliability and expansion potential for current and projected new mission training requirements at Fort George G. Meade.

IMPACT IF NOT PROVIDED: DINFOS will not be able to operate and meet the new training requirements within the existing facility. The current facilities do not fully support new mission requirements, and if additional space is not provided, DINFOS will fall short of its training mission.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Meade, Maryland

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Applied Instruction Facility | 5. PROJECT NUMBER 64939 |
|--|--------------------------------|

ADDITIONAL: (CONTINUED)

Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... OCT 2009
 - (b) Percent Complete As Of January 2011..... 35.00
 - (c) Date 35% Designed..... JAN 2011
 - (d) Date Design Complete..... OCT 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build
 - (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: NO

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

- (a) Production of Plans and Specifications..... 1,690
- (b) All Other Design Costs..... 2,112
- (c) Total Design Cost..... 3,802
- (d) Contract..... 2,112
- (e) In-house..... 1,690

(4) Construction Contract Award..... JAN 2012

(5) Construction Start..... APR 2012

(6) Construction Completion..... APR 2014

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Meade, Maryland

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Applied Instruction Facility | 5. PROJECT NUMBER 64939 |
|--|--------------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| UPS Equipment | OPA | 2013 | 700 |
| Info Sys - ISC | OPA | 2013 | 445 |
| TOTAL | | | 1,145 |

Installation Engineer: Tejbir Singh
Phone Number: 301-677-9141

| | | | | | | |
|---|--|--|----------------------------|-------------------------------------|---|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Meade Maryland | | | | 4. PROJECT TITLE Brigade Complex | | |
| 5. PROGRAM ELEMENT 22096A | | 6. CATEGORY CODE 141 | 7. PROJECT NUMBER 65755 | | 8. PROJECT COST (\$000) Auth 36,000 Approp 36,000 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 25,703 |
| Brigade HQs/Operations Fac | | m2 (SF) | 7,022 (75,586) | | 2,285 | (16,044) |
| Wash Platform, Organizational | | EA | 1 -- | | 80,300 | (80) |
| Vehicle Maintenance Shop | | m2 (SF) | 657.20 (7,074) | | 2,594 | (1,705) |
| Visitor Control Facility | | m2 (SF) | 257.25 (2,769) | | 3,001 | (772) |
| Guardhouse | | m2 (SF) | 5.57 (60) | | 4,461 | (25) |
| Total from Continuation page | | | | | | (7,077) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 7,171 |
| Electric Service | | LS | -- | | -- | (577) |
| Water, Sewer, Gas | | LS | -- | | -- | (858) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (1,162) |
| Storm Drainage | | LS | -- | | -- | (1,308) |
| Site Imp(1,795) Demo(483) | | LS | -- | | -- | (2,278) |
| Information Systems | | LS | -- | | -- | (779) |
| Antiterrorism Measures | | LS | -- | | -- | (209) |
| ESTIMATED CONTRACT COST | | | | | | 32,874 |
| CONTINGENCY (5.00%) | | | | | | 1,644 |
| SUBTOTAL | | | | | | 34,518 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 1,968 |
| TOTAL REQUEST | | | | | | 36,486 |
| TOTAL REQUEST (ROUNDED) | | | | | | 36,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | (2,685) |
| 10. Description of Proposed Construction Construct Brigade Complex to support the Asymmetric Warfare Group. Project includes Headquarters/Operations facility (brigade, battalion and company headquarters space, Secure Compartmented Information Facility (SCIF), information processing center, installation of an uninterruptible power supply, standby generator, weapons storage, video teleconference center, classroom, combat readiness facility, and covered loading area; vehicle maintenance facility; fabrication facility; wash platform; visitors control center; guardhouse, Intrusion Detection System (IDS) installation, alarm and fire protection systems and administrative/shop building for displaced installation maintenance activity. Supporting facilities include electric service; water, sewer, and gas; paving, parking, walks, curbs, gutters; storm drainage; site improvement, landscaping, fencing; and information systems. Antiterrorism Force Protection measures include standoff distance and fencing. Heating and air conditioning systems will be self-contained. Connections to Energy Monitoring and Control System (EMCS) are required. Access for persons with disabilities will be provided. Comprehensive building and furnishing related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Demolish 4 buildings (TOTAL 4,965 m2/53,448 SF). Air Conditioning (Estimated 739 kW/210 Tons). | | | | | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Meade, Maryland

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Brigade Complex | 5. PROJECT NUMBER 65755 |
|---|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|-----------------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| Fabrication Shop | m2 (SF) | 586.13 (6,309) | 2,478 | (1,453) |
| Administrative Facility | m2 (SF) | 1,421 (15,300) | 2,359 | (3,353) |
| Standby Generator | LS | -- | -- | (75) |
| IDS Installation | LS | -- | -- | (60) |
| EMCS Connection | LS | -- | -- | (29) |
| SDD and EPAct05 | LS | -- | -- | (450) |
| Antiterrorism Measures | LS | -- | -- | (450) |
| Building Information Systems | LS | -- | -- | (1,207) |
| | | | Total | 7,077 |

11. REQ: 15,329 m2 ADQT: 4,232 m2 SUBSTD: NONE

PROJECT: Construct a Brigade complex to support the Asymmetric Warfare Group at Fort Meade, Maryland. (New Mission)

REQUIREMENT: The Asymmetric Warfare Group (AWG) conducts operations aimed at defeating asymmetric threats against the United States, and Allied personnel, such as improvised explosive devices (IED), dirty bombs, infrastructure attacks, suicide bombers, biological weapons and other tactics. This complex is required to support the mission of the AWG to protect lives and property in contingency operations. The complex must be adaptable to changing requirements to defeat unconventional warfare tactics in any combat operations. The AWG mission supports all Services involved in contingency operations. Soldiers in combat areas are at daily risk of loss of life or limbs to asymmetric warfare.

CURRENT SITUATION: No AWG complex exists now. The AWG is using temporary facilities and leased facilities at Fort Meade. Some of the existing facilities are old and substandard and do not provide the required space to accomplish the AWG mission.

IMPACT IF NOT PROVIDED: If this project is not provided, the AWG will not have the required facilities to conduct operations for planning and developing strategies to combat asymmetric warfare. Soldiers and personnel will continue to be exposed to daily threats in combat areas.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Meade, Maryland

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Brigade Complex | 5. PROJECT NUMBER 65755 |
|---|--------------------------------|

ADDITIONAL: (CONTINUED)
 project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
 - (1) Status:
 - (a) Date Design Started..... OCT 2010
 - (b) Percent Complete As Of January 2011..... 15.00
 - (c) Date 35% Designed..... MAR 2011
 - (d) Date Design Complete..... OCT 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build
 - (g) An energy study and life cycle cost analysis will be documented during the final design.
 - (2) Basis:
 - (a) Standard or Definitive Design: NO
 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 1,404
 - (b) All Other Design Costs..... 1,756
 - (c) Total Design Cost..... 3,160
 - (d) Contract..... 1,756
 - (e) In-house..... 1,404
 - (4) Construction Contract Award..... JAN 2012
 - (5) Construction Start..... APR 2012
 - (6) Construction Completion..... APR 2014

| | | |
|--------------|--|-------------|
| 1. COMPONENT | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE |
| ARMY | | 10 FEB 2011 |

3. INSTALLATION AND LOCATION
Fort Meade, Maryland

| | |
|------------------|-------------------|
| 4. PROJECT TITLE | 5. PROJECT NUMBER |
| Brigade Complex | 65755 |

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| Security Systems | OPA | 2012 | 1,455 |
| UPS Equipment | OPA | 2013 | 700 |
| Info Sys - ISC | OPA | 2013 | 530 |
| | | TOTAL | <u>2,685</u> |

Installation Engineer: Tejbir Singh
Phone Number: 301-677-9141

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2012
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

| STATE | INSTALLATION (COMMAND) | | | NEW/ | |
|---------------|-----------------------------------|---------------|---------------|---------|-------|
| ----- PROJECT | ----- | AUTHORIZATION | APPROPRIATION | CURRENT | |
| NUMBER | PROJECT TITLE | REQUEST | REQUEST | MISSION | PAGE |
| ----- | ----- | ----- | ----- | ----- | ----- |
| Missouri | Fort Leonard Wood (IMCOM) | | | | 219 |
| 64365 | Vehicle Maintenance Facility | 49,000 | 49,000 | C | 221 |
| | Subtotal Fort Leonard Wood Part I | \$ 49,000 | 49,000 | | |
| | * TOTAL MCA FOR Missouri | \$ 49,000 | 49,000 | | |

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|--|---|------------------------------|---|---------|---------|--|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | | | | | | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Fort Leonard Wood Missouri | | | 4. COMMAND US Army Installation Management Command | | | 5. AREA CONSTRUCTION COST INDEX 1.07 | |
| 6. PERSONNEL STRENGTH: | | | | | | | |
| | PERMANENT | | STUDENTS | | | SUPPORTED | |
| | OFFICER | ENLIST | CIVIL | OFFICER | ENLIST | CIVIL | |
| A. AS OF 05 NOV 2010 | 970 | 5942 | 2644 | 938 | 17066 | 14 | |
| B. END FY 2016 | 995 | 5607 | 2773 | 1085 | 17339 | 98 | |
| | | | | | | 37 | |
| | | | | | | 2016 | |
| | | | | | | 3834 | |
| | | | | | | 33,461 | |
| | | | | | | 3834 | |
| | | | | | | 33,800 | |
| 7. INVENTORY DATA (\$000) | | | | | | | |
| A. TOTAL AREA..... | 25,605 ha | | (63,270 AC) | | | | |
| B. INVENTORY TOTAL AS OF 31 DEC 2010..... | | | | | | 4,521,819 | |
| C. AUTHORIZATION NOT YET IN INVENTORY..... | | | | | | 912,729 | |
| D. AUTHORIZATION REQUESTED IN THE FY 2012 PROGRAM..... | | | | | | 49,000 | |
| E. AUTHORIZATION INCLUDED IN THE FY 2013 PROGRAM..... | | | | | | 196,000 | |
| F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY)..... | | | | | | 0 | |
| G. REMAINING DEFICIENCY..... | | | | | | 1,566,870 | |
| H. GRAND TOTAL..... | | | | | | 7,246,418 | |
| 8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2012 PROGRAM: | | | | | | | |
| CATEGORY PROJECT | | | | | COST | DESIGN STATUS | |
| CODE | NUMBER | PROJECT TITLE | | | (\$000) | START COMPLETE | |
| 214 | 64365 | Vehicle Maintenance Facility | | | 49,000 | 10/2007 10/2011 | |
| TOTAL | | | | | 49,000 | | |
| 9. FUTURE PROJECT APPROPRIATIONS: | | | | | | | |
| CATEGORY | | | | | COST | | |
| CODE | PROJECT TITLE | | | (\$000) | | | |
| A. INCLUDED IN THE FY 2013 PROGRAM: | | | | | | | |
| 721 | Trainee Barracks Complex 3, Ph 2 | | | 69,000 | | | |
| 141 | Company Headquarters Building | | | 27,000 | | | |
| 141 | Unit Operations Facilities | | | 26,000 | | | |
| 141 | Tactical Equipment Maintenance Facility | | | 44,000 | | | |
| 141 | Battalion Headquarters Building | | | 30,000 | | | |
| TOTAL | | | | | 196,000 | | |
| B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE | | | | | | | |
| C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): N/A | | | | | | | |
| 10. MISSION OR MAJOR FUNCTIONS: | | | | | | | |
| Provides support and facilities for a US Army Training Center, US Army Engineer School, US Army Prime Power School, US Army Chemical School, US Army Military Police School, US Army Reception Station, Noncommissioned Officer Academy/Drill Sergeant School, US Army Hospital, major combat and combat support forces and other tenant activities. Supports Reserve Components and other satellite activities and units. | | | | | | | |

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|----------------------|---------------------------------------|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | 2. DATE 10 FEB 2011 |
|----------------------|---------------------------------------|------------------------|

INSTALLATION AND LOCATION: Fort Leonard Wood, Missouri

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

| | |
|-----------------------------------|---------|
| | (\$000) |
| A. AIR POLLUTION | 0 |
| B. WATER POLLUTION | 0 |
| C. OCCUPATIONAL SAFETY AND HEALTH | 0 |

| | | | | | | |
|---|--|--|---------------------------|---|--|--------------|
| 1.COMONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2.DATE 10 FEB 2011 | |
| 3.INSTALLATION AND LOCATION Fort Leonard Wood Missouri | | | | 4.PROJECT TITLE Vehicle Maintenance Facility | | |
| 5.PROGRAM ELEMENT 85796A | | 6.CATEGORY CODE 214 | 7.PROJECT NUMBER 64365 | | 8.PROJECT COST (\$000) Auth 49,000 Approp 49,000 | |
| 9.COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 29,629 |
| Vehicle Maintenance Shops | | m2 (SF) | 5,099 (| 54,889) | 2,326 | (11,863) |
| UAV Storage Facility | | m2 (SF) | 167.23 (| 1,800) | 3,184 | (533) |
| Centralized Wash Facility | | EA | 1 -- | | 8361823 | (8,362) |
| Oil Storage Building | | m2 (SF) | 189.52 (| 2,040) | 1,046 | (198) |
| Hazardous Waste Storage | | m2 (SF) | 189.52 (| 2,040) | 841.10 | (159) |
| Total from Continuation page | | | | | | (8,514) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 14,955 |
| Electric Service | | LS | -- | | -- | (1,495) |
| Water, Sewer, Gas | | LS | -- | | -- | (2,079) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (1,252) |
| Storm Drainage | | LS | -- | | -- | (626) |
| Site Imp(9,371) Demo(18) | | LS | -- | | -- | (9,389) |
| Information Systems | | LS | -- | | -- | (114) |
| ESTIMATED CONTRACT COST | | | | | | 44,584 |
| CONTINGENCY (5.00%) | | | | | | 2,229 |
| SUBTOTAL | | | | | | 46,813 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 2,668 |
| TOTAL REQUEST | | | | | | 49,481 |
| TOTAL REQUEST (ROUNDED) | | | | | | 49,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10.Description of Proposed Construction Construct standard design vehicle maintenance facilities. This project includes one small and one medium maintenance facility, Central Vehicle Wash Facility (CVWF), organizational vehicle parking, Unmanned Aerial Vehicle (UAV)storage, organizational storage, oil and hazardous waste storage, administrative facility, building information systems, fire protection and alarm systems, Intrusion Detection System (IDS) installation, and Energy Monitoring and Control Systems (EMCS) connection. Facilities will require special foundations due to the soil conditions. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include site development, utilities and connections, water tower, sewer system lift station, lighting, paving, parking, walks, curbs and gutters, storm drainage, information systems, landscaping and signage. Heating and air conditioning will be provided by self-contained system. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for buildings standards will be provided. Access for individuals with disabilities will be provided. Comprehensive building and furnishing related interior design services are required. Demolish 1 building (TOTAL 223 m2/2,400 SF). Air Conditioning (Estimated 158 kW _r /45 Tons). | | | | | | |

| | | |
|-----------------------------|--|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|-----------------------------|--|------------------------|

3. INSTALLATION AND LOCATION
Fort Leonard Wood, Missouri

| | |
|--|----------------------------|
| 4. PROJECT TITLE Vehicle Maintenance Facility | 5. PROJECT NUMBER 64365 |
|--|----------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|------------------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| Organizational Storage | m2 (SF) | 1,138 (12,250) | 943.67 | (1,074) |
| Organizational Vehicle Parking | m2 (SY) | 55,881 (66,833) | 93.53 | (5,226) |
| Administrative Facility | m2 (SF) | 217.02 (2,336) | 3,170 | (688) |
| Special Foundations | LS | -- | -- | (933) |
| IDS Connection | LS | -- | -- | (12) |
| EMCS Connection | LS | -- | -- | (99) |
| SDD and EPAct05 | LS | -- | -- | (256) |
| Building Information Systems | LS | -- | -- | (226) |
| | | | Total | 8,514 |

11. REQ: 36,504 m2 ADQT: 3,451 m2 SUBSTD: 12,598 m2
PROJECT: Construct standard design Vehicle Maintenance Facilities at Fort Leonard Wood, Missouri. (Current Mission)
REQUIREMENT: This project is required to support military personnel stationed at Fort Leonard Wood. This project will provide adequate maintenance and administrative space that comply with current Department of the Army Standards. This project is associated with the global Defense posture changes.
CURRENT SITUATION: Adequate facilities are not available to support the military units on the installation. The existing motor pool facilities were constructed in 1967. Tracked and combat heavy vehicles do not fit through the doors of the existing facilities. Maintenance is being performed outside in all weather conditions. Existing operations and maintenance buildings have major structural deficiencies.
IMPACT IF NOT PROVIDED: If this project is not provided, the Army will not be able to provide permanent maintenance and administrative facilities for the military units at Fort Leonard Wood. Operational, equipment, and training readiness will continue to be adversely affected, as well as morale and retention. Vehicle maintenance will continue to be performed outdoors and the backlog of maintenance will continue to increase. Soldiers will continue to work in substandard facilities.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Leonard Wood, Missouri

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Vehicle Maintenance Facility | 5. PROJECT NUMBER 64365 |
|--|--------------------------------|

ADDITIONAL: (CONTINUED)

Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... OCT 2007
 - (b) Percent Complete As Of January 2011..... 35.00
 - (c) Date 35% Designed..... JAN 2011
 - (d) Date Design Complete..... OCT 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Adapt-Build
 - (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Leonard Wood

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

- (a) Production of Plans and Specifications..... 768
- (b) All Other Design Costs..... 816
- (c) Total Design Cost..... 1,584
- (d) Contract..... 816
- (e) In-house..... 768

(4) Construction Contract Award..... JAN 2012

(5) Construction Start..... APR 2012

(6) Construction Completion..... APR 2014

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Leonard Wood, Missouri

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Vehicle Maintenance Facility | 5. PROJECT NUMBER 64365 |
|--|--------------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| NA | | | |

Installation Engineer: Bryan Parker, PE
Phone Number: 573-596-3233

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2012
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

| STATE | INSTALLATION (COMMAND) | NEW/ | | | |
|---------------|---------------------------|---------------|---------------|---------|-------|
| ----- PROJECT | ----- | AUTHORIZATION | APPROPRIATION | CURRENT | |
| NUMBER | PROJECT TITLE | REQUEST | REQUEST | MISSION | PAGE |
| ----- | ----- | ----- | ----- | ----- | ----- |
| New York | Fort Drum (IMCOM) | | | | 227 |
| 58005 | Ammunition Supply Point | 5,700 | 5,700 | C | 229 |
| 61235 | Chapel | 7,600 | 7,600 | C | 232 |
| | Subtotal Fort Drum Part I | \$ 13,300 | 13,300 | | |
| | * TOTAL MCA FOR New York | \$ 13,300 | 13,300 | | |

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|--|---|-------------------------|---|---------|---------|---|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | | | | | | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Fort Drum New York | | | 4. COMMAND US Army Installation Management Command | | | 5. AREA CONSTRUCTION COST INDEX 1.15 | |
| 6. PERSONNEL STRENGTH: | | | | | | | |
| | PERMANENT | | STUDENTS | | | SUPPORTED | |
| | OFFICER | ENLIST | CIVIL | OFFICER | ENLIST | CIVIL | TOTAL |
| A. AS OF 05 NOV 2010 | 2238 | 15576 | 1838 | 0 | 109 | 0 | 173 724 3351 24,009 |
| B. END FY 2016 | 2234 | 15175 | 1974 | 0 | 65 | 0 | 173 724 3243 23,588 |
| 7. INVENTORY DATA (\$000) | | | | | | | |
| A. TOTAL AREA..... | 43,412 ha | | (107,272 AC) | | | | |
| B. INVENTORY TOTAL AS OF 31 DEC 2010..... | | | | | | 5,729,660 | |
| C. AUTHORIZATION NOT YET IN INVENTORY..... | | | | | | 1,443,200 | |
| D. AUTHORIZATION REQUESTED IN THE FY 2012 PROGRAM..... | | | | | | 13,300 | |
| E. AUTHORIZATION INCLUDED IN THE FY 2013 PROGRAM..... | | | | | | 331,000 | |
| F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY)..... | | | | | | 0 | |
| G. REMAINING DEFICIENCY..... | | | | | | 1,523,835 | |
| H. GRAND TOTAL..... | | | | | | 9,040,995 | |
| 8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2012 PROGRAM: | | | | | | | |
| CATEGORY PROJECT | | PROJECT TITLE | | | COST | DESIGN STATUS | |
| CODE | NUMBER | | | | (\$000) | START | COMPLETE |
| 422 | 58005 | Ammunition Supply Point | | | 5,700 | 09/2009 | 07/2012 |
| 736 | 61235 | Chapel | | | 7,600 | 11/2009 | 07/2012 |
| TOTAL | | | | | 13,300 | | |
| 9. FUTURE PROJECT APPROPRIATIONS: | | | | | | | |
| CATEGORY | | PROJECT TITLE | | | COST | | |
| CODE | | | | (\$000) | | | |
| A. INCLUDED IN THE FY 2013 PROGRAM: | | | | | | | |
| 740 | Physical Fitness Facility | | | 14,000 | | | |
| 422 | Ammunition Storehouse, Installation | | | 28,000 | | | |
| 141 | Brigade Complex | | | 69,000 | | | |
| 141 | Combat Aviation Brigade Complex, Ph 1 | | | 75,000 | | | |
| 141 | General Purpose Administration Facility | | | 57,000 | | | |
| 721 | MP EOD and Functional Support Fac, Ph 2 | | | 66,000 | | | |
| 550 | Soldier Speciality Care Clinic | | | 22,000 | | | |
| TOTAL | | | | | 331,000 | | |
| B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE | | | | | | | |
| C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): | | | | | N/A | | |

| | | |
|----------------------|---------------------------------------|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | 2. DATE 10 FEB 2011 |
|----------------------|---------------------------------------|------------------------|

INSTALLATION AND LOCATION: Fort Drum, New York

10. MISSION OR MAJOR FUNCTIONS:

The 10th Mountain Division and Fort Drum trains, equips, projects and sustains campaign quality force packages to provide regional combatant commanders the capability to sustain joint and expeditionary operations while caring for Soldiers and their Families.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

| | |
|-----------------------------------|---------|
| | (\$000) |
| A. AIR POLLUTION | 0 |
| B. WATER POLLUTION | 0 |
| C. OCCUPATIONAL SAFETY AND HEALTH | 0 |

| | | | | | | |
|---|--|--|-------------------------------|--|--|----------------|
| 1.COMONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2.DATE 10 FEB 2011 | |
| 3.INSTALLATION AND LOCATION Fort Drum New York | | | | 4.PROJECT TITLE Ammunition Supply Point | | |
| 5.PROGRAM ELEMENT 22096A | | 6.CATEGORY CODE 422 | 7.PROJECT NUMBER 58005 | | 8.PROJECT COST (\$000) Auth 5,700 Approp 5,700 | |
| 9.COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 4,081 |
| Ammo Supply Point Magazines | | m2 (SF) | 836.13 (| 9,000) | 3,238 | (2,707) |
| Administrative Facility | | m2 (SF) | 356.75 (| 3,840) | 2,999 | (1,070) |
| Install Exterior Security Sys | | EA | 1 -- | | 135,378 | (135) |
| Special Foundations | | LS | -- | | -- | (55) |
| SDD and EPAct05 | | LS | -- | | -- | (78) |
| Building Information Systems | | LS | -- | | -- | (36) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 906 |
| Electric Service | | LS | -- | | -- | (108) |
| Water, Sewer, Gas | | LS | -- | | -- | (110) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (200) |
| Storm Drainage | | LS | -- | | -- | (85) |
| Site Imp(109) Demo() | | LS | -- | | -- | (109) |
| Information Systems | | LS | -- | | -- | (294) |
| ESTIMATED CONTRACT COST | | | | | | 4,987 |
| CONTINGENCY (5.00%) | | | | | | 249 |
| SUBTOTAL | | | | | | 5,236 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 298 |
| DESIGN/BUILD - DESIGN COST | | | | | | 209 |
| TOTAL REQUEST | | | | | | 5,743 |
| TOTAL REQUEST (ROUNDED) | | | | | | 5,700 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10.Description of Proposed Construction Upgrade of Ammunition Supply Point (ASP) to construct four new earth-covered magazines, a new administration facility, installation of exterior security system, building information systems, and special foundations. Supporting facilities will consist of upgrading existing power lines within the site, water and sewer systems for administrative facility, storm drainage, information systems; paving, parking, walks, curbs and gutters. Access for persons with disabilities will be provided. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 35 kW _r /10 Tons). | | | | | | |
| 11. REQ: | | 6,209 m2 | ADQT: | | 5,016 m2 | SUBSTD: 922 m2 |
| PROJECT: Upgrade the Ammunition Supply Point at Fort Drum, New York. (Current Mission) | | | | | | |
| REQUIREMENT: This project is required to adequately support training and deployment of the 10th Mountain Division and other units that train at Fort Drum. | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|----------------------------|------------------------------|----------|--|-------|----------------------------|----------|-------------------------------|----------|--|-----|---|--|---|-----|---------------------------------|-----|----------------------------|-----|-------------------|-----|-------------------|-----|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 | | | | | | | | | | | | | | | | | | | | | | |
| 3. INSTALLATION AND LOCATION Fort Drum, New York | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. PROJECT TITLE Ammunition Supply Point | 5. PROJECT NUMBER 58005 | | | | | | | | | | | | | | | | | | | | | | | |
| <p><u>CURRENT SITUATION:</u> The existing magazines do not have adequate storage space for the 10th Mountain Division's basic load or Fort Drum training mission load. The existing administrative facility is inadequate for the existing staff and the Division Ammunition Manager. The existing electric service is inadequate and has been the source of damage to computers and other electronic equipment.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The ASP will continue to be unable to adequately support training and deployment of the 10th Mountain Division and other units at Fort Drum. This condition will have an adverse effect on all units.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p> | | | | | | | | | | | | | | | | | | | | | | | | |
| 12. <u>SUPPLEMENTAL DATA:</u> | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr> <td>(a) Date Design Started.....</td> <td>SEP 2009</td> </tr> <tr> <td>(b) Percent Complete As Of January 2011.....</td> <td>15.00</td> </tr> <tr> <td>(c) Date 35% Designed.....</td> <td>JAN 2012</td> </tr> <tr> <td>(d) Date Design Complete.....</td> <td>JUL 2012</td> </tr> <tr> <td>(e) Parametric Cost Estimating Used to Develop Costs</td> <td>YES</td> </tr> <tr> <td>(f) Type of Design Contract: Design-build</td> <td></td> </tr> </table> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design: NO</p> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table border="0"> <tr> <td>(a) Production of Plans and Specifications.....</td> <td>111</td> </tr> <tr> <td>(b) All Other Design Costs.....</td> <td>223</td> </tr> <tr> <td>(c) Total Design Cost.....</td> <td>334</td> </tr> <tr> <td>(d) Contract.....</td> <td>223</td> </tr> <tr> <td>(e) In-house.....</td> <td>111</td> </tr> </table> <p>(4) Construction Contract Award..... JAN 2012</p> | | | (a) Date Design Started..... | SEP 2009 | (b) Percent Complete As Of January 2011..... | 15.00 | (c) Date 35% Designed..... | JAN 2012 | (d) Date Design Complete..... | JUL 2012 | (e) Parametric Cost Estimating Used to Develop Costs | YES | (f) Type of Design Contract: Design-build | | (a) Production of Plans and Specifications..... | 111 | (b) All Other Design Costs..... | 223 | (c) Total Design Cost..... | 334 | (d) Contract..... | 223 | (e) In-house..... | 111 |
| (a) Date Design Started..... | SEP 2009 | | | | | | | | | | | | | | | | | | | | | | | |
| (b) Percent Complete As Of January 2011..... | 15.00 | | | | | | | | | | | | | | | | | | | | | | | |
| (c) Date 35% Designed..... | JAN 2012 | | | | | | | | | | | | | | | | | | | | | | | |
| (d) Date Design Complete..... | JUL 2012 | | | | | | | | | | | | | | | | | | | | | | | |
| (e) Parametric Cost Estimating Used to Develop Costs | YES | | | | | | | | | | | | | | | | | | | | | | | |
| (f) Type of Design Contract: Design-build | | | | | | | | | | | | | | | | | | | | | | | | |
| (a) Production of Plans and Specifications..... | 111 | | | | | | | | | | | | | | | | | | | | | | | |
| (b) All Other Design Costs..... | 223 | | | | | | | | | | | | | | | | | | | | | | | |
| (c) Total Design Cost..... | 334 | | | | | | | | | | | | | | | | | | | | | | | |
| (d) Contract..... | 223 | | | | | | | | | | | | | | | | | | | | | | | |
| (e) In-house..... | 111 | | | | | | | | | | | | | | | | | | | | | | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Drum, New York

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Ammunition Supply Point | 5. PROJECT NUMBER 58005 |
|---|--------------------------------|

12. SUPPLEMENTAL DATA: (Continued)

- A. Estimated Design Data: (Continued)
- (5) Construction Start..... APR 2012
 - (6) Construction Completion..... JUL 2013

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

| <u>Equipment</u> <u>Nomenclature</u> | <u>Procuring</u> <u>Appropriation</u> | <u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u> | <u>Cost</u> <u>(\$000)</u> |
|---|--|--|-------------------------------|
| NA | | | |

Installation Engineer: James Corriveau
Phone Number: 315-772-5371

| | | | | | |
|--|-------------------------|--|---|------------------------|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Drum New York | | | 4. PROJECT TITLE Chapel | | |
| 5. PROGRAM ELEMENT 22096A | 6. CATEGORY CODE 736 | 7. PROJECT NUMBER 61235 | 8. PROJECT COST (\$000) Auth 7,600 Approp 7,600 | | |
| 9. COST ESTIMATES | | | | | |
| ITEM | | UM (M/E) | QUANTITY | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | 4,685 |
| Chapel Addition | | m2 (SF) | 1,185 (12,750) | 2,736 | (3,241) |
| Chapel Renovations | | m2 (SF) | 2,293 (24,684) | 584.47 | (1,340) |
| EMCS Connection | | LS | -- | -- | (8) |
| SDD and EPAct05 | | LS | -- | -- | (68) |
| Building Information Systems | | LS | -- | -- | (28) |
| <u>SUPPORTING FACILITIES</u> | | | | | 1,955 |
| Electric Service | | LS | -- | -- | (163) |
| Water, Sewer, Gas | | LS | -- | -- | (167) |
| Paving, Walks, Curbs & Gutters | | LS | -- | -- | (650) |
| Storm Drainage | | LS | -- | -- | (21) |
| Site Imp(913) Demo() | | LS | -- | -- | (913) |
| Antiterrorism Measures | | LS | -- | -- | (41) |
| ESTIMATED CONTRACT COST | | | | | 6,640 |
| CONTINGENCY (5.00%) | | | | | 332 |
| SUBTOTAL | | | | | 6,972 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | 397 |
| DESIGN/BUILD - DESIGN COST | | | | | 279 |
| TOTAL REQUEST | | | | | 7,648 |
| TOTAL REQUEST (ROUNDED) | | | | | 7,600 |
| INSTALLED EQT-OTHER APPROP | | | | | () |
| 10. Description of Proposed Construction Construct an addition to and renovation of existing chapels. Primary facilities include a Chapel addition, Chapel renovations, connection to Energy Monitoring and Control Systems (EMCS) and building information systems. Supporting facilities include utilities (electric, water, gas, sewer, and communications services), emergency and security lighting, fire protection systems, public address system, paving, walks, curbs and gutters, parking, storm drainage, information systems and site improvements. Access for individuals with disabilities will be provided. Heating and air conditioning will be provided by self-contained units. Anti-terrorism/force protection measures are included. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Comprehensive building and furnishing related interior design is required. Air Conditioning (Estimated 158 kW/45 Tons). | | | | | |
| 11. REQ: 7,390 m2 ADQT: 2,780 m2 SUBSTD: 329 m2 | | | | | |
| PROJECT: Construct an addition and renovate existing Chapels at Fort Drum, New York. (Current Mission) | | | | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Drum, New York

| | |
|--------------------------------|--------------------------------|
| 4. PROJECT TITLE Chapel | 5. PROJECT NUMBER 61235 |
|--------------------------------|--------------------------------|

REQUIREMENT: This project is required to provide adequate facilities for religious worship at Fort Drum, NY. The proposed renovation/addition work will more than double the worship center patron capacity. This project allows for office space consolidation of all garrison chaplains and their staff.

CURRENT SITUATION: Fort Drum has a severe shortage of religious facility assets. The main post chapel cannot accommodate the seating requirement for the on-post housing population and does not have sufficient office space for all assigned chaplains and their assistants. Services are conducted with standing room only and not having the chaplain staff collocated causes inefficiencies and inconsistencies in planning events.

IMPACT IF NOT PROVIDED: If this project is not provided, many of the emotional and spiritual needs of Soldiers in basic training may not be met. Without this facility, Fort Drum will continue to have a severe shortage of religious facilities.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

| | |
|--|------------|
| (1) Status: | |
| (a) Date Design Started..... | NOV 2009 |
| (b) Percent Complete As Of January 2011..... | 15.00 |
| (c) Date 35% Designed..... | JAN 2012 |
| (d) Date Design Complete..... | JUL 2012 |
| (e) Parametric Cost Estimating Used to Develop Costs | YES |
| (f) Type of Design Contract: Design-build | |
| (2) Basis: | |
| (a) Standard or Definitive Design: YES | |
| (b) Where Most Recently Used: | Fort Bliss |
| (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): | (\$000) |
| (a) Production of Plans and Specifications..... | 143 |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

| | |
|---|--|
| 3. INSTALLATION AND LOCATION Fort Drum, New York | |
|---|--|

| | |
|--------------------------------|--------------------------------|
| 4. PROJECT TITLE Chapel | 5. PROJECT NUMBER 61235 |
|--------------------------------|--------------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

| | |
|--------------------------------------|----------|
| (b) All Other Design Costs..... | 286 |
| (c) Total Design Cost..... | 429 |
| (d) Contract..... | 286 |
| (e) In-house..... | 143 |
| (4) Construction Contract Award..... | JAN 2012 |
| (5) Construction Start..... | APR 2012 |
| (6) Construction Completion..... | OCT 2013 |

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-------------------------------|--------------------------------|--|---------------------|
| NA | | | |

Installation Engineer: James W. Corriveau
 Phone Number: 315-772-5371

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2012
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

| STATE | INSTALLATION (COMMAND) | NEW/ | | | |
|----------------|--|---------------|---------------|---------|-------|
| ----- PROJECT | ----- | AUTHORIZATION | APPROPRIATION | CURRENT | |
| NUMBER | PROJECT TITLE | REQUEST | REQUEST | MISSION | PAGE |
| ----- | ----- | ----- | ----- | ----- | ----- |
| North Carolina | Fort Bragg (IMCOM) | | | | 237 |
| 43335 | NCO Academy | 42,000 | 42,000 | C | 239 |
| 67711 | Access Roads, Ph 2 | 18,000 | 18,000 | C | 243 |
| 69835 | Unmanned Aerial Vehicle Maintenance Hangar | 54,000 | 54,000 | C | 246 |
| 70751 | Brigade Complex Facilities | 49,000 | 49,000 | C | 250 |
| 76958 | Battle Command Training Center | 23,000 | 23,000 | C | 254 |
| | Subtotal Fort Bragg Part I | \$ 186,000 | 186,000 | | |
| | * TOTAL MCA FOR North Carolina | \$ 186,000 | 186,000 | | |

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|---|---------------------------------------|--|---|---------|--------|--|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | | | | | | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Fort Bragg North Carolina | | | 4. COMMAND US Army Installation Management Command | | | 5. AREA CONSTRUCTION COST INDEX 0.92 | |
| 6. PERSONNEL STRENGTH: | | | | | | | |
| | PERMANENT | | STUDENTS | | | SUPPORTED | |
| | OFFICER | ENLIST | CIVIL | OFFICER | ENLIST | CIVIL | TOTAL |
| A. AS OF 05 NOV 2010 | 7177 | 39924 | 6234 | 857 | 3911 | 104 | 307 1183 10486 70,183 |
| B. END FY 2016 | 8137 | 39099 | 8232 | 832 | 3331 | 107 | 867 3990 12583 77,178 |
| 7. INVENTORY DATA (\$000) | | | | | | | |
| A. TOTAL AREA..... | 592,383 ha | | (1,463,805 AC) | | | | |
| B. INVENTORY TOTAL AS OF 31 DEC 2010..... | | | | | | | 15,680,473 |
| C. AUTHORIZATION NOT YET IN INVENTORY..... | | | | | | | 2,316,044 |
| D. AUTHORIZATION REQUESTED IN THE FY 2012 PROGRAM..... | | | | | | | 186,000 |
| E. AUTHORIZATION INCLUDED IN THE FY 2013 PROGRAM..... | | | | | | | 36,000 |
| F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY)..... | | | | | | | 0 |
| G. REMAINING DEFICIENCY..... | | | | | | | 3,039,295 |
| H. GRAND TOTAL..... | | | | | | | 21,257,812 |
| 8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2012 PROGRAM: | | | | | | | |
| CATEGORY | PROJECT | | | | | COST | DESIGN STATUS |
| CODE | NUMBER | PROJECT TITLE | | | | (\$000) | START COMPLETE |
| 171 | 43335 | NCO Academy | | | | 42,000 | 01/2010 10/2011 |
| 851 | 67711 | Access Roads, Ph 2 | | | | 18,000 | |
| 211 | 69835 | Unmanned Aerial Vehicle Maintenance Hangar | | | | 54,000 | 09/2010 10/2011 |
| 832 | 70751 | Brigade Complex Facilities | | | | 49,000 | 08/2010 10/2011 |
| 172 | 76958 | Battle Command Training Center | | | | 23,000 | 09/2009 10/2011 |
| TOTAL | | | | | | 186,000 | |
| 9. FUTURE PROJECT APPROPRIATIONS: | | | | | | | |
| CATEGORY | | | | | | COST | |
| CODE | | PROJECT TITLE | | | | (\$000) | |
| A. INCLUDED IN THE FY 2013 PROGRAM: | | | | | | | |
| 178 | | Aerial Gunnery Range | | | | 36,000 | |
| TOTAL | | | | | | 36,000 | |
| B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE | | | | | | | |
| C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): | | | | | | N/A | |
| 10. MISSION OR MAJOR FUNCTIONS: | | | | | | | |
| Provide the nation's Armed Forces with a sustaining base and a power projection platform, in support of National Objectives. Major functions include: Support and enable operational and training requirements of Maneuver units, support basic and advanced skill training for new Soldiers; exercise command and control; provide for public safety and security; provide sound stewardship of installation resources and the environment; provide services/programs to enable readiness; execute community and family support services and programs; maintain and improve installation infrastructure. | | | | | | | |

| | | |
|----------------------|---------------------------------------|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | 2. DATE 10 FEB 2011 |
|----------------------|---------------------------------------|------------------------|

INSTALLATION AND LOCATION: Fort Bragg, North Carolina

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

| | |
|-----------------------------------|---------|
| | (\$000) |
| A. AIR POLLUTION | 0 |
| B. WATER POLLUTION | 0 |
| C. OCCUPATIONAL SAFETY AND HEALTH | 0 |

| | | | | | | |
|---|--|--|-------------------------------|--------------------------------|--|--------------|
| 1.COMONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2.DATE 10 FEB 2011 | |
| 3.INSTALLATION AND LOCATION Fort Bragg North Carolina | | | | 4.PROJECT TITLE NCO Academy | | |
| 5.PROGRAM ELEMENT 22096A | | 6.CATEGORY CODE 171 | 7.PROJECT NUMBER 43335 | | 8.PROJECT COST (\$000) Auth 42,000 Approp 42,000 | |
| 9.COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 31,829 |
| General Instruction Building | | m2 (SF) | 8,992 (96,791) | | 2,150 | (19,331) |
| Transient Barracks | | m2 (SF) | 6,350 (68,351) | | 1,605 | (10,190) |
| Organizational Storage | | m2 (SF) | 418.06 (4,500) | | 866.93 | (362) |
| Multi-purpose Athletics Field | | EA | 1 -- | | 400,160 | (400) |
| Running Track | | m2 (SY) | 2,926 (3,500) | | 66.70 | (195) |
| Total from Continuation page | | | | | | (1,351) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 6,443 |
| Electric Service | | LS | -- | | -- | (400) |
| Water, Sewer, Gas | | LS | -- | | -- | (447) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (2,382) |
| Storm Drainage | | LS | -- | | -- | (854) |
| Site Imp(1,058) Demo(977) | | LS | -- | | -- | (2,035) |
| Information Systems | | LS | -- | | -- | (260) |
| Antiterrorism Measures | | LS | -- | | -- | (65) |
| ESTIMATED CONTRACT COST | | | | | | 38,272 |
| CONTINGENCY (5.00%) | | | | | | 1,914 |
| SUBTOTAL | | | | | | 40,186 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 2,291 |
| TOTAL REQUEST | | | | | | 42,477 |
| TOTAL REQUEST (ROUNDED) | | | | | | 42,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10.Description of Proposed Construction Construct a Non-Commissioned Officers' Academy (NCOA) consisting of general instruction buildings, transient barracks, organizational storage, and multipurpose field and running track. Project will also include building information systems and connections to Energy Monitoring and Control Systems (EMCS). Supporting facilities include all required utilities and connections, exterior and security lighting, storm drainage, paving, curbs, walks and gutters, parking, fire protection and alarm systems, mass notification system, site improvements and landscaping. Access for persons with disabilities will be provided. Comprehensive building and furnishing related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Antiterrorism/Force Protection (AT/FP) will be provided, including a Mass Notification System and site measures. Demolish 38 buildings (TOTAL 12,094 m2/130,176 SF). Air Conditioning (Estimated 123 kW/35 Tons). | | | | | | |
| 11. REQ: | | 64,690 m2 | ADQT: 45,444 m2 | | SUBSTD: | 2,728 m2 |
| PROJECT: Construct an NCO Academy at Fort Bragg, North Carolina. (Current Mission) | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

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| 4. PROJECT TITLE NCO Academy | 5. PROJECT NUMBER 43335 |
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9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|----------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| EMCS Connection | LS | -- | -- | (29) |
| SDD and EPAct05 | LS | -- | -- | (598) |
| Building Information Systems | LS | -- | -- | (724) |
| | | | Total | 1,351 |

REQUIREMENT: The NCOA is required for the conduct of five Army-mandated programs of instruction tailored for the NCO corps: (1) Warrior Leader Course, (2) Basic Noncommissioned Officers Course Phase I, (3) Battle Staff Course, (4) First Sergeant Course, and (5) Instructor Training Course. Two of the five courses, Battle Staff Course and First Sergeant Course, require Video Teleconferencing/distance-learning classrooms. Traditional classroom space is used for the other three courses. All classrooms must be able to support instruction by lecture, projection media, and be configured for group projects. Power and network connections are required to each instructor and student desk.

CURRENT SITUATION: The current NCOA occupies facilities which are failing or are in a failed condition. The NCOA is currently housed in 38 separate World War II legacy facilities. These facilities are inadequate, do not have the functional relationships nor the adjacencies required of a modern, efficient Army school house, and do not meet the current standards for an NCOA.

IMPACT IF NOT PROVIDED: If this project is not provided the Fort Bragg NCO Academy will continue to be housed in inadequate World War II era facilities that are energy inefficient. The separate facilities also encumber valuable real estate that keeps the installation from realizing other land use priorities.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

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|-------------------------------------|--------------------------------|
| 4. PROJECT TITLE NCO Academy | 5. PROJECT NUMBER 43335 |
|-------------------------------------|--------------------------------|

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... JAN 2010
 - (b) Percent Complete As Of January 2011..... 35.00
 - (c) Date 35% Designed..... JAN 2011
 - (d) Date Design Complete..... OCT 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build
 - (g) An energy study and life cycle cost analysis will be documented during the final design.

 - (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Sam Houston

 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 842
 - (b) All Other Design Costs..... 1,263
 - (c) Total Design Cost..... 2,105
 - (d) Contract..... 1,263
 - (e) In-house..... 842

 - (4) Construction Contract Award..... JAN 2012

 - (5) Construction Start..... APR 2012

 - (6) Construction Completion..... APR 2014

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

| | |
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| 4. PROJECT TITLE NCO Academy | 5. PROJECT NUMBER 43335 |
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12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| NA | | | |

Installation Engineer: Gregory G. Bean
Phone Number: 910-396-4009

| | | | | | | |
|---|--|--|----------------------------|--|---|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Bragg North Carolina | | | | 4. PROJECT TITLE Access Roads, Ph 2 | | |
| 5. PROGRAM ELEMENT 22096A | | 6. CATEGORY CODE 851 | 7. PROJECT NUMBER 67711 | | 8. PROJECT COST (\$000) Auth 18,000 Approp 18,000 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| PRIMARY FACILITY | | | | | | 17,000 |
| Roads | | km (MI) | 4.02 (2.50) | | 4228856 | (17,000) |
| SUPPORTING FACILITIES | | | | | | |
| ESTIMATED CONTRACT COST | | | | | | 17,000 |
| CONTINGENCY (5.00%) | | | | | | 850 |
| SUBTOTAL | | | | | | 17,850 |
| SUPV, INSP & OVERHEAD (.00 %) | | | | | | 0 |
| TOTAL REQUEST | | | | | | 17,850 |
| TOTAL REQUEST (ROUNDED) | | | | | | 18,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | (0) |
| 10. Description of Proposed Construction This is Phase 2 of a 2 phase project that will complete the final 2.5 miles of the Murchison Road project to allow the closure of Fort Bragg Boulevard to civilian traffic. Phase 1, PN 61539 was funded in FY09 at \$21.8M to construct the first 1.5 miles of an approximately 4 mile project. Murchison Road Right-of-Way Acquisition, PN 75416 (\$17M, FY11) will purchase the right-of-way required to construct the phase 2 project. Phase 2 includes: construction of new off-installation entrances to Army activities; urgently needed improvement of existing highways serving Army activities; the Federal Government share of the cost of relocating highways severed by expansion or construction of new Army facilities; and alterations to roads near Army activities to accommodate special military vehicles. Funds provided will be transferred to the Federal Highway Administration of the Department of Transportation, which is responsible under Title 23 USC 210 for assuring proper execution of the work. The complete project will widen approximately 4 miles of Murchison Road from 4-lanes to 6-lanes (to include interchanges at Randolph Street and Honeycutt Road) to accommodate traffic redirected due to the closure of Fort Bragg Boulevard that is needed for Antiterrorism and Force Protection. Also, the project includes road improvements to provide a new entrance to an existing elementary school. This 2nd Phase is for the Army's share of approximately 2.5 miles of 6 laning | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Fort Bragg, North Carolina | | |
| 4. PROJECT TITLE Access Roads, Ph 2 | 5. PROJECT NUMBER 67711 | |
| <p>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</p> <p>Murchison Road from the Honeycutt Road past Butner Road tying into Spring Lake (including the Randolph Street interchange).</p> | | |
| <p>11. REQ: 6 km ADQT: 2 km SUBSTD: 3 km</p> <p><u>PROJECT:</u> To provide the Army Defense Access Road Program share of a \$35M Phase 2 project to widen Murchison Road at Fort Bragg, North Carolina. (Current Mission)</p> <p><u>REQUIREMENT:</u> Fort Bragg Boulevard is a 4-lane public highway that traverses through the eastern portion of Fort Bragg in a north-south direction. It is necessary to close Fort Bragg Boulevard to non-DOD traffic for AT/FP. The non-DOD traffic currently using Fort Bragg Boulevard will be redirected to Murchison Road. The redirected traffic will require the widening of Murchison Road from 4 to 6-lanes, with interchanges at Randolph Street and Honeycutt Road. Additionally, the Murchison Road improvements will require the closing of the existing entrance to an elementary school. Road improvements are required to provide an alternate entrance at Randolph Street. Total estimated cost for the construction of the Phase 2 of the project is \$35M, which includes State of North Carolina's portion of the costs.</p> <p><u>CURRENT SITUATION:</u> Existing Fort Bragg Boulevard (a state highway that crosses Fort Bragg property) must be closed to non-DOD traffic for AT/FP. North Carolina Department of Transportation requires improvements along Murchison Road before the closure to handle the diverted traffic and does not have sufficient funds for this work.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Failure to provide Army funds will preclude both the improvement of Murchison Road and the closure of Fort Bragg Boulevard to non-DOD traffic. This will hinder Fort Bragg's ability to adequately secure the installation.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security measures are required.</p> | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4. PROJECT TITLE

Access Roads, Ph 2

5. PROJECT NUMBER

67711

| | FY2009 (\$000) | Requested FY2012 (\$000) |
|-----------------------------------|----------------|-----------------------------|
| Authorization | \$21,800 | \$18,000 |
| Authorization of Appropriation | \$21,800 | \$18,000 |
| Appropriation | \$21,800 | \$18,000 |

Installation Engineer: Gregory G. Bean
Phone Number: 910-396-4009

| | | | | | |
|---|-------------------------|--|--|------------------------|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Bragg North Carolina | | | 4. PROJECT TITLE Unmanned Aerial Vehicle Maintenance Hangar | | |
| 5. PROGRAM ELEMENT 22096A | 6. CATEGORY CODE 211 | 7. PROJECT NUMBER 69835 | 8. PROJECT COST (\$000) Auth 54,000 Approp 54,000 | | |
| 9. COST ESTIMATES | | | | | |
| ITEM | | UM (M/E) | QUANTITY | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | 38,800 |
| UAV Maintenance Hangar | | m2 (SF) | 12,402 (133,498) | 2,170 | (26,915) |
| Airfield Runways | | m2 (SY) | 41,806 (50,000) | 105.50 | (4,411) |
| Runway Overrun Area | | m2 (SY) | 6,505 (7,780) | 42.22 | (275) |
| Airfield Runway Shoulders | | m2 (SY) | 16,723 (20,000) | 42.24 | (706) |
| Airfield Aprons | | m2 (SY) | 13,734 (16,426) | 96.43 | (1,324) |
| Total from Continuation page | | | | | (5,169) |
| <u>SUPPORTING FACILITIES</u> | | | | | 10,283 |
| Electric Service | | LS | -- | -- | (1,286) |
| Water, Sewer, Gas | | LS | -- | -- | (725) |
| Paving, Walks, Curbs & Gutters | | LS | -- | -- | (2,897) |
| Storm Drainage | | LS | -- | -- | (607) |
| Site Imp(2,758) Demo(132) | | LS | -- | -- | (2,890) |
| Information Systems | | LS | -- | -- | (1,795) |
| Antiterrorism Measures | | LS | -- | -- | (83) |
| ESTIMATED CONTRACT COST | | | | | 49,083 |
| CONTINGENCY (5.00%) | | | | | 2,454 |
| SUBTOTAL | | | | | 51,537 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | 2,938 |
| TOTAL REQUEST | | | | | 54,475 |
| TOTAL REQUEST (ROUNDED) | | | | | 54,000 |
| INSTALLED EQT-OTHER APPROP | | | | | (1,405) |
| 10. Description of Proposed Construction Construct a standard design Unmanned Aerial Vehicle (UAV) Maintenance Hangar with associated hangar access apron, a standard design Aviation Company Operations Facility with covered hardstand, storage shed, runway with associated taxiways, overruns, shoulders, aprons, organizational storage, oil and hazardous waste storage, and organizational vehicle parking. Facilities include connection to Energy Monitoring and Control Systems (EMCS), and installation of Intrusion Detection Systems (IDS). Provide connection to fire alarm, detection and central reporting systems. Anti-Terrorism/Force Protection (AT/FP) will be provided by structural reinforcement, special windows and doors, and site measures. AT/FP will include mass notification systems for each facility. Supporting facilities include water, sewer, and electrical utilities; storm drainage and retention; fire protection and alarm system; security lighting, fencing and gates; parking; paving, sidewalks, curbs and gutters; information systems; site improvements and landscaping. Access for persons with disabilities will be provided. Comprehensive building and furnishing related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Demolish 4 buildings (TOTAL 1,245 m2/13,400 SF). Air Conditioning (Estimated 1,407 kW/400 Tons). | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Unmanned Aerial Vehicle Maintenance Hangar | 5. PROJECT NUMBER 69835 |
|--|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|------------------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| Company Operations Facility | m2 (SF) | 1,364 (14,683) | 1,975 | (2,695) |
| Covered Hardstand | m2 (SF) | 216.28 (2,328) | 631.51 | (137) |
| Storage Shed, Covered | m2 (SF) | 46.45 (500) | 528.85 | (25) |
| Oil Storage Building | m2 (SF) | 33.45 (360) | 1,057 | (35) |
| Hazardous Waste Storage | m2 (SF) | 33.45 (360) | 1,057 | (35) |
| Organizational Storage | m2 (SF) | 97.55 (1,050) | 1,029 | (100) |
| Organizational Vehicle Parking | m2 (SY) | 10,768 (12,878) | 83.22 | (896) |
| IDS Installation | LS | -- | -- | (5) |
| EMCS Connection | LS | -- | -- | (29) |
| SDD and EPAct05 | LS | -- | -- | (597) |
| Building Information Systems | LS | -- | -- | (615) |
| | | | Total | 5,169 |

11. REQ: 15,704 m2 ADQT: NONE SUBSTD: NONE
PROJECT: Provide UAV maintenance facilities at Fort Bragg, North Carolina.
(Current Mission)
REQUIREMENT: This project is required to provide facilities for fielding an Extended Range/Multipurpose (ERMP) Unmanned Aircraft System (UAS) at Fort Bragg. This will allow the ERMP UAS to provide the capability to perform reconnaissance, surveillance, communications and target acquisition. These facilities are required to provide aircraft maintenance, repair, storage; as well as administration of company operations.
CURRENT SITUATION: Currently there are no Extended Range/Multipurpose (ERMP) Unmanned Aircraft System (UAS) Companies at Fort Bragg, North Carolina. No facilities currently exist that meet the current Department of the Army Standards or that are available to provide aircraft maintenance, repair and storage; aircraft administrative operations; company operations; and aircraft operations to support this unit.
IMPACT IF NOT PROVIDED: If this project is not provided, the Extended Range Multipurpose Unmanned Aircraft System that will be stationed at Fort Bragg will lack adequate facilities to perform mission training, maintenance, and efficient operations. Lack of adequate facilities will negatively impact operational readiness and the sustainment of combat capabilities for this increasingly critical warfighting technology.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

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| 4. PROJECT TITLE Unmanned Aerial Vehicle Maintenance Hangar | 5. PROJECT NUMBER 69835 |
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ADDITIONAL: (CONTINUED)

Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... SEP 2010
 - (b) Percent Complete As Of January 2011..... 15.00
 - (c) Date 35% Designed..... MAR 2011
 - (d) Date Design Complete..... OCT 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build

- (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Stewart

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 2,096
 - (b) All Other Design Costs..... 2,620
 - (c) Total Design Cost..... 4,716
 - (d) Contract..... 2,620
 - (e) In-house..... 2,096

- (4) Construction Contract Award..... JAN 2012

- (5) Construction Start..... APR 2012

- (6) Construction Completion..... APR 2014

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4. PROJECT TITLE

Unmanned Aerial Vehicle Maintenance Hangar

5. PROJECT NUMBER

69835

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| Info Sys - ISC | OPA | 2013 | 1,405 |
| | | TOTAL | <u>1,405</u> |

Installation Engineer: Gregory G. Bean

Phone Number: 910-396-4009

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|--|-------------------------|--|---|------------------------|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Bragg North Carolina | | | 4. PROJECT TITLE Brigade Complex Facilities | | |
| 5. PROGRAM ELEMENT 22096A | 6. CATEGORY CODE 832 | 7. PROJECT NUMBER 70751 | 8. PROJECT COST (\$000) Auth 49,000 Approp 49,000 | | |
| 9. COST ESTIMATES | | | | | |
| ITEM | | UM (M/E) | QUANTITY | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | 32,825 |
| Entry Control Point | | EA | 1 -- | 9499554 | (9,500) |
| Vehicle Maintenance Shop | | m2 (SF) | 1,706 (18,360) | 2,179 | (3,716) |
| Organizational Vehicle Parking | | m2 (SY) | 34,122 (40,810) | 86.11 | (2,938) |
| POL Storage Building | | m2 (SF) | 11.15 (120) | 1,211 | (14) |
| Hazardous Waste Storage | | m2 (SF) | 11.15 (120) | 977.85 | (11) |
| Total from Continuation page | | | | | (16,646) |
| <u>SUPPORTING FACILITIES</u> | | | | | 11,769 |
| Electric Service | | LS | -- | -- | (2,543) |
| Water, Sewer, Gas | | LS | -- | -- | (440) |
| Paving, Walks, Curbs & Gutters | | LS | -- | -- | (2,207) |
| Storm Drainage | | LS | -- | -- | (908) |
| Site Imp(4,041) Demo() | | LS | -- | -- | (4,041) |
| Information Systems | | LS | -- | -- | (1,521) |
| Antiterrorism Measures | | LS | -- | -- | (109) |
| ESTIMATED CONTRACT COST | | | | | 44,594 |
| CONTINGENCY (5.00%) | | | | | 2,230 |
| SUBTOTAL | | | | | 46,824 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | 2,669 |
| TOTAL REQUEST | | | | | 49,493 |
| TOTAL REQUEST (ROUNDED) | | | | | 49,000 |
| INSTALLED EQT-OTHER APPROP | | | | | () |
| 10. Description of Proposed Construction Construct Entry Control Point and maintenance facilities. Primary facilities will include Entry Control Point, Vehicle Maintenance Shop, Organizational Vehicle Parking, Oil Storage, Hazardous Waste Storage, unmanned aerial vehicle storage, Organizational Storage, water and sanitary sewer upgrades, and building information systems. Fire protection and alarm systems, Intrusion Detection System (IDS) installation, and Energy Monitoring and Control Systems (EMCS) connection will be provided. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include electric service; water, sewer, and gas; paving, parking, walks, and curbs and gutters; storm drainage, site development, utilities and connections, lighting, landscaping and signage, and information systems. Heating and air conditioning will be provided by self contained systems. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. Air Conditioning (Estimated 387 kW/110 Tons). | | | | | |
| 11. REQ: | | 18 EA ADQT: | 10 EA SUBSTD: | 8 EA | |
| PROJECT: Construct brigade complex facilities at Fort Bragg, North Carolina. | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4. PROJECT TITLE

Brigade Complex Facilities

5. PROJECT NUMBER

70751

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|-----------------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| Organizational Storage | m2 (SF) | 162.58 (1,750) | 990.28 | (161) |
| UAV Storage Building | m2 (SF) | 334.45 (3,600) | 1,290 | (431) |
| Sanitary Sewer Upgrade | LS | -- | -- | (14,033) |
| Water Infrastructure Upgrade | LS | -- | -- | (1,255) |
| IDS Installation | LS | -- | -- | (9) |
| EMCS Connection | LS | -- | -- | (15) |
| SDD and EAct05 | LS | -- | -- | (96) |
| Building Information Systems | LS | -- | -- | (646) |
| | | | Total | 16,646 |

PROJECT: (CONTINUED)

(Current Mission)

REQUIREMENT: This project is required to provide security, utilities, and maintenance facilities for a brigade complex at Fort Bragg. This project is associated with the global Defense posture changes.

CURRENT SITUATION: Currently the brigade's facilities are located on two sites several miles apart.

IMPACT IF NOT PROVIDED: If this project is not provided, the brigade will continue to work out of two locations which is not conducive to good command and control and reduces productivity due to time spent commuting between locations rather than mission operations.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Brigade Complex Facilities | 5. PROJECT NUMBER 70751 |
|--|--------------------------------|

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... AUG 2010
 - (b) Percent Complete As Of January 2011..... 35.00
 - (c) Date 35% Designed..... JAN 2011
 - (d) Date Design Complete..... OCT 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build

- (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Bragg

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 1,651
 - (b) All Other Design Costs..... 2,044
 - (c) Total Design Cost..... 3,695
 - (d) Contract..... 2,053
 - (e) In-house..... 1,642

- (4) Construction Contract Award..... JAN 2012

- (5) Construction Start..... APR 2012

- (6) Construction Completion..... APR 2014

| | | |
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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Brigade Complex Facilities | 5. PROJECT NUMBER 70751 |
|--|--------------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment</u> <u>Nomenclature</u> | <u>Procuring</u> <u>Appropriation</u> | <u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u> | <u>Cost</u> <u>(\$000)</u> |
|---|--|--|-------------------------------|
|---|--|--|-------------------------------|

NA

Installation Engineer: Gregory G. Bean
Phone Number: 910-396-4009

| | | | | | |
|---|-------------------------|--|---|------------------------|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Bragg North Carolina | | | 4. PROJECT TITLE Battle Command Training Center | | |
| 5. PROGRAM ELEMENT 22212A | 6. CATEGORY CODE 172 | 7. PROJECT NUMBER 76958 | 8. PROJECT COST (\$000) Auth 23,000 Approp 23,000 | | |
| 9. COST ESTIMATES | | | | | |
| ITEM | | UM (M/E) | QUANTITY | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | 16,552 |
| Battle Command Training Center | | m2 (SF) | 4,365 (46,980) | 3,201 | (13,971) |
| Entry Control Facility | | m2 (SF) | 37.16 (400) | 3,673 | (136) |
| Tactical Operations Pads | | EA | 3 -- | 104,103 | (312) |
| EMCS Connection | | LS | -- | -- | (67) |
| IDS Installation | | LS | -- | -- | (461) |
| Total from Continuation page | | | | | (1,605) |
| <u>SUPPORTING FACILITIES</u> | | | | | 3,791 |
| Electric Service | | LS | -- | -- | (942) |
| Water, Sewer, Gas | | LS | -- | -- | (290) |
| Paving, Walks, Curbs & Gutters | | LS | -- | -- | (590) |
| Storm Drainage | | LS | -- | -- | (200) |
| Site Imp(1,147) Demo() | | LS | -- | -- | (1,147) |
| Information Systems | | LS | -- | -- | (622) |
| ESTIMATED CONTRACT COST | | | | | 20,343 |
| CONTINGENCY (5.00%) | | | | | 1,017 |
| SUBTOTAL | | | | | 21,360 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | 1,218 |
| TOTAL REQUEST | | | | | 22,578 |
| TOTAL REQUEST (ROUNDED) | | | | | 23,000 |
| INSTALLED EQT-OTHER APPROP | | | | | (3,388) |
| 10. Description of Proposed Construction Construct a standard design small Battle Command Training Center (BCTC). Primary facilities include the BCTC, entry control facility, tactical operations pads, Energy Monitoring and Control Systems (EMCS) connection, Intrusion Detection System (IDS) installation, and building information systems. Support facilities include electric service; water, sewer, and gas; paving, walks, curbs, and gutters; storm drainage; site improvements; and information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Antiterrorism measures are included. Access for individuals with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Air Conditioning (Estimated 404 kW/115 Tons). | | | | | |
| 11. REQ: 17,804 m2 ADQT: NONE SUBSTD: 17,804 m2 | | | | | |
| PROJECT: Construct a standard design small Battle Command Training Center at Fort Bragg, North Carolina. (Current Mission) | | | | | |
| REQUIREMENT: This project is required to support individual and collective digital training and battle staff training using constructive simulations with command, control, communications, computers and intelligence (C4I) interoperability. This project will provide effective training in the command and control of individual as well as combined operations in a simulated | | | | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Battle Command Training Center | 5. PROJECT NUMBER 76958 |
|--|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|----------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| SDD and EPAct05 | LS | -- | -- | (282) |
| Antiterrorism Measures | LS | -- | -- | (282) |
| Building Information Systems | LS | -- | -- | (1,041) |
| | | | Total | 1,605 |

REQUIREMENT: (CONTINUED)
tactical environment, incorporating appropriate opposing forces. The facility is required to support several different levels of battle command training for contingency force units and various additional combat, combat support, and combat service support units. Battle simulations and command post exercises are conducted at company, battalion, brigade, division, corps and joint levels. Size and complexity of battle command training using simulations and C4I systems have increased significantly.

CURRENT SITUATION: There is no facility on Fort Bragg to conduct individual and crew/leader digital training. There is no facility that can be used or adapted to conduct Battalion or higher Tactical Operations Center (TOC) training with digital systems. There is no facility on Fort Bragg capable of linking the live, virtual and constructive training domains. Current Battle Command capability does not support expanded training needs for battle command using increased simulations, instrumentation and C4I systems. Present training limits the integration of combat systems C4I systems, and equipment and does not provide a platform for integration of other Army and joint battle command systems. Minimum required capabilities of integrating architecture, operational C4I system stimulation, reach capability and training sustainment are not available. This training need is not being fully met.

IMPACT IF NOT PROVIDED: If this project is not provided, US Army Special Operations Command (USASOC) will not have adequate command training and simulation facilities for individual and collective digital and battle staff training of Special Operations Forces units located on Fort Bragg. The quality of battle command and staff simulation exercises and unit C4I expertise will decline. Essential training and skill development will not be able to keep pace with mission demands at a time when SOF continues to expand its force structure and mission requirements.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Battle Command Training Center | 5. PROJECT NUMBER 76958 |
|--|--------------------------------|

ADDITIONAL: (CONTINUED)

available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2009
- (b) Percent Complete As Of January 2011..... 35.00
- (c) Date 35% Designed..... JAN 2011
- (d) Date Design Complete..... OCT 2011
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Sam Houston

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

- (a) Production of Plans and Specifications..... 1,050
- (b) All Other Design Costs..... 800
- (c) Total Design Cost..... 1,850
- (d) Contract..... 1,175
- (e) In-house..... 675

(4) Construction Contract Award..... JAN 2012

(5) Construction Start..... APR 2012

(6) Construction Completion..... APR 2014

| | | |
|----------------------|--|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|----------------------|--|------------------------|

3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4. PROJECT TITLE

Battle Command Training Center

5. PROJECT NUMBER

76958

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| Furniture and Equipment | OPA | 2013 | 2,500 |
| Uninterruptible Power Supply | OPA | 2012 | 500 |
| Info Sys - ISC | OPA | 2013 | 388 |
| | | TOTAL | <u>3,388</u> |

Installation Engineer: Gregory G. Bean

Phone Number: 910-396-4009

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DEPARTMENT OF THE ARMY
 FISCAL YEAR 2012
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

| STATE | INSTALLATION (COMMAND) | | | NEW/ | |
|----------|---|---------------|---------------|---------|--------------|
| ----- | ----- | AUTHORIZATION | APPROPRIATION | CURRENT | MISSION PAGE |
| PROJECT | PROJECT TITLE | REQUEST | REQUEST | | |
| NUMBER | ----- | ----- | ----- | | ----- |
| Oklahoma | McAlester Army Ammunition Plant (AMC) | | | | 261 |
| | McAlester AAP | | | | |
| 58207 | Railroad Tracks | 6,300 | 6,300 | C | 263 |
| 58351 | Ammunition Loading Pads | 1,700 | 1,700 | C | 266 |
| | Subtotal McAlester Army Ammunition Plant Part I\$ | 8,000 | 8,000 | | |
| | Fort Sill (IMCOM) | | | | 269 |
| 01235 | Physical Fitness Facility | 25,000 | 25,000 | C | 271 |
| 20697 | Chapel | 13,200 | 13,200 | C | 274 |
| 58537 | Reception Station, Ph 1 | 36,000 | 36,000 | C | 277 |
| 61846 | Rail Deployment Facility | 3,400 | 3,400 | C | 282 |
| 64753 | Vehicle Maintenance Facility | 51,000 | 51,000 | C | 285 |
| 64815 | Battle Command Training Center | 23,000 | 23,000 | C | 289 |
| 74690 | THAAD Instruction Facility | 33,000 | 33,000 | C | 293 |
| | Subtotal Fort Sill Part I | \$ 184,600 | 184,600 | | |
| | * TOTAL MCA FOR Oklahoma | \$ 192,600 | 192,600 | | |

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|---|---------------------------------------|-------------------------|--|-------------|---------|--|------------------------|---------------|-------|-------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | | | | | | 2. DATE 10 FEB 2011 | | | |
| 3. INSTALLATION AND LOCATION McAlester AAP Oklahoma | | | 4. COMMAND US Army Materiel Command | | | 5. AREA CONSTRUCTION COST INDEX 0.81 | | | | |
| 6. PERSONNEL STRENGTH: | | | | | | | | | | |
| | PERMANENT | | | STUDENTS | | | SUPPORTED | | | |
| | OFFICER | ENLIST | CIVIL | OFFICER | ENLIST | CIVIL | OFFICER | ENLIST | CIVIL | TOTAL |
| A. AS OF 05 NOV 2010 | 7 | 138 | 1565 | 4 | 32 | 68 | 6 | 33 | 936 | 2,789 |
| B. END FY 2016 | 8 | 161 | 1259 | 1 | 14 | 67 | 6 | 33 | 862 | 2,411 |
| 7. INVENTORY DATA (\$000) | | | | | | | | | | |
| A. TOTAL AREA..... | 19,815 ha | | | (48,964 AC) | | | | | | |
| B. INVENTORY TOTAL AS OF 31 DEC 2010..... | | | | | | | 2,924,679 | | | |
| C. AUTHORIZATION NOT YET IN INVENTORY..... | | | | | | | 57,096 | | | |
| D. AUTHORIZATION REQUESTED IN THE FY 2012 PROGRAM..... | | | | | | | 8,000 | | | |
| E. AUTHORIZATION INCLUDED IN THE FY 2013 PROGRAM..... | | | | | | | 0 | | | |
| F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY)..... | | | | | | | 0 | | | |
| G. REMAINING DEFICIENCY..... | | | | | | | 534,021 | | | |
| H. GRAND TOTAL..... | | | | | | | 3,523,796 | | | |
| 8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2012 PROGRAM: | | | | | | | | | | |
| CATEGORY | | PROJECT | | | | COST | | DESIGN STATUS | | |
| CODE | NUMBER | PROJECT TITLE | | | | (\$000) | START | COMPLETE | | |
| 903 | 58207 | Railroad Tracks | | | | 6,300 | 09/2009 | 10/2011 | | |
| 422 | 58351 | Ammunition Loading Pads | | | | 1,700 | 09/2009 | 10/2011 | | |
| TOTAL | | | | | | 8,000 | | | | |
| 9. FUTURE PROJECT APPROPRIATIONS: | | | | | | | | | | |
| CATEGORY | | | | | | COST | | | | |
| CODE | PROJECT TITLE | | | | (\$000) | | | | | |
| A. INCLUDED IN THE FY 2013 PROGRAM: NONE | | | | | | | | | | |
| B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE | | | | | | | | | | |
| C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): | | | | | | N/A | | | | |
| 10. MISSION OR MAJOR FUNCTIONS: | | | | | | | | | | |
| <p>MCAAP has four principal missions: (1) Production Operations - MCAAP has six separate load, assemble, and pack complexes for the production of conventional bombs, rockets, projectiles, mortars, small arms and propelling charges for the Army, Navy, Air Force and Marines. MCAAP is the sole source of conventional bomb production in the U.S. (2) Depot Operations - As one of four Tier One munitions storage depots, MCAAP has the magazines, roads, rail and loading facilities to receive, store, and issue munitions, explosives, and other expendable ordnance items for the Department of Defense (DOD). (3) Demilitarization Operations - As the second-largest government-owned munitions demilitarization site, MCAAP has facilities to demilitarize obsolete, older and excess bombs, missiles and rockets by resource recovery, recycling, reutilization, disassembly, conversion, melt out - steam out - wash out, incineration, open burning, and open detonation. MCAAP is the only bulk TNT recycling facility in the U.S. (4) Renovation Operations MCAAP has facilities for the maintenance, restoration and renovation of bombs, rockets, projectiles, mortars, small arms, propelling charges, and shipping containers. MCAAP also has the mission to support tenant activities in their missions at MCAAP including: (a) U.S. Army Defense Ammunition Center (DAC), (b)</p> | | | | | | | | | | |

| | | |
|----------------------|---------------------------------------|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | 2. DATE 10 FEB 2011 |
|----------------------|---------------------------------------|------------------------|

INSTALLATION AND LOCATION: McAlester AAP, Oklahoma

10. MISSION OR MAJOR FUNCTIONS: (...CONTINUED)

Armed Forces Reserve Center (AFRC), (c) Air Force Reserve Ammunition Team (AFRAT), (d) U.S. Naval Surface Warfare Center Indian Head Division Detachment McAlester (NSWC-DET-MCA), (e) Defense Reutilization and Marketing Office (DRMO), (f) U.S. Army TMDE Support Center (AMSAM-TMC-C-AL), (g) U.S. Army Occupational Health Clinic, (MCUA-OHC), (h) Defense Automated Printing Service (DAPS), (i) Civilian Personnel Advisory Center (CPAC), (j) Post Exchange, (PX), and (k) McAlester AAP Federal Credit Union (CU).

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

| | |
|-----------------------------------|---------|
| | (\$000) |
| A. AIR POLLUTION | 0 |
| B. WATER POLLUTION | 0 |
| C. OCCUPATIONAL SAFETY AND HEALTH | 0 |

| | | | | | | |
|---|--|--|-------------------------------|------------------------------------|--|--------------|
| 1.COMONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2.DATE 10 FEB 2011 | |
| 3.INSTALLATION AND LOCATION McAlester AAP Oklahoma | | | | 4.PROJECT TITLE Railroad Tracks | | |
| 5.PROGRAM ELEMENT 72896A | | 6.CATEGORY CODE 903 | 7.PROJECT NUMBER 58207 | | 8.PROJECT COST (\$000) Auth 6,300 Approp 6,300 | |
| 9.COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 5,720 |
| Railroad Track | | km (MI) | 9.66 (6) | | 528,230 | (5,103) |
| Road Crossings | | EA | 12 -- | | 49,300 | (592) |
| Signage | | EA | 10 -- | | 2,498 | (25) |
| <u>SUPPORTING FACILITIES</u> | | | | | | |
| ESTIMATED CONTRACT COST | | | | | | 5,720 |
| CONTINGENCY (5.00%) | | | | | | 286 |
| SUBTOTAL | | | | | | 6,006 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 342 |
| TOTAL REQUEST | | | | | | 6,348 |
| TOTAL REQUEST (ROUNDED) | | | | | | 6,300 |
| INSTALLED EQT-OTHER APPROP | | | | | | (0) |
| 10.Description of Proposed Construction Replace 6 miles of existing railroad main line with heavier-duty rail, and railroad ties, and ballast as necessary to modernize and maintain full serviceability. Replace switches, signals and road markings as necessary. | | | | | | |
| 11. REQ: 360 km ADQT: 322 km SUBSTD: 34 km | | | | | | |
| PROJECT: Replace existing railroad tracks at McAlester AAP, Oklahoma. (Current Mission) | | | | | | |
| REQUIREMENT: MCAAP has 221 miles of railroad lines serving six main production areas, containerization facilities, and earth covered magazines. As one of the four Tier 1 Army Power Projection Program (AP3) ammunition outloading sites in the Department of Defense, MCAAP is required to ship ammunition by railroad on a regular basis as well as quickly during the first 30 days of a military conflict. | | | | | | |
| CURRENT SITUATION: The existing main railroad line is not sized to handle the heavy modern rail traffic, with large locomotives and fully-loaded ammunition trains. The track bed has deteriorated over time, and the optimum time to replace ties and ballast is when the steel rail is being replaced. The main rail line contributes directly to the outloading mission supporting the warfighters. | | | | | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

McAlester AAP, Oklahoma

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Railroad Tracks | 5. PROJECT NUMBER 58207 |
|---|--------------------------------|

IMPACT IF NOT PROVIDED: If this project is not provided, and the main railroad line at this Tier 1 Ammunition Outloading Installation becomes unservicable, then there may be delays or added costs in shipping ammunition to the warfighters.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2009
- (b) Percent Complete As Of January 2011..... 35.00
- (c) Date 35% Designed..... JAN 2011
- (d) Date Design Complete..... OCT 2011
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
McAlester Army Ammunition Plant

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

- (a) Production of Plans and Specifications..... 246
- (b) All Other Design Costs..... 369
- (c) Total Design Cost..... 615
- (d) Contract..... 369
- (e) In-house..... 246

(4) Construction Contract Award..... JAN 2012

(5) Construction Start..... APR 2012

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

McAlester AAP, Oklahoma

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Railroad Tracks | 5. PROJECT NUMBER 58207 |
|---|--------------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(6) Construction Completion..... APR 2013

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

| <u>Equipment</u> <u>Nomenclature</u> | <u>Procuring</u> <u>Appropriation</u> | <u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u> | <u>Cost</u> <u>(\$000)</u> |
|---|--|--|-------------------------------|
|---|--|--|-------------------------------|

NONE

Installation Engineer: Thomas A. Curtis
Phone Number: 918-420-6129

| | | | | | |
|--|-------------------------|--|---|------------------------|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION McAlester AAP Oklahoma | | | 4. PROJECT TITLE Ammunition Loading Pads | | |
| 5. PROGRAM ELEMENT 72896A | 6. CATEGORY CODE 422 | 7. PROJECT NUMBER 58351 | 8. PROJECT COST (\$000) Auth 1,700 Approp 1,700 | | |
| 9. COST ESTIMATES | | | | | |
| ITEM | | UM (M/E) | QUANTITY | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | 1,513 |
| Ammunition Loading Pads | | m2 (SF) | 11,148 (120,000) | 135.70 | (1,513) |
| <u>SUPPORTING FACILITIES</u> | | | | | 37 |
| Storm Drainage | | LS | -- | -- | (9) |
| Site Imp(28) Demo() | | LS | -- | -- | (28) |
| ESTIMATED CONTRACT COST | | | | | 1,550 |
| CONTINGENCY (5.00%) | | | | | 78 |
| SUBTOTAL | | | | | 1,628 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | 93 |
| TOTAL REQUEST | | | | | 1,721 |
| TOTAL REQUEST (ROUNDED) | | | | | 1,700 |
| INSTALLED EQT-OTHER APPROP | | | | | (0) |
| 10. Description of Proposed Construction Enlarge the existing ammunition loading pads outside the magazine doorways by extending the drive and either side approach of each magazine to accommodate commercial trucks. Construct back pads where necessary. Support facilities include storm drainage and site improvements. | | | | | |
| 11. REQ: 17,837 m2 ADQT: 6,689 m2 SUBSTD: NONE | | | | | |
| PROJECT: Construct ammunition loading pad extensions at McAlester AAP, Oklahoma. (Current Mission) | | | | | |
| REQUIREMENT: This project is needed because as one of the four Tier 1 Army Power Projection Program (AP3) ammunition outloading sites in the Department of Defense, MCAAP is required to ship tons of ammunition on a regular basis in support of the Rapid Deployment Forces. MCAAP has the capacity and the requirement to ship 430 to 475 20-foot military shipping containers (MILVANS) of explosive ordnance a day for 30 days in the event of a conflict. These pad extensions will enable better magazine access for loading and unloading conveyances. | | | | | |
| CURRENT SITUATION: Because there are no continuous ammunition pads to load commercial trucks, ammunition is removed from the on grade, earthen covered, magazines by forklift and trundled outside to a small truck that transfers the ammunition to a distant transfer facility with a dock, where the ammunition is | | | | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

McAlester AAP, Oklahoma

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Ammunition Loading Pads | 5. PROJECT NUMBER 58351 |
|---|--------------------------------|

CURRENT SITUATION: (CONTINUED)
reloaded into modern large tractor trailers.
IMPACT IF NOT PROVIDED: If this project is not provided, the warfighter will be impacted due to longer ammunition loading timelines.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

| | |
|--|----------|
| (a) Date Design Started..... | SEP 2009 |
| (b) Percent Complete As Of January 2011..... | 35.00 |
| (c) Date 35% Designed..... | JAN 2011 |
| (d) Date Design Complete..... | OCT 2011 |
| (e) Parametric Cost Estimating Used to Develop Costs | YES |
| (f) Type of Design Contract: Design-bid-build | |
| (g) An energy study and life cycle cost analysis will be documented during the final design. | |

(2) Basis:

(a) Standard or Definitive Design: YES

(b) Where Most Recently Used:
McAlester Army Ammunition Plant

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

| | |
|---|-----|
| (a) Production of Plans and Specifications..... | 49 |
| (b) All Other Design Costs..... | 114 |
| (c) Total Design Cost..... | 163 |
| (d) Contract..... | 114 |
| (e) In-house..... | 49 |

(4) Construction Contract Award..... JAN 2012

(5) Construction Start..... APR 2012

| | | |
|----------------------|--|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|----------------------|--|------------------------|

3. INSTALLATION AND LOCATION
McAlester AAP, Oklahoma

| | |
|---|----------------------------|
| 4. PROJECT TITLE Ammunition Loading Pads | 5. PROJECT NUMBER 58351 |
|---|----------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(6) Construction Completion..... JAN 2013

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

| <u>Equipment</u> <u>Nomenclature</u> | <u>Procuring</u> <u>Appropriation</u> | <u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u> | <u>Cost</u> <u>(\$000)</u> |
|---|--|--|-------------------------------|
|---|--|--|-------------------------------|

NONE

Installation Engineer: Thomas A. Curtis
Phone Number: (918) 420-6129

| | | | | | | | | | | | |
|--|----------------------------|---------------------------------------|---|-------|-------------|--|------------------------|---------------|--------|-------|-----------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROGRAM | | | | | 2. DATE 10 FEB 2011 | | | | |
| 3. INSTALLATION AND LOCATION Fort Sill Oklahoma | | | 4. COMMAND US Army Installation Management Command | | | 5. AREA CONSTRUCTION COST INDEX 0.94 | | | | | |
| 6. PERSONNEL STRENGTH: | | | | | | | | | | | |
| | | PERMANENT | | | STUDENTS | | | SUPPORTED | | | |
| | | OFFICER | ENLIST | CIVIL | OFFICER | ENLIST | CIVIL | OFFICER | ENLIST | CIVIL | TOTAL |
| A. AS OF 05 NOV 2010 | | 1251 | 7418 | 2428 | 1034 | 10279 | 0 | 335 | 1125 | 6006 | 29,876 |
| B. END FY 2016 | | 1440 | 7264 | 2809 | 997 | 10043 | 0 | 234 | 888 | 6429 | 30,104 |
| 7. INVENTORY DATA (\$000) | | | | | | | | | | | |
| A. TOTAL AREA..... | | 37,972 ha | | | (93,831 AC) | | | | | | |
| B. INVENTORY TOTAL AS OF 31 DEC 2010..... | | | | | | | | | | | 3,975,727 |
| C. AUTHORIZATION NOT YET IN INVENTORY..... | | | | | | | | | | | 441,446 |
| D. AUTHORIZATION REQUESTED IN THE FY 2012 PROGRAM..... | | | | | | | | | | | 184,600 |
| E. AUTHORIZATION INCLUDED IN THE FY 2013 PROGRAM..... | | | | | | | | | | | 2,350 |
| F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY)..... | | | | | | | | | | | 0 |
| G. REMAINING DEFICIENCY..... | | | | | | | | | | | 355,712 |
| H. GRAND TOTAL..... | | | | | | | | | | | 4,959,835 |
| 8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2012 PROGRAM: | | | | | | | | | | | |
| CATEGORY PROJECT | | | | | | COST | | DESIGN STATUS | | | |
| CODE | NUMBER | PROJECT TITLE | | | | (\$000) | START | COMPLETE | | | |
| 740 | 1235 | Physical Fitness Facility | | | | 25,000 | 09/2009 | 10/2012 | | | |
| 736 | 20697 | Chapel | | | | 13,200 | 09/2009 | 10/2011 | | | |
| 610 | 58537 | Reception Station, Ph 1 | | | | 36,000 | 01/2008 | 07/2012 | | | |
| 904 | 61846 | Rail Deployment Facility | | | | 3,400 | 09/2009 | 10/2011 | | | |
| 214 | 64753 | Vehicle Maintenance Facility | | | | 51,000 | 09/2009 | 10/2011 | | | |
| 172 | 64815 | Battle Command Training Center | | | | 23,000 | 09/2009 | 10/2011 | | | |
| 171 | 74690 | THAAD Instruction Facility | | | | 33,000 | 08/2010 | 10/2011 | | | |
| | | | | | TOTAL | 184,600 | | | | | |
| 9. FUTURE PROJECT APPROPRIATIONS: | | | | | | | | | | | |
| CATEGORY | | | | | | COST | | | | | |
| CODE | PROJECT TITLE | | | | (\$000) | | | | | | |
| A. INCLUDED IN THE FY 2013 PROGRAM: | | | | | | | | | | | |
| 178 | Modified Record Fire Range | | | | 2,350 | | | | | | |
| | | | | | TOTAL | 2,350 | | | | | |
| B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE | | | | | | | | | | | |
| C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): N/A | | | | | | | | | | | |

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|----------------------|---------------------------------------|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | 2. DATE 10 FEB 2011 |
|----------------------|---------------------------------------|------------------------|

INSTALLATION AND LOCATION: Fort Sill, Oklahoma

10. MISSION OR MAJOR FUNCTIONS:

The United States Army Net Fires Center trains Soldiers and Marines, and develop Field Artillery and Air Defense Artillery leaders; design and develop fire support for the force; support unit training and readiness; mobilize and deploy operating forces; and maintain installation infrastructure and services.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

| | |
|-----------------------------------|---------|
| | (\$000) |
| A. AIR POLLUTION | 0 |
| B. WATER POLLUTION | 0 |
| C. OCCUPATIONAL SAFETY AND HEALTH | 0 |

| | | | | | | |
|--|--|--|---------------------------|--|--|--------------|
| 1.COMONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2.DATE 10 FEB 2011 | |
| 3.INSTALLATION AND LOCATION Fort Sill Oklahoma | | | | 4.PROJECT TITLE Physical Fitness Facility | | |
| 5.PROGRAM ELEMENT 85796A | | 6.CATEGORY CODE 740 | 7.PROJECT NUMBER 01235 | | 8.PROJECT COST (\$000) Auth 25,000 Approp 25,000 | |
| 9.COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 17,642 |
| Physical Fitness Facility | | m2 (SF) | 8,476 (91,239) | | 1,946 | (16,495) |
| Special Foundations | | LS | -- | | -- | (700) |
| EMCS Connection | | LS | -- | | -- | (86) |
| SDD and EPAct05 | | LS | -- | | -- | (352) |
| Building Information Systems | | LS | -- | | -- | (9) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 3,966 |
| Electric Service | | LS | -- | | -- | (1,253) |
| Water, Sewer, Gas | | LS | -- | | -- | (231) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (1,005) |
| Storm Drainage | | LS | -- | | -- | (969) |
| Site Imp(442) Demo() | | LS | -- | | -- | (442) |
| Information Systems | | LS | -- | | -- | (66) |
| ESTIMATED CONTRACT COST | | | | | | 21,608 |
| CONTINGENCY (5.00%) | | | | | | 1,080 |
| SUBTOTAL | | | | | | 22,688 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 1,293 |
| DESIGN/BUILD - DESIGN COST | | | | | | 908 |
| TOTAL REQUEST | | | | | | 24,889 |
| TOTAL REQUEST (ROUNDED) | | | | | | 25,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10.Description of Proposed Construction Construct a standard (large) Physical Fitness Center. Primary facility includes a Physical Fitness Facility with multipurpose court, racquetball / squash / handball courts, fitness module for both circuit and free weights, cardiovascular exercise room, elevated indoor jogging track, men's and women's locker rooms with showers, saunas, toilets, administrative spaces, storm shelter, information systems, fire protection and alarm systems and Energy Monitoring and Control Systems (EMCS) connection. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include site development, utilities and connections, lighting, paving, parking, walks, curbs and gutters, storm drainage, information systems, landscaping and signage. Heating and air conditioning will be provided by self contained system. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. Air Conditioning (Estimated 950 kW/270 Tons). | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Fort Sill, Oklahoma | | |
| 4. PROJECT TITLE Physical Fitness Facility | 5. PROJECT NUMBER 01235 | |
| | | |
| 11. REQ: 16,860 m2 ADQT: 4,676 m2 SUBSTD: 4,804 m2 | | |
| PROJECT: Construct a standard design (large) Physical Fitness Center at Fort Sill, Oklahoma. (Current Mission) | | |
| REQUIREMENT: This project is required to support the physical training, conditioning and recreation of Permanent Party Soldiers, Advanced Skills Students and civilians at Fort Sill, Oklahoma. This project will provide a Physical Fitness Facility to accommodate the increase in population at Fort Sill. | | |
| CURRENT SITUATION: Adequate facilities are not available on the installation. The existing three small Physical Fitness Facilities are overcrowded, old, and are deteriorating rapidly due to overuse. These facilities do not adequately support all the current needs of the installation. Less than half of the required square footage of physical fitness facilities are available on the installation causing the current fitness facilities to operate over capacity. The increase in population only worsens the overcrowding and existing facilities will not meet the needs of the population being served. | | |
| IMPACT IF NOT PROVIDED: If this project is not provided, the military and civilian population at Fort Sill will continue to experience overcrowded facilities. The lack of permanent facilities for trainees will impact their physical conditioning, quality of life, health, morale, retention rates and combat readiness. Physical fitness proficiency can not be accommodated with the insufficient capacity of existing facilities. | | |
| ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders. | | |
| 12. SUPPLEMENTAL DATA: | | |
| A. Estimated Design Data: | | |
| (1) Status: | | |
| (a) Date Design Started..... | | SEP 2009 |
| (b) Percent Complete As Of January 2011..... | | 35.00 |
| (c) Date 35% Designed..... | | JAN 2012 |
| (d) Date Design Complete..... | | OCT 2012 |

| | | |
|----------------------|--|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|----------------------|--|------------------------|

3. INSTALLATION AND LOCATION
Fort Sill, Oklahoma

| | |
|---|----------------------------|
| 4. PROJECT TITLE Physical Fitness Facility | 5. PROJECT NUMBER 01235 |
|---|----------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Carson

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

| | |
|---|--------------|
| (a) Production of Plans and Specifications..... | <u>480</u> |
| (b) All Other Design Costs..... | <u>720</u> |
| (c) Total Design Cost..... | <u>1,200</u> |
| (d) Contract..... | <u>720</u> |
| (e) In-house..... | <u>480</u> |

(4) Construction Contract Award..... JAN 2012

(5) Construction Start..... APR 2012

(6) Construction Completion..... APR 2014

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

| <u>Equipment</u> <u>Nomenclature</u> | <u>Procuring</u> <u>Appropriation</u> | <u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u> | <u>Cost</u> <u>(\$000)</u> |
|---|--|--|-------------------------------|
|---|--|--|-------------------------------|

NA

Installation Engineer: Randall J. Butler
Phone Number: 580.442.3705

| | | | | | |
|--|-------------------------|--|---|------------------------|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Sill Oklahoma | | | 4. PROJECT TITLE Chapel | | |
| 5. PROGRAM ELEMENT 85796A | 6. CATEGORY CODE 736 | 7. PROJECT NUMBER 20697 | 8. PROJECT COST (\$000) Auth 13,200 Approp 13,200 | | |
| 9. COST ESTIMATES | | | | | |
| ITEM | | UM (M/E) | QUANTITY | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | 9,638 |
| Chapel Complex | | m2 (SF) | 3,118 (33,558) | 2,897 | (9,030) |
| Special Foundations | | LS | -- | -- | (273) |
| EMCS Connection | | LS | -- | -- | (32) |
| SDD and EPAct05 | | LS | -- | -- | (181) |
| Building Information Systems | | LS | -- | -- | (122) |
| <u>SUPPORTING FACILITIES</u> | | | | | 2,340 |
| Electric Service | | LS | -- | -- | (537) |
| Water, Sewer, Gas | | LS | -- | -- | (368) |
| Paving, Walks, Curbs & Gutters | | LS | -- | -- | (303) |
| Storm Drainage | | LS | -- | -- | (60) |
| Site Imp(778) Demo(166) | | LS | -- | -- | (944) |
| Information Systems | | LS | -- | -- | (128) |
| ESTIMATED CONTRACT COST | | | | | 11,978 |
| CONTINGENCY (5.00%) | | | | | 599 |
| SUBTOTAL | | | | | 12,577 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | 717 |
| TOTAL REQUEST | | | | | 13,294 |
| TOTAL REQUEST (ROUNDED) | | | | | 13,200 |
| INSTALLED EQT-OTHER APPROP | | | | | () |
| 10. Description of Proposed Construction Construct a standard design (large) Chapel Complex with regular seating capacity up to 600 persons. This facility will include a worship center, activity center with kitchen, religious education areas, baptistery areas, resource center, sacristy area, administrative spaces, building information systems, fire protection and alarm systems and Energy Monitoring and Control Systems (EMCS) connection. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include site development, utilities and connections, lighting, paving, parking, walks, curbs and gutters, storm drainage, information systems, landscaping and signage. Special Foundations are required. Heating and air conditioning will be provided by self contained system. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. Demolish 3 buildings (TOTAL 3,085 m2/33,209 SF). Air Conditioning (Estimated 352 kW/100 Tons). | | | | | |
| 11. REQ: | | 9,337 m2 | ADQT: | 2,867 m2 | SUBSTD: NONE |
| PROJECT: Construct standard design (large) Chapel Complex at Fort Sill, Oklahoma. (Current Mission) | | | | | |

| | | | | | | | | | | | | | | |
|---|--|----------------------------|------------------------------|----------|--|-------|----------------------------|----------|-------------------------------|----------|--|-----|--|--|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 | | | | | | | | | | | | |
| 3. INSTALLATION AND LOCATION Fort Sill, Oklahoma | | | | | | | | | | | | | | |
| 4. PROJECT TITLE Chapel | 5. PROJECT NUMBER 20697 | | | | | | | | | | | | | |
| <p><u>REQUIREMENT:</u> This project is required to support the variety of different religious programs to support the Soldiers and their Families at Fort Sill. This Chapel Complex will become the central location for worship, sacraments, religious education, counseling and other activities for not only the installation personnel, but also for the battalion of Advanced Individual Training (AIT) Soldiers, the five battalions of Initial Entry Training (IET) Soldiers and one Training Support Battalion (TSB). This project will accommodate the increase in population at Fort Sill.</p> <p><u>CURRENT SITUATION:</u> Currently the installation does not have enough religious facilities to meet the needs of the Soldiers. Existing religious activities use the theater and temporary classroom facilities for worship and religious education. Scheduling services for seven different faiths is hampered by having only one seating area. The existing facility does not conform to Army standards.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, a severe shortage of chapel and religious education space will continue. The religious education program will be severely impaired and worship opportunities limited, leaving the religious education program in temporary classrooms that are separated from the worship areas. The situation will continue to negatively impact those who want to worship and attend religious education in a single facility. Fort Sill community will not have adequate space for worship, family life counseling and religious education programs.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p> | | | | | | | | | | | | | | |
| <p>12. <u>SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr> <td>(a) Date Design Started.....</td> <td>SEP 2009</td> </tr> <tr> <td>(b) Percent Complete As Of January 2011.....</td> <td>35.00</td> </tr> <tr> <td>(c) Date 35% Designed.....</td> <td>JAN 2011</td> </tr> <tr> <td>(d) Date Design Complete.....</td> <td>OCT 2011</td> </tr> <tr> <td>(e) Parametric Cost Estimating Used to Develop Costs</td> <td>YES</td> </tr> <tr> <td>(f) Type of Design Contract: Adapt-Build</td> <td></td> </tr> </table> | | | (a) Date Design Started..... | SEP 2009 | (b) Percent Complete As Of January 2011..... | 35.00 | (c) Date 35% Designed..... | JAN 2011 | (d) Date Design Complete..... | OCT 2011 | (e) Parametric Cost Estimating Used to Develop Costs | YES | (f) Type of Design Contract: Adapt-Build | |
| (a) Date Design Started..... | SEP 2009 | | | | | | | | | | | | | |
| (b) Percent Complete As Of January 2011..... | 35.00 | | | | | | | | | | | | | |
| (c) Date 35% Designed..... | JAN 2011 | | | | | | | | | | | | | |
| (d) Date Design Complete..... | OCT 2011 | | | | | | | | | | | | | |
| (e) Parametric Cost Estimating Used to Develop Costs | YES | | | | | | | | | | | | | |
| (f) Type of Design Contract: Adapt-Build | | | | | | | | | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Fort Sill, Oklahoma

| | |
|--------------------------------|--------------------------------|
| 4. PROJECT TITLE Chapel | 5. PROJECT NUMBER 20697 |
|--------------------------------|--------------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Stewart

| | |
|---|----------|
| (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): | (\$000) |
| (a) Production of Plans and Specifications..... | 129 |
| (b) All Other Design Costs..... | 322 |
| (c) Total Design Cost..... | 451 |
| (d) Contract..... | 322 |
| (e) In-house..... | 129 |
| (4) Construction Contract Award..... | JAN 2012 |
| (5) Construction Start..... | APR 2012 |
| (6) Construction Completion..... | OCT 2013 |

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

| <u>Equipment</u> <u>Nomenclature</u> | <u>Procuring</u> <u>Appropriation</u> | <u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u> | <u>Cost</u> <u>(\$000)</u> |
|---|--|--|-------------------------------|
|---|--|--|-------------------------------|

NA

Installation Engineer: Randall Butler
Phone Number: 580.442.3705

| | | | | | | |
|--|--|--|----------------------------|---|---|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Sill Oklahoma | | | | 4. PROJECT TITLE Reception Station, Ph 1 | | |
| 5. PROGRAM ELEMENT 85796A | | 6. CATEGORY CODE 610 | 7. PROJECT NUMBER 58537 | | 8. PROJECT COST (\$000) Auth 36,000 Approp 36,000 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 26,049 |
| Reception/Processing Station | | m2 (SF) | 8,657 (93,181) | | 2,090 | (18,090) |
| Battalion HQs w/Classrooms | | m2 (SF) | 2,312 (24,890) | | 1,894 | (4,381) |
| Organizational Storage | | m2 (SF) | 185.81 (2,000) | | 976.39 | (181) |
| Running Track | | EA | 1 -- | | 277,475 | (277) |
| Covered Hardstand | | m2 (SF) | 652.27 (7,021) | | 774.11 | (505) |
| Total from Continuation page | | | | | | (2,615) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 5,635 |
| Electric Service | | LS | -- | | -- | (683) |
| Water, Sewer, Gas | | LS | -- | | -- | (132) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (720) |
| Storm Drainage | | LS | -- | | -- | (55) |
| Site Imp(2,148) Demo(1,252) | | LS | -- | | -- | (3,400) |
| Information Systems | | LS | -- | | -- | (537) |
| Antiterrorism Measures | | LS | -- | | -- | (108) |
| ESTIMATED CONTRACT COST | | | | | | 31,684 |
| CONTINGENCY (5.00%) | | | | | | 1,584 |
| SUBTOTAL | | | | | | 33,268 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 1,896 |
| DESIGN/BUILD - DESIGN COST | | | | | | 1,331 |
| TOTAL REQUEST | | | | | | 36,495 |
| TOTAL REQUEST (ROUNDED) | | | | | | 36,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10. Description of Proposed Construction This project consists of 2 phases. This project is Phase 1 for \$36M. Phase 2 will be requested in a future year. This phase (phase 1) will construct a Reception/Processing facility consisting of a Central Initial Issue Point (CIIP), Personnel Affairs Division/Identification (PAD/ID) processing point, Medical/Dental/Audiological/ Optical processing point, and Army Air Force Exchange Service (AAFES) branch. Project also includes Battalion Headquarters with classrooms, covered hardstand, organizational storage, and running track with physical training pits. Due to expansive soils, all facilities require special foundations. Project provides connection to Energy Monitoring and Control System (EMCS), Fire Protection and Alarm Systems, building information systems, and installation of Intrusion Detection System (IDS). Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Anti-Terrorism/Force Protection (AT/FP) measures and monitoring cameras for Gender Integrated Training (GIT) operations will also be provided. Supporting facilities include demolition of existing buildings and surrounding pavements, site preparation, all required utilities and connections, to accommodate both phases, lighting, paving, parking, walks, curbs and gutters, storm drainage, landscaping, signage, information systems, and AT/FP. Comprehensive building and | | | | | | |

| | | |
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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Fort Sill, Oklahoma

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Reception Station, Ph 1 | 5. PROJECT NUMBER 58537 |
|---|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|----------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| Special Foundations | LS | -- | -- | (911) |
| IDS Installation | LS | -- | -- | (18) |
| EMCS Connection | LS | -- | -- | (127) |
| SDD and EPAct05 | LS | -- | -- | (436) |
| Antiterrorism Measures | LS | -- | -- | (254) |
| Building Information Systems | LS | -- | -- | (869) |
| | | | Total | 2,615 |

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
 furnishings related interior design services are required. Access for individuals with disabilities will be provided. Heating will be provided by self-contained systems. Demolish 19 buildings (TOTAL 28,034 m2/301,755 SF). Air Conditioning (Estimated 6,506 kW/1,850 Tons).

11. REQ: 83,921 m2 ADQT: 75,264 m2 SUBSTD: 24,568 m2
PROJECT: Construct a Reception Station and Processing Center Complex, Phase 1 of two phases at Fort Sill, Oklahoma. (Current Mission)
REQUIREMENT: This project is required to provide adequate permanent facilities to support the processing and housing of Initial Entry Training (IET) Soldiers in support of five (5) Basic Training (BT) battalions in order to meet the current demand of the initial trainee population. Phase 2 will include Reception Barracks and Dining Facility for two Batallions.
CURRENT SITUATION: The existing permanent facilities used for processing and housing the IET Soldiers range from forty-two (42) to sixty-nine (69) years old and have reached the end of their useful life. None of these facilities were originally designed for their current function, which leads to inefficient operations and increased processing time. With the recent addition of a fifth BT battalion, these inefficiencies and delays in processing have only increased and has led to a shortfall in barracks space, requiring the addition of 960 temporary barracks spaces in relocatable facilities. These relocatables will be needed until Phase 2 is constructed and ready to be occupied. The existing barracks were originally designed as unaccompanied enlisted barracks and do not meet the current living standards for IET Soldiers. The processing/dining of Soldiers occurs in twelve (12) separate facilities that are spread out over approximately a twenty (20) square acre block. This requires these new Soldiers to break down into small groups and move from building to building to complete their processing, creating a loss of command and control; and prolonging the time it takes to process the Soldiers into their BT units. The current reception operation is inappropriately located in the West Cantonment area, intermixed with permanent

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Fort Sill, Oklahoma | | |
| 4. PROJECT TITLE Reception Station, Ph 1 | 5. PROJECT NUMBER 58537 | |
| <p><u>CURRENT SITUATION:</u> (CONTINUED)</p> <p>party and Advanced Individual Training Soldiers; two miles away from the installation's Basic Training Center in the East Cantonment area. The Installation Real Property Master Plan places all Reception in a single complex adjacent to Initial Entry Training facilities in the Basic Training Center.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, Fort Sill will not have the adequate permanent facilities to process the increased mission loads. Operations will continue in a combination of substandard permanent facilities and temporary relocatable facilities. IET Soldiers will continue to experience a prolonged processing time, delaying their entry into BT. The Reception battalion will not fit into Ft. Sill's Master Plan of having all of the IET functions into one isolated area to create an IET Zone.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p> | | |
| | Requested FY2012 (\$000) | FYDP |
| Authorization | \$36,000 | TBD |
| Authorization of Appropriation | \$36,000 | TBD |
| Appropriation | \$36,000 | TBD |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Sill, Oklahoma

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Reception Station, Ph 1 | 5. PROJECT NUMBER 58537 |
|---|--------------------------------|

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... JAN 2008
 - (b) Percent Complete As Of January 2011..... 15.00
 - (c) Date 35% Designed..... JAN 2012
 - (d) Date Design Complete..... JUL 2012
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-build
 - (g) An energy study and life cycle cost analysis will be documented during the final design.

- (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Benning

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 710
 - (b) All Other Design Costs..... 1,066
 - (c) Total Design Cost..... 1,776
 - (d) Contract..... 1,066
 - (e) In-house..... 710

(4) Construction Contract Award..... JAN 2012

(5) Construction Start..... APR 2012

(6) Construction Completion..... APR 2014

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Sill, Oklahoma

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Reception Station, Ph 1 | 5. PROJECT NUMBER 58537 |
|---|--------------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| NA | | | |

Installation Engineer: Randall J. Butler, PE
Phone Number: 580-442-3705

| | | | | | |
|--|-------------------------|--|---|------------------------|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Sill Oklahoma | | | 4. PROJECT TITLE Rail Deployment Facility | | |
| 5. PROGRAM ELEMENT 22096A | 6. CATEGORY CODE 904 | 7. PROJECT NUMBER 61846 | 8. PROJECT COST (\$000) Auth 3,400 Approp 3,400 | | |
| 9. COST ESTIMATES | | | | | |
| ITEM | | UM (M/E) | QUANTITY | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | 2,242 |
| Railroad Tracks/Ties & Ballast | | m (LF) | 1,756 (5,760) | 1,277 | (2,242) |
| <u>SUPPORTING FACILITIES</u> | | | | | 803 |
| Electric Service | | LS | -- | -- | (13) |
| Paving, Walks, Curbs & Gutters | | LS | -- | -- | (55) |
| Storm Drainage | | LS | -- | -- | (180) |
| Site Imp(555) Demo() | | LS | -- | -- | (555) |
| ESTIMATED CONTRACT COST | | | | | 3,045 |
| CONTINGENCY (5.00%) | | | | | 152 |
| SUBTOTAL | | | | | 3,197 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | 182 |
| TOTAL REQUEST | | | | | 3,379 |
| TOTAL REQUEST (ROUNDED) | | | | | 3,400 |
| INSTALLED EQT-OTHER APPROP | | | | | (0) |
| 10. Description of Proposed Construction Construct Railroad Tracks. This project constructs a railroad wye and will support the storage, service, maintenance, and repair of locomotives, deployment railcars, and associated rolling stock. This includes construction of wye, railroad turn-out, and connection to existing railroad tracks. Supporting facilities include electric service, exterior and security lighting, stormwater drainage, security fencing and gates, and other site improvements. | | | | | |
| 11. REQ: 42 km ADQT: 40 km SUBSTD: NONE | | | | | |
| PROJECT: Construct Deployment Railroad Wye at Fort Sill, Oklahoma. (Current Mission) | | | | | |
| REQUIREMENT: This project is required to rapidly load and deploy contingency task force units at Fort Sill. The installation must maintain the ability to simultaneously receive, store, handle, load and ship more than 340 railcars to meet port delivery requirements. This project will be located adjacent to the deployment railhead and marshalling facilities. Additionally, this project will speed up and streamline deployment operations. | | | | | |
| CURRENT SITUATION: When loading tactical vehicles and equipment, railcars must all be oriented in the same direction. At present, turning railcars involves taking them out to the nearest wye, located on a commercial rail line | | | | | |

| | | | | | | | | | | | | | | | | |
|---|--|----------------------------|------------------------------|----------|--|-------|----------------------------|----------|-------------------------------|----------|--|-----|---|--|--|--|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 | | | | | | | | | | | | | | |
| 3. INSTALLATION AND LOCATION Fort Sill, Oklahoma | | | | | | | | | | | | | | | | |
| 4. PROJECT TITLE Rail Deployment Facility | 5. PROJECT NUMBER 61846 | | | | | | | | | | | | | | | |
| <p><u>CURRENT SITUATION:</u> (CONTINUED)</p> <p>and six miles outside the installation. During deployment operations trains loaded with tactical vehicles and equipment are being moved out around the clock to the commercial railway for movement to the ports. Moving railcars to turn them competes with the movement of loaded trains, and it can take four hours to make the round trip to turn railcars. Movement of commercial trains, shipping loaded installation trains to the ports, and turning of railcars all are competing to use the same rail tracks. At times congestion is such that movement of railcars becomes almost impossible. Additionally, movement of the railcars to be turned occurs through highly congested built-up areas and crosses two major roadways leading to installation operational facilities. One of these roads also serves as a major north/south truck route; this truck route is blocked during movement and deployment operations.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the congestion and slowdown during deployment rail operations will continue. This slowdown contributes to time lost, due to the required turning around of railcars, the resulting use of commercial railroad, and the delays to the surrounding community due to blocking the local truck route. Deployment operations will continue to negatively affect the local community. Operators will continue to work overtime to meet the deployment schedules. All of these circumstances create a hazardous environment for soldiers, operators, and local civilians.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. No antiterrorism protection measures are required. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p> | | | | | | | | | | | | | | | | |
| <p>12. <u>SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr> <td>(a) Date Design Started.....</td> <td>SEP 2009</td> </tr> <tr> <td>(b) Percent Complete As Of January 2011.....</td> <td>35.00</td> </tr> <tr> <td>(c) Date 35% Designed.....</td> <td>JAN 2011</td> </tr> <tr> <td>(d) Date Design Complete.....</td> <td>OCT 2011</td> </tr> <tr> <td>(e) Parametric Cost Estimating Used to Develop Costs</td> <td>YES</td> </tr> <tr> <td>(f) Type of Design Contract: Design-bid-build</td> <td></td> </tr> <tr> <td>(g) An energy study and life cycle cost analysis will be</td> <td></td> </tr> </table> | | | (a) Date Design Started..... | SEP 2009 | (b) Percent Complete As Of January 2011..... | 35.00 | (c) Date 35% Designed..... | JAN 2011 | (d) Date Design Complete..... | OCT 2011 | (e) Parametric Cost Estimating Used to Develop Costs | YES | (f) Type of Design Contract: Design-bid-build | | (g) An energy study and life cycle cost analysis will be | |
| (a) Date Design Started..... | SEP 2009 | | | | | | | | | | | | | | | |
| (b) Percent Complete As Of January 2011..... | 35.00 | | | | | | | | | | | | | | | |
| (c) Date 35% Designed..... | JAN 2011 | | | | | | | | | | | | | | | |
| (d) Date Design Complete..... | OCT 2011 | | | | | | | | | | | | | | | |
| (e) Parametric Cost Estimating Used to Develop Costs | YES | | | | | | | | | | | | | | | |
| (f) Type of Design Contract: Design-bid-build | | | | | | | | | | | | | | | | |
| (g) An energy study and life cycle cost analysis will be | | | | | | | | | | | | | | | | |

| | | |
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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Sill, Oklahoma

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Rail Deployment Facility | 5. PROJECT NUMBER 61846 |
|--|--------------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)
documented during the final design.

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

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

| | |
|---|-----|
| (a) Production of Plans and Specifications..... | 180 |
| (b) All Other Design Costs..... | 70 |
| (c) Total Design Cost..... | 250 |
| (d) Contract..... | 180 |
| (e) In-house..... | 70 |

- (4) Construction Contract Award..... JAN 2012
- (5) Construction Start..... APR 2012
- (6) Construction Completion..... APR 2013

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

| <u>Equipment</u> <u>Nomenclature</u> | <u>Procuring</u> <u>Appropriation</u> | <u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u> | <u>Cost</u> <u>(\$000)</u> |
|---|--|--|-------------------------------|
| NONE | | | |

Installation Engineer: Randall J. Butler
Phone Number: 580-442-3705

| | | | | | | |
|--|--|--|----------------------------|--|---|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Sill Oklahoma | | | | 4. PROJECT TITLE Vehicle Maintenance Facility | | |
| 5. PROGRAM ELEMENT 85796A | | 6. CATEGORY CODE 214 | 7. PROJECT NUMBER 64753 | | 8. PROJECT COST (\$000) Auth 51,000 Approp 51,000 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 29,195 |
| Vehicle Maintenance Shop | | m2 (SF) | 3,344 (35,996) | | 2,216 | (7,410) |
| Oil Storage Building | | m2 (SF) | 178.37 (1,920) | | 1,122 | (200) |
| Hazardous Waste Storage | | m2 (SF) | 200.67 (2,160) | | 1,134 | (228) |
| Organizational Storage | | m2 (SF) | 2,874 (30,940) | | 995.76 | (2,862) |
| Organizational Vehicle Parking | | m2 (SY) | 82,808 (99,037) | | 91.59 | (7,585) |
| Total from Continuation page | | | | | | (10,910) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 16,330 |
| Electric Service | | LS | -- | | -- | (709) |
| Water, Sewer, Gas | | LS | -- | | -- | (532) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (4,371) |
| Storm Drainage | | LS | -- | | -- | (1,261) |
| Site Imp(4,613) Demo(2,832) | | LS | -- | | -- | (7,445) |
| Information Systems | | LS | -- | | -- | (1,887) |
| Antiterrorism Measures | | LS | -- | | -- | (125) |
| ESTIMATED CONTRACT COST | | | | | | 45,525 |
| CONTINGENCY (5.00%) | | | | | | 2,276 |
| SUBTOTAL | | | | | | 47,801 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 2,725 |
| TOTAL REQUEST | | | | | | 50,526 |
| TOTAL REQUEST (ROUNDED) | | | | | | 51,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | (1,192) |
| 10. Description of Proposed Construction Construct a Tactical Equipment Maintenance Facility (TEMF). Project includes a standard design vehicle maintenance facility, organizational vehicle parking, organizational storage, oil and hazardous waste storage, covered hardstand, general purpose warehouse, Unmanned Aerial Vehicle (UAV) maintenance storage, building information systems, fire protection and alarm systems, Intrusion Detection System installation, and Energy Monitoring and Control Systems (EMCS) connection. Special foundations are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPA05) features will be provided. Supporting facilities include site development, utilities and connections, lighting, paving, parking, walks, curbs and gutters, storm drainage, information systems, landscaping and signage. Heating and air conditioning will be provided by self contained system. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Access for individuals with disabilities will be provided. Demolish 52 buildings (TOTAL 11,958 m2/128,715 SF). Air Conditioning (Estimated 4,220 kWr/1,200 Tons). | | | | | | |
| 11. REQ: | | 94,941 m2 | ADQT: | 34,618 m2 | SUBSTD: | 7,653 m2 |
| PROJECT: Construct Vehicle Maintenance Facilities at Fort Sill, Oklahoma. | | | | | | |

| | | |
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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Fort Sill, Oklahoma

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Vehicle Maintenance Facility | 5. PROJECT NUMBER 64753 |
|--|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|-----------------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| UAV Maintenance Storage | m2 (SF) | 334.45 (3,600) | 3,253 | (1,088) |
| Gen Purpose Warehouse | m2 (SF) | 3,835 (41,280) | 1,686 | (6,468) |
| Covered Hardstand | m2 (SF) | 1,366 (14,700) | 719.89 | (983) |
| Special Foundations | LS | -- | -- | (1,431) |
| IDS Installation | LS | -- | -- | (6) |
| EMCS Connection | LS | -- | -- | (151) |
| SDD and EAct05 | LS | -- | -- | (314) |
| Building Information Systems | LS | -- | -- | (469) |
| | | | Total | 10,910 |

PROJECT: (CONTINUED)

(Current Mission)

REQUIREMENT: This project is required to provide mission-critical facilities to support units stationed at Fort Sill. This project will provide maintenance, operations, and storage facilities that comply with the current Department of the Army standards for space, security and storage. This project will provide maintenance facilities to support an increase in personnel.

CURRENT SITUATION: The current existing TEMF's are not sufficient to support the units stationed at Fort Sill. The facilities lack overhead cranes. The current tactical vehicles cannot be driven into the maintenance shop; mechanics are forced to conduct maintenance outside due to limited clearance inside the facility. Adequate existing facilities are not available on the installation to accommodate transformation stationing. All existing facilities suitable for use under the required facility category codes are fully utilized.

IMPACT IF NOT PROVIDED: If this project is not provided, the supported units will not be able to fully accomplish their mission at Fort Sill, Oklahoma. Soldiers will continue to conduct maintenance outside. There are not enough adequate facilities for operations, organizational storage and vehicle maintenance. Operational, equipment, and training readiness will be adversely impacted by the lack of mission-critical facilities. Inadequate facilities will adversely impact overall readiness and the ability to contribute to the contingency operations and other operational missions.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|----------------------------|------------------------------|----------|--|-------|----------------------------|----------|-------------------------------|----------|--|-----|--|--|--|--|--|--|---|--|---|-----|---------------------------------|-------|----------------------------|-------|-------------------|-------|-------------------|-----|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. INSTALLATION AND LOCATION Fort Sill, Oklahoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. PROJECT TITLE Vehicle Maintenance Facility | 5. PROJECT NUMBER 64753 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>ADDITIONAL: (CONTINUED)</p> <p>available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>12. SUPPLEMENTAL DATA:</p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr><td>(a) Date Design Started.....</td><td>SEP 2009</td></tr> <tr><td>(b) Percent Complete As Of January 2011.....</td><td>35.00</td></tr> <tr><td>(c) Date 35% Designed.....</td><td>JAN 2011</td></tr> <tr><td>(d) Date Design Complete.....</td><td>OCT 2011</td></tr> <tr><td>(e) Parametric Cost Estimating Used to Develop Costs</td><td>YES</td></tr> <tr><td>(f) Type of Design Contract: Adapt-Build</td><td></td></tr> <tr><td>(g) An energy study and life cycle cost analysis will be documented during the final design.</td><td></td></tr> </table> <p>(2) Basis:</p> <table border="0"> <tr><td>(a) Standard or Definitive Design: YES</td><td></td></tr> <tr><td>(b) Where Most Recently Used: Fort Bliss</td><td></td></tr> </table> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table border="0"> <tr><td>(a) Production of Plans and Specifications.....</td><td>998</td></tr> <tr><td>(b) All Other Design Costs.....</td><td>1,498</td></tr> <tr><td>(c) Total Design Cost.....</td><td>2,496</td></tr> <tr><td>(d) Contract.....</td><td>1,498</td></tr> <tr><td>(e) In-house.....</td><td>998</td></tr> </table> <p>(4) Construction Contract Award..... JAN 2012</p> <p>(5) Construction Start..... APR 2012</p> <p>(6) Construction Completion..... APR 2014</p> | | | (a) Date Design Started..... | SEP 2009 | (b) Percent Complete As Of January 2011..... | 35.00 | (c) Date 35% Designed..... | JAN 2011 | (d) Date Design Complete..... | OCT 2011 | (e) Parametric Cost Estimating Used to Develop Costs | YES | (f) Type of Design Contract: Adapt-Build | | (g) An energy study and life cycle cost analysis will be documented during the final design. | | (a) Standard or Definitive Design: YES | | (b) Where Most Recently Used: Fort Bliss | | (a) Production of Plans and Specifications..... | 998 | (b) All Other Design Costs..... | 1,498 | (c) Total Design Cost..... | 2,496 | (d) Contract..... | 1,498 | (e) In-house..... | 998 |
| (a) Date Design Started..... | SEP 2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (b) Percent Complete As Of January 2011..... | 35.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (c) Date 35% Designed..... | JAN 2011 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (d) Date Design Complete..... | OCT 2011 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (e) Parametric Cost Estimating Used to Develop Costs | YES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (f) Type of Design Contract: Adapt-Build | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (g) An energy study and life cycle cost analysis will be documented during the final design. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (a) Standard or Definitive Design: YES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (b) Where Most Recently Used: Fort Bliss | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (a) Production of Plans and Specifications..... | 998 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (b) All Other Design Costs..... | 1,498 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (c) Total Design Cost..... | 2,496 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (d) Contract..... | 1,498 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (e) In-house..... | 998 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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|----------------------|--|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|----------------------|--|------------------------|

3. INSTALLATION AND LOCATION
Fort Sill, Oklahoma

| | |
|--|----------------------------|
| 4. PROJECT TITLE Vehicle Maintenance Facility | 5. PROJECT NUMBER 64753 |
|--|----------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| TEMF Equipment | OPA | 2013 | 507 |
| IDS Equipment | OPA | 2013 | 10 |
| Info Systems - ISC | OPA | 2013 | 675 |
| | | TOTAL | <u>1,192</u> |

Installation Engineer: Randall J. Butler
Phone Number: 580-442-3705

| | | | | | | | |
|---|--|--|----------------------------|--|---|--------------|----------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | | |
| 3. INSTALLATION AND LOCATION Fort Sill Oklahoma | | | | 4. PROJECT TITLE Battle Command Training Center | | | |
| 5. PROGRAM ELEMENT 22212A | | 6. CATEGORY CODE 172 | 7. PROJECT NUMBER 64815 | | 8. PROJECT COST (\$000) Auth 23,000 Approp 23,000 | | |
| 9. COST ESTIMATES | | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) | |
| <u>PRIMARY FACILITY</u> | | | | | | 16,682 | |
| Battle Command Training Center | | m2 (SF) | 4,365 (| 46,980) | 3,190 | (13,925) | |
| Tactical Operation Pads | | EA | 3 -- | | 73,033 | (219) | |
| Entry Control Facility | | m2 (SF) | 37.16 (| 400) | 3,271 | (122) | |
| Special Foundation | | LS | -- | | -- | (395) | |
| IDS Installation | | LS | -- | | -- | (341) | |
| Total from Continuation page | | | | | | (1,680) | |
| <u>SUPPORTING FACILITIES</u> | | | | | | 4,044 | |
| Electric Service | | LS | -- | | -- | (409) | |
| Water, Sewer, Gas | | LS | -- | | -- | (159) | |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (789) | |
| Storm Drainage | | LS | -- | | -- | (105) | |
| Site Imp(1,943) Demo() | | LS | -- | | -- | (1,943) | |
| Information Systems | | LS | -- | | -- | (639) | |
| ESTIMATED CONTRACT COST | | | | | | 20,726 | |
| CONTINGENCY (5.00%) | | | | | | 1,036 | |
| SUBTOTAL | | | | | | 21,762 | |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 1,240 | |
| TOTAL REQUEST | | | | | | 23,002 | |
| TOTAL REQUEST (ROUNDED) | | | | | | 23,000 | |
| INSTALLED EQT-OTHER APPROP | | | | | | (3,910) | |
| 10. Description of Proposed Construction Construct a small standard design Battle Command Training Center (BCTC). Primary facilities include the BCTC, tactical operation pads, entry control facility, Energy Monitoring and Control System (EMCS) connection, Intrusion Detection System (IDS) installation, special foundations, and building information systems. Supporting facilities include electric service; water, sewer and gas; paving, parking, walks, curbs and gutters; storm drainage; site improvements; and information systems. Antiterrorism protection measures will be included. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Access for persons with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Air Conditioning (Estimated 753 kW/214 Tons). | | | | | | | |
| 11. REQ: | | 21,215 m2 | ADQT: | | 13,782 m2 | SUBSTD: | 2,044 m2 |
| PROJECT: Construct a small standard design Battle Command Training Center at Fort Sill, Oklahoma. (Current Mission) | | | | | | | |
| REQUIREMENT: This facility is required to support individual and collective digital training and battle staff training using constructive simulations with command, control, communications, computers and intelligence (C4I) interoperability. This project will provide effective training in the command | | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Fort Sill, Oklahoma

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Battle Command Training Center | 5. PROJECT NUMBER 64815 |
|--|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|----------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| EMCS Connection | LS | -- | -- | (67) |
| SDD and EPAct05 | LS | -- | -- | (281) |
| Antiterrorism Measures | LS | -- | -- | (281) |
| Building Information Systems | LS | -- | -- | (1,051) |
| | | | Total | 1,680 |

REQUIREMENT: (CONTINUED)

and control of individual as well as combined operations in a simulated tactical environment, incorporating appropriate opposing forces. Facility is required to support several different levels of battle command training for contingency force units and various additional combat, combat support, and combat service support units. Battle simulations and command post exercises are conducted at company, battalion, brigade, division, corps and joint levels. Size and complexity of battle command training using simulations and C4I systems have increased significantly.

CURRENT SITUATION: Current Battle Command capability does not support expanded training needs for battle command using increased simulations, instrumentation and C4I systems. Present training limits the integration of combat systems C4I systems, and equipment and does not provide a platform for integration of other Army and joint battle command systems. Minimum required capabilities of integrating architecture, operational C4I system stimulation, reach capability and training sustainment are not available. The need is not being fully met.

IMPACT IF NOT PROVIDED: If this project is not provided, Fort Sill will not have adequate battle command training and simulation enhanced facilities. The quality of battle command and simulation exercises will decline. Essential training and skill development will not be able to keep pace with mission demands.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable

| | | |
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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Fort Sill, Oklahoma | | |
| 4. PROJECT TITLE Battle Command Training Center | 5. PROJECT NUMBER 64815 | |
| ADDITIONAL: (CONTINUED) laws and Executive Orders. | | |
| 12. SUPPLEMENTAL DATA: A. Estimated Design Data: (1) Status: (a) Date Design Started..... <u>SEP 2009</u> (b) Percent Complete As Of January 2011..... <u>35.00</u> (c) Date 35% Designed..... <u>JAN 2011</u> (d) Date Design Complete..... <u>OCT 2011</u> (e) Parametric Cost Estimating Used to Develop Costs <u>YES</u> (f) Type of Design Contract: Design-bid-build (g) An energy study and life cycle cost analysis will be documented during the final design. (2) Basis: (a) Standard or Definitive Design: YES (b) Where Most Recently Used: Fort Richardson (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000) (a) Production of Plans and Specifications..... <u>415</u> (b) All Other Design Costs..... <u>835</u> (c) Total Design Cost..... <u>1,250</u> (d) Contract..... <u>1,123</u> (e) In-house..... <u>127</u> (4) Construction Contract Award..... <u>JAN 2012</u> (5) Construction Start..... <u>APR 2012</u> (6) Construction Completion..... <u>APR 2014</u> | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION
Fort Sill, Oklahoma

| | |
|--|----------------------------|
| 4. PROJECT TITLE Battle Command Training Center | 5. PROJECT NUMBER 64815 |
|--|----------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| Equipment | OPA | 2013 | 2,500 |
| Uninterruptible Power Supply | OPA | 2013 | 500 |
| Info Sys - ISC | OPA | 2013 | 891 |
| Info Sys - PROP | OPA | 2013 | 19 |
| | | TOTAL | <u>3,910</u> |

Installation Engineer: Randall J. Butler, P.E.
Phone Number: 580-442-3705

| | | | | | | |
|---|-------------------------|--|--|---|------------------------|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Sill Oklahoma | | | 4. PROJECT TITLE THAAD Instruction Facility | | | |
| 5. PROGRAM ELEMENT 85796A | 6. CATEGORY CODE 171 | 7. PROJECT NUMBER 74690 | | 8. PROJECT COST (\$000) Auth 33,000 Approp 33,000 | | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 25,891 |
| Simulator Bldg Non-Motion-Based | | m2 (SF) | 9,079 (97,724) | | 2,383 | (21,633) |
| Special Foundations | | LS | -- | | -- | (705) |
| Field Training Area | | m2 (SF) | 9,365 (100,800) | | 33.74 | (316) |
| Training Equipment Hardstand | | m2 (SF) | 11,095 (119,430) | | 104.64 | (1,161) |
| Overhead Protection/Canopy | | m2 (SF) | 46.45 (500) | | 686.73 | (32) |
| Total from Continuation page | | | | | | (2,044) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 4,289 |
| Electric Service | | LS | -- | | -- | (569) |
| Water, Sewer, Gas | | LS | -- | | -- | (348) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (1,078) |
| Storm Drainage | | LS | -- | | -- | (213) |
| Site Imp(1,682) Demo() | | LS | -- | | -- | (1,682) |
| Information Systems | | LS | -- | | -- | (260) |
| Antiterrorism Measures | | LS | -- | | -- | (139) |
| ESTIMATED CONTRACT COST | | | | | | 30,180 |
| CONTINGENCY (5.00%) | | | | | | 1,509 |
| SUBTOTAL | | | | | | 31,689 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 1,806 |
| TOTAL REQUEST | | | | | | 33,495 |
| TOTAL REQUEST (ROUNDED) | | | | | | 33,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | (159,830) |
| 10. Description of Proposed Construction Construct an Automation-Aided Instructional Facility for training on the Terminal High Altitude Area Defense (THAAD) weapon system. The facility will include Classrooms XXI, instructor area, maintenance training bay with overhead lift, systems maintenance area, communications room, Production Load List (PLL) storage, an area for Institutional Conduct of Fire Trainers (ICOFT), outdoor training area, overhead protection/canopy, and a separate field training area. Project will include Intrusion Detection System (IDS) and Closed Circuit Television (CCTV) installations, connections to Energy Monitoring and Control Systems (EMCS) and building information systems. Supporting facilities include utilities and connections; electric service; security lighting; fire protection and alarm systems; fencing; paving, walks, curbs and gutters; parking; storm drainage; information systems; landscaping and site improvements. Access for persons with disabilities will be provided. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPA05) features will be provided. Heating and air conditioning will be provided by self-contained units. Comprehensive building and furnishings related interior design services are required. Air Conditioning (Estimated 879 kW/250 Tons). | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Sill, Oklahoma

| | |
|--|--------------------------------|
| 4. PROJECT TITLE THAAD Instruction Facility | 5. PROJECT NUMBER 74690 |
|--|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|----------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| IDS Installation | LS | -- | -- | (20) |
| CCTV Installation | LS | -- | -- | (125) |
| EMCS Connection | LS | -- | -- | (72) |
| SDD and EPAct05 | LS | -- | -- | (442) |
| Antiterrorism Measures | LS | -- | -- | (493) |
| Building Information Systems | LS | -- | -- | (892) |
| | | | Total | 2,044 |

11. REQ: 11,847 m2 ADQT: 4,251 m2 SUBSTD: 730 m2
PROJECT: Construct THAAD Instructional Facilities at Fort Sill, Oklahoma.
(Current Mission)

REQUIREMENT: This project is required to provide institutional training for the THAAD system. THAAD is an element of the Terminal Defense Segment of the Ballistic Missile Defense System (BMDS). THAAD Replacement training will be maintained at Fort Bliss, Texas through FY 2014. The average daily load/throughput is 78 students. The estimated yearly training load is 283 students. The THAAD system will protect the United States, deployed forces, allies, and friends from ballistic missiles. By 1st quarter FY 2014, the U.S. Army assumes responsibility for THAAD institutional training. The THAAD institutional training facility needs to be mission ready at Fort Sill by the 2nd quarter FY2014 to test and validate the THAAD training devices before institutional training begins at Fort Sill in the 1st quarter FY 2015.

CURRENT SITUATION: THAAD replacement training is scheduled to commence in conjunction with New Equipment Training (NET) in the 1st quarter FY 2013 at Fort Bliss, Texas, because there are no facilities available at Fort Sill.

IMPACT IF NOT PROVIDED: If this project is not provided, replacement training will have to continue to be conducted in conjunction with NET, either at Fort Bliss or Fort Hood. This will result in an unacceptable degradation to both NET and replacement training as it prolongs the NET, thus delaying the fielding of the THAAD tactical battery, jeopardizing unit readiness. Replacement training will also suffer because as the NET completes, the unit takes its equipment with it, leaving no equipment to conduct replacement training.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|----------------------------|------------------------------|-----------------|--|--------------|----------------------------|-----------------|-------------------------------|-----------------|--|------------|---|--|--|--|---|------------|---------------------------------|--------------|----------------------------|--------------|-------------------|--------------|-------------------|------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. INSTALLATION AND LOCATION Fort Sill, Oklahoma | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. PROJECT TITLE THAAD Instruction Facility | 5. PROJECT NUMBER 74690 | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>ADDITIONAL: (CONTINUED)</p> <p>this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>12. SUPPLEMENTAL DATA:</p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr><td>(a) Date Design Started.....</td><td><u>AUG 2010</u></td></tr> <tr><td>(b) Percent Complete As Of January 2011.....</td><td><u>15.00</u></td></tr> <tr><td>(c) Date 35% Designed.....</td><td><u>MAR 2011</u></td></tr> <tr><td>(d) Date Design Complete.....</td><td><u>OCT 2011</u></td></tr> <tr><td>(e) Parametric Cost Estimating Used to Develop Costs</td><td><u>YES</u></td></tr> <tr><td>(f) Type of Design Contract: Design-bid-build</td><td></td></tr> <tr><td>(g) An energy study and life cycle cost analysis will be documented during the final design.</td><td></td></tr> </table> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design: NO</p> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table border="0"> <tr><td>(a) Production of Plans and Specifications.....</td><td><u>691</u></td></tr> <tr><td>(b) All Other Design Costs.....</td><td><u>1,037</u></td></tr> <tr><td>(c) Total Design Cost.....</td><td><u>1,728</u></td></tr> <tr><td>(d) Contract.....</td><td><u>1,037</u></td></tr> <tr><td>(e) In-house.....</td><td><u>691</u></td></tr> </table> <p>(4) Construction Contract Award..... <u>JAN 2012</u></p> <p>(5) Construction Start..... <u>APR 2012</u></p> <p>(6) Construction Completion..... <u>APR 2014</u></p> | | | (a) Date Design Started..... | <u>AUG 2010</u> | (b) Percent Complete As Of January 2011..... | <u>15.00</u> | (c) Date 35% Designed..... | <u>MAR 2011</u> | (d) Date Design Complete..... | <u>OCT 2011</u> | (e) Parametric Cost Estimating Used to Develop Costs | <u>YES</u> | (f) Type of Design Contract: Design-bid-build | | (g) An energy study and life cycle cost analysis will be documented during the final design. | | (a) Production of Plans and Specifications..... | <u>691</u> | (b) All Other Design Costs..... | <u>1,037</u> | (c) Total Design Cost..... | <u>1,728</u> | (d) Contract..... | <u>1,037</u> | (e) In-house..... | <u>691</u> |
| (a) Date Design Started..... | <u>AUG 2010</u> | | | | | | | | | | | | | | | | | | | | | | | | | |
| (b) Percent Complete As Of January 2011..... | <u>15.00</u> | | | | | | | | | | | | | | | | | | | | | | | | | |
| (c) Date 35% Designed..... | <u>MAR 2011</u> | | | | | | | | | | | | | | | | | | | | | | | | | |
| (d) Date Design Complete..... | <u>OCT 2011</u> | | | | | | | | | | | | | | | | | | | | | | | | | |
| (e) Parametric Cost Estimating Used to Develop Costs | <u>YES</u> | | | | | | | | | | | | | | | | | | | | | | | | | |
| (f) Type of Design Contract: Design-bid-build | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (g) An energy study and life cycle cost analysis will be documented during the final design. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (a) Production of Plans and Specifications..... | <u>691</u> | | | | | | | | | | | | | | | | | | | | | | | | | |
| (b) All Other Design Costs..... | <u>1,037</u> | | | | | | | | | | | | | | | | | | | | | | | | | |
| (c) Total Design Cost..... | <u>1,728</u> | | | | | | | | | | | | | | | | | | | | | | | | | |
| (d) Contract..... | <u>1,037</u> | | | | | | | | | | | | | | | | | | | | | | | | | |
| (e) In-house..... | <u>691</u> | | | | | | | | | | | | | | | | | | | | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|----------------------|--|------------------------|

3. INSTALLATION AND LOCATION
Fort Sill, Oklahoma

| | |
|--|----------------------------|
| 4. PROJECT TITLE THAAD Instruction Facility | 5. PROJECT NUMBER 74690 |
|--|----------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| IDS Equipment | OPA | 2012 | 9 |
| CCTV Equipment | OPA | 2012 | 30 |
| Training Equipment | OPA | 2013 | 158,981 |
| Info Sys - ISC | OPA | 2013 | 810 |
| | | TOTAL | 159,830 |

Installation Engineer: Randall J. Butler, PE
Phone Number: 580-442-3705

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2012
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

| STATE | INSTALLATION (COMMAND) | | | NEW/ | |
|----------------|--------------------------------|---------------|---------------|---------|-------|
| ----- PROJECT | ----- | AUTHORIZATION | APPROPRIATION | CURRENT | |
| NUMBER | PROJECT TITLE | REQUEST | REQUEST | MISSION | PAGE |
| ----- | ----- | ----- | ----- | ----- | ----- |
| South Carolina | Fort Jackson (IMCOM) | | | | 299 |
| 62955 | Trainee Barracks Complex, Ph 2 | 59,000 | 59,000 | C | 301 |
| 67022 | Modified Record Fire Range | 4,900 | 4,900 | C | 305 |
| | | ----- | ----- | | |
| | Subtotal Fort Jackson Part I | \$ 63,900 | 63,900 | | |
| | * TOTAL MCA FOR South Carolina | \$ 63,900 | 63,900 | | |

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|---|---------------------------------------|--------------------------------|---|---------|---------------|--|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | | | | | | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Fort Jackson South Carolina | | | 4. COMMAND US Army Installation Management Command | | | 5. AREA CONSTRUCTION COST INDEX 0.83 | |
| 6. PERSONNEL STRENGTH: | | | | | | | |
| | PERMANENT | | STUDENTS | | | SUPPORTED | |
| | OFFICER | ENLIST | CIVIL | OFFICER | ENLIST | CIVIL | TOTAL |
| A. AS OF 05 NOV 2010 | 1096 | 5303 | 2144 | 558 | 20385 | 32 | 100 395 3662 33,675 |
| B. END FY 2016 | 1074 | 4596 | 2365 | 577 | 22471 | 46 | 98 391 3662 35,280 |
| 7. INVENTORY DATA (\$000) | | | | | | | |
| A. TOTAL AREA..... | 21,166 ha | | (52,301 AC) | | | | |
| B. INVENTORY TOTAL AS OF 31 DEC 2010..... | | | | | | | 2,586,436 |
| C. AUTHORIZATION NOT YET IN INVENTORY..... | | | | | | | 499,475 |
| D. AUTHORIZATION REQUESTED IN THE FY 2012 PROGRAM..... | | | | | | | 63,900 |
| E. AUTHORIZATION INCLUDED IN THE FY 2013 PROGRAM..... | | | | | | | 80,500 |
| F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY)..... | | | | | | | 0 |
| G. REMAINING DEFICIENCY..... | | | | | | | 901,253 |
| H. GRAND TOTAL..... | | | | | | | 4,131,564 |
| 8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2012 PROGRAM: | | | | | | | |
| CATEGORY PROJECT | | PROJECT TITLE | | COST | DESIGN STATUS | | |
| CODE | NUMBER | | | (\$000) | START | COMPLETE | |
| 721 | 62955 | Trainee Barracks Complex, Ph 2 | | 59,000 | 09/2009 | 10/2011 | |
| 178 | 67022 | Modified Record Fire Range | | 4,900 | 10/2009 | 09/2012 | |
| TOTAL | | | | 63,900 | | | |
| 9. FUTURE PROJECT APPROPRIATIONS: | | | | | | | |
| CATEGORY | | PROJECT TITLE | | COST | | | |
| CODE | | | | (\$000) | | | |
| A. INCLUDED IN THE FY 2013 PROGRAM: | | | | | | | |
| 730 | Chapel | | | 16,500 | | | |
| 721 | Trainee Barracks Complex 2, Ph 2 | | | 64,000 | | | |
| TOTAL | | | | 80,500 | | | |
| B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE | | | | | | | |
| C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): | | | | N/A | | | |
| 10. MISSION OR MAJOR FUNCTIONS: | | | | | | | |
| Provide Basic Combat Training (BCT)/Initial Entry Training (IET), BCT/IET Management & Development, Advanced Individual Training (AIT), and One-Station Unit Training (OSUT). Provide support to the Soldier Support Institute which includes the Adjutant General School, Finance School, Recruiting & Retention School, and NCO Academy. Provide support to the U.S. Army Chaplain Center & School, Drill Sergeant School, DOD Polygraph Institute, and other tenant units and activities. Provide direct support to United States Army Reserve (USAR) components & training divisions. | | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | 2. DATE 10 FEB 2011 |
|----------------------|---------------------------------------|------------------------|

INSTALLATION AND LOCATION: Fort Jackson, South Carolina

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

| | |
|-----------------------------------|---------|
| | (\$000) |
| A. AIR POLLUTION | 0 |
| B. WATER POLLUTION | 0 |
| C. OCCUPATIONAL SAFETY AND HEALTH | 0 |

| | | | | | | |
|--|--|--|-------------------------------|---|--|--------------|
| 1.COMONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2.DATE 10 FEB 2011 | |
| 3.INSTALLATION AND LOCATION Fort Jackson South Carolina | | | | 4.PROJECT TITLE Trainee Barracks Complex, Ph 2 | | |
| 5.PROGRAM ELEMENT 85796A | | 6.CATEGORY CODE 721 | 7.PROJECT NUMBER 62955 | | 8.PROJECT COST (\$000) Auth 59,000 Approp 59,000 | |
| 9.COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 46,200 |
| AIT Barracks | | m2 (SF) | 26,438 (284,580) | | 1,681 | (44,451) |
| IDS Installation | | LS | -- | | -- | (119) |
| EMCS Connection | | LS | -- | | -- | (204) |
| SDD and EPAct05 | | LS | -- | | -- | (887) |
| Building Information Systems | | LS | -- | | -- | (539) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 7,399 |
| Electric Service | | LS | -- | | -- | (1,063) |
| Water, Sewer, Gas | | LS | -- | | -- | (547) |
| Steam And/Or Chilled Water Dist | | LS | -- | | -- | (2,118) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (1,254) |
| Storm Drainage | | LS | -- | | -- | (542) |
| Site Imp(1,611) Demo() | | LS | -- | | -- | (1,611) |
| Information Systems | | LS | -- | | -- | (130) |
| Antiterrorism Measures | | LS | -- | | -- | (134) |
| ESTIMATED CONTRACT COST | | | | | | 53,599 |
| CONTINGENCY (5.00%) | | | | | | 2,680 |
| SUBTOTAL | | | | | | 56,279 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 3,208 |
| TOTAL REQUEST | | | | | | 59,487 |
| TOTAL REQUEST (ROUNDED) | | | | | | 59,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10.Description of Proposed Construction This project consists of two phases. Phase 1 (PN 53794) was requested for \$46M in FY 2011. This project is Phase 2 for \$59M. Construct a standard-design 4 company Advanced Individual Training (AIT) barracks complex. This phase will construct 3-company barracks with company operations/classroom space. Project includes building information systems, installation of Intrusion Detection System (IDS), and connection to Energy Monitoring and Control System (EMCS). Access for individuals with disabilities will be provided. Comprehensive building and furnishings related interior design services are required in administration areas. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include all required utility systems and connections, information systems and alarm systems, paving, parking, walks, curbs and gutters, storm drainage, landscaping, antiterrorism measures and site improvements. Heating and air conditioning will be provided by self contained units. Air Conditioning (Estimated 4,379 kW/1,245 Tons). | | | | | | |
| 11. REQ: | | 13,440 PN | ADQT: 9,120 PN | | SUBSTD: | 2,681 PN |
| PROJECT: Construct phase 2 of a standard-design Advanced Individual Training (AIT) barracks complex (Phase 2 of 2) at Fort Jackson, South Carolina. (Current Mission) | | | | | | |

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|--|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Fort Jackson, South Carolina | | |
| 4. PROJECT TITLE Trainee Barracks Complex, Ph 2 | 5. PROJECT NUMBER 62955 | |
| <p><u>REQUIREMENT:</u> This project (Phases 1 and 2) is required to provide a mission complete 4-company standard-design Advanced Individual Training (AIT) complex to support 1,200 personnel (4 Companies/300 soldiers each) and a cadre of 115 to 150 personnel in accordance with approved Army AIT Complex criteria. Advanced Individual Training is one of the primary missions of Fort Jackson. Modifications to existing facilities are required to provide the Gender Integrated Training (GIT) environment. Consolidation of a training battalion in one permanent central complex will permit the maximum allowable time being spent on training.</p> <p><u>CURRENT SITUATION:</u> Recent expansion of Army recruiting goals together with the new requirement for the implementation of Gender Integrated Training (GIT) has resulted in a severe shortage of adequate AIT facilities at Fort Jackson. Male and female Soldiers are currently housed in crowded, deteriorating, 1960s era, one-company, rolling-pin style barracks not constructed to current space standards. These facilities are considered marginally satisfactory and are an expensive and continuing problem to sustain. The maintenance and repair costs for these structures are very expensive due to the unusually high degree of usage and level of deterioration. They also do not meet current construction and energy conservation standards. AIT is presently being conducted in separate billeting, dining, instructional, operations, training, and supply facilities. Excess distances between buildings causes numerous control problems for support personnel. These facilities are widely dispersed and poorly situated in a land use zone that also has permanent-party barracks, administration, community support, and operations facilities dispersed amongst the AIT sectors.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, recent expansions of Army recruiting together with additional requirements for implementing GIT will result in a severe shortage of adequate AIT billeting at Fort Jackson. If new barracks and support facilities are not constructed, there will be a disproportionate ratio of male to female Soldiers crowded in already inadequate facilities. This has greatly intensified the pressure placed on existing facilities. Trainees will be forced to continue utilizing substandard, obsolete, and decaying facilities dispersed throughout a large area poorly suited for AIT. Failure to provide this project will result in higher attrition rates and a general loss in efficiency, effectiveness, functional and operational ability, morale, quality of training, and quality of life for Soldiers.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon</p> | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Jackson, South Carolina

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Trainee Barracks Complex, Ph 2 | 5. PROJECT NUMBER 62955 |
|--|--------------------------------|

ADDITIONAL: (CONTINUED)

project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

| | FY2011 (\$000) | Requested FY2012 (\$000) |
|-----------------------------------|----------------|-----------------------------|
| Authorization | \$46,000 | \$59,000 |
| Authorization of Appropriation | \$46,000 | \$59,000 |
| Appropriation | \$46,000 | \$59,000 |

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... SEP 2009
 - (b) Percent Complete As Of January 2011..... 35.00
 - (c) Date 35% Designed..... JAN 2011
 - (d) Date Design Complete..... OCT 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build
 - (g) An energy study and life cycle cost analysis will be documented during the final design.

- (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Sill

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 576
 - (b) All Other Design Costs..... 1,728
 - (c) Total Design Cost..... 2,304
 - (d) Contract..... 1,728
 - (e) In-house..... 576

- (4) Construction Contract Award..... JAN 2012

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Jackson, South Carolina

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Trainee Barracks Complex, Ph 2 | 5. PROJECT NUMBER 62955 |
|--|--------------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(5) Construction Start..... APR 2012

(6) Construction Completion..... APR 2014

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

| <u>Equipment</u> <u>Nomenclature</u> | <u>Procuring</u> <u>Appropriation</u> | <u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u> | <u>Cost</u> <u>(\$000)</u> |
|---|--|--|-------------------------------|
| NA | | | |

Installation Engineer: Doug Burchet
Phone Number: (803) 751-2719

| | | | | | | |
|--|--|--|----------------------------|--|---|---------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Jackson South Carolina | | | | 4. PROJECT TITLE Modified Record Fire Range | | |
| 5. PROGRAM ELEMENT 22212A | | 6. CATEGORY CODE 178 | 7. PROJECT NUMBER 67022 | | 8. PROJECT COST (\$000) Auth 4,900 Approp 4,900 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 3,688 |
| Modified Record Fire Range | | FP | 16 | -- | 148,266 | (2,372) |
| Range Operations Control Area | | EA | 1 | -- | 102,475 | (102) |
| Range Control Tower | | EA | 1 | -- | 226,001 | (226) |
| Operations/Storage Building | | m2 (SF) | 74.32 | (800) | 1,978 | (147) |
| Classroom Building | | m2 (SF) | 74.32 | (800) | 2,556 | (190) |
| Total from Continuation page | | | | | | (651) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 584 |
| Electric Service | | LS | -- | -- | -- | (87) |
| Paving, Walks, Curbs & Gutters | | LS | -- | -- | -- | (203) |
| Site Imp(168) Demo() | | LS | -- | -- | -- | (168) |
| Information Systems | | LS | -- | -- | -- | (126) |
| ESTIMATED CONTRACT COST | | | | | | 4,272 |
| CONTINGENCY (5.00%) | | | | | | 214 |
| SUBTOTAL | | | | | | 4,486 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 256 |
| DESIGN/BUILD - DESIGN COST | | | | | | 179 |
| TOTAL REQUEST | | | | | | 4,921 |
| TOTAL REQUEST (ROUNDED) | | | | | | 4,900 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10. Description of Proposed Construction Construct a standard design Modified Record Fire (MRF) Range. Primary facilities include the MRF range, range operations control area, range control tower, operations/storage building, classroom building, latrine, covered mess, ammunition breakdown building, bleacher enclosure, and building information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include electric service, paving, site improvements, and information systems. Air Conditioning (Estimated 28 kW/8 Tons). | | | | | | |
| 11. REQ: | | 32 FP | | ADQT: NONE | | SUBSTD: 16 FP |
| PROJECT: Construct a standard design Modified Record Fire Range at Fort Jackson, South Carolina. (Current Mission) | | | | | | |
| REQUIREMENT: This project is required to provide a permanent facility to support current approved programs to train and test individual Soldiers on the skills necessary to identify, engage and defeat stationary infantry targets for day/night qualification requirements with the M16 & M4 rifles. This range supports the Installation Range Development Plan and the individual skill training and weapons qualification requirements of the schools supported. | | | | | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Jackson, South Carolina

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Modified Record Fire Range | 5. PROJECT NUMBER 67022 |
|--|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|-----------------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| Latrine | m2 (SF) | 30.66 (330) | 5,373 | (165) |
| Covered Mess | m2 (SF) | 131.27 (1,413) | 1,174 | (154) |
| Ammunition Breakdown Building | m2 (SF) | 17.19 (185) | 6,312 | (108) |
| Bleacher Enclosure | EA | 1 -- | 141,089 | (141) |
| SDD and EPAct05 | LS | -- | -- | (11) |
| Building Information Systems | LS | -- | -- | (72) |
| | | | Total | 651 |

CURRENT SITUATION: Existing ranges are substandard and do not support this requirement.

IMPACT IF NOT PROVIDED: If this project is not provided, training on small-arms ranges will not be available for prescribed programs of instruction.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
- (a) Date Design Started..... OCT 2009
 - (b) Percent Complete As Of January 2011..... 15.00
 - (c) Date 35% Designed..... JAN 2012
 - (d) Date Design Complete..... SEP 2012
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-build

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:

| | | |
|----------------------|--|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|----------------------|--|------------------------|

3. INSTALLATION AND LOCATION
Fort Jackson, South Carolina

| | |
|--|----------------------------|
| 4. PROJECT TITLE Modified Record Fire Range | 5. PROJECT NUMBER 67022 |
|--|----------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)
Fort Stewart

| | |
|---|----------|
| (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): | (\$000) |
| (a) Production of Plans and Specifications..... | 125 |
| (b) All Other Design Costs..... | 95 |
| (c) Total Design Cost..... | 220 |
| (d) Contract..... | 120 |
| (e) In-house..... | 100 |
| (4) Construction Contract Award..... | JAN 2012 |
| (5) Construction Start..... | APR 2012 |
| (6) Construction Completion..... | APR 2013 |

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

| <u>Equipment</u> <u>Nomenclature</u> | <u>Procuring</u> <u>Appropriation</u> | <u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u> | <u>Cost</u> <u>(\$000)</u> |
|---|--|--|-------------------------------|
| | NA | | |

Installation Engineer: Doug Burchet
Phone Number: (803) 751-2719

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2012
MILITARY CONSTRUCTION (Part I)
(DOLLARS ARE IN THOUSANDS)

| STATE | INSTALLATION (COMMAND) | | | NEW/ | |
|---------|--|---------------|---------------|---------|-------|
| ----- | ----- | AUTHORIZATION | APPROPRIATION | CURRENT | |
| PROJECT | PROJECT TITLE | REQUEST | REQUEST | MISSION | PAGE |
| NUMBER | | | | | |
| ----- | ----- | ----- | ----- | ----- | ----- |
| Texas | Fort Bliss (IMCOM) | | | | 311 |
| 68305 | Vehicle Maintenance Facility | 24,000 | 24,000 | C | 313 |
| 68993 | Electronics Maintenance Facility | 14,600 | 14,600 | C | 317 |
| 69286 | Infrastructure | 14,600 | 14,600 | C | 321 |
| 70514 | Vehicle Maintenance Facility | 14,600 | 14,600 | C | 324 |
| 73686 | Barracks Complex | 13,000 | 13,000 | C | 327 |
| 73688 | Vehicle Maintenance Facility | 19,000 | 19,000 | C | 331 |
| 73690 | JLENS Tactical Training Facility | 39,000 | 39,000 | C | 335 |
| 74845 | Water Well, Potable | 2,400 | 2,400 | | 339 |
| 77489 | Applied Instruction Building | 8,300 | 8,300 | C | 342 |
| | Subtotal Fort Bliss Part I | \$ 149,500 | 149,500 | | |
| | Fort Hood (IMCOM) | | | | 345 |
| 65374 | Operational Readiness Training Complex | 51,000 | 51,000 | C | 347 |
| 69828 | Unmanned Aerial Vehicle Maintenance Hangar | 47,000 | 47,000 | C | 351 |
| 71682 | Vehicle Maintenance Facility | 15,500 | 15,500 | C | 354 |
| 77187 | Vehicle Maintenance Facility | 18,500 | 18,500 | C | 357 |
| | Subtotal Fort Hood Part I | \$ 132,000 | 132,000 | | |
| | Joint Base San Antonio (FORSCOM) | | | | |
| 05034 | Vehicle Maintenance Facility | 10,400 | 10,400 | C | 361 |
| | Subtotal Joint Base San Antonio Part I | \$ 10,400 | 10,400 | | |
| | Red River Army Depot (AMC) | | | | 365 |
| 66691 | Maneuver Systems Sustainment Ctr, Ph 3 | 44,000 | 44,000 | C | 367 |
| | Subtotal Red River Army Depot Part I | \$ 44,000 | 44,000 | | |
| | * TOTAL MCA FOR Texas | \$ 335,900 | 335,900 | | |

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|---|---------------------------------------|--|---|----------------|---------|--|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | | | | | | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Fort Bliss Texas | | | 4. COMMAND US Army Installation Management Command | | | 5. AREA CONSTRUCTION COST INDEX 1.01 | |
| 6. PERSONNEL STRENGTH: | | | | | | | |
| | | PERMANENT | | STUDENTS | | SUPPORTED | |
| | | OFFICER | ENLIST | CIVIL | OFFICER | ENLIST | CIVIL |
| A. AS OF 05 NOV 2010 | | 3066 | 21351 | 3001 | 23 | 582 | 0 |
| B. END FY 2016 | | 4441 | 28617 | 3370 | 60 | 938 | 8 |
| | | | | | | 993 | 2382 |
| | | | | | | 8441 | 39,839 |
| | | | | | | 2279 | 6665 |
| | | | | | | | 47,326 |
| 7. INVENTORY DATA (\$000) | | | | | | | |
| A. TOTAL AREA..... | | 452,250 ha | | (1,117,530 AC) | | | |
| B. INVENTORY TOTAL AS OF 31 DEC 2010..... | | | | | | 8,133,538 | |
| C. AUTHORIZATION NOT YET IN INVENTORY..... | | | | | | 1,936,340 | |
| D. AUTHORIZATION REQUESTED IN THE FY 2012 PROGRAM..... | | | | | | 149,500 | |
| E. AUTHORIZATION INCLUDED IN THE FY 2013 PROGRAM..... | | | | | | 115,250 | |
| F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY)..... | | | | | | 0 | |
| G. REMAINING DEFICIENCY..... | | | | | | 1,093,794 | |
| H. GRAND TOTAL..... | | | | | | 11,428,422 | |
| 8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2012 PROGRAM: | | | | | | | |
| CATEGORY PROJECT | | | | COST | | DESIGN STATUS | |
| CODE | NUMBER | PROJECT TITLE | | (\$000) | START | COMPLETE | |
| 214 | 68305 | Vehicle Maintenance Facility | | 24,000 | 09/2009 | 10/2011 | |
| 214 | 68993 | Electronics Maintenance Facility | | 14,600 | 09/2009 | 09/2012 | |
| 812 | 69286 | Infrastructure | | 14,600 | 09/2010 | 10/2011 | |
| 214 | 70514 | Vehicle Maintenance Facility | | 14,600 | 09/2009 | 10/2011 | |
| 721 | 73686 | Barracks Complex | | 13,000 | 09/2009 | 07/2012 | |
| 171 | 73690 | JLENS Tactical Training Facility | | 39,000 | 06/2010 | 10/2011 | |
| 214 | 73688 | Vehicle Maintenance Facility | | 19,000 | 09/2009 | 10/2011 | |
| 841 | 74845 | Water Well, Potable | | 2,400 | 02/2011 | 06/2012 | |
| 171 | 77489 | Applied Instruction Building | | 8,300 | 08/2010 | 09/2012 | |
| | | | | TOTAL | 149,500 | | |
| 9. FUTURE PROJECT APPROPRIATIONS: | | | | | | | |
| CATEGORY | | | | COST | | | |
| CODE | | PROJECT TITLE | | (\$000) | | | |
| A. INCLUDED IN THE FY 2013 PROGRAM: | | | | | | | |
| 740 | | Renovate Child Development Center | | 7,900 | | | |
| 178 | | Multipurpose Machine Gun Range | | 5,800 | | | |
| 178 | | Modified Record Fire Range | | 5,600 | | | |
| 441 | | Defense Reutilization and Marketing Office | | 14,600 | | | |
| 178 | | Infantry Squad Battle Course | | 4,950 | | | |
| 141 | | JLENS Complex | | 25,000 | | | |
| 133 | | Air Traffic Control Tower | | 12,600 | | | |
| 441 | | Supply and Support Activities Warehouse | | 24,000 | | | |
| 441 | | Supply and Support Activities Warehouse | | 14,800 | | | |
| | | | | TOTAL | 115,250 | | |

| | | | | | | | | | | |
|---|---------------------------------------|------------------------|--|---------|------------------|---|--------------------|---|-----------------------------------|---|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | 2. DATE 10 FEB 2011 | | | | | | | | |
| INSTALLATION AND LOCATION: Fort Bliss, Texas | | | | | | | | | | |
| <p>B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE</p> <p>C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): N/A</p> | | | | | | | | | | |
| <p>10. MISSION OR MAJOR FUNCTIONS:</p> <p>Provides support to the 1st Armored Division; William Beaumont Army Medical Center; US Army Sergeants Major Academy, and other tenant activities and units. A multi-functional installation that serves as a Power Projection Platform as well as test bed for Joint and Combined Warfare, employing state-of-the-art technologies.</p> | | | | | | | | | | |
| <p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table data-bbox="203 877 1079 1003"> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table> | | | | (\$000) | A. AIR POLLUTION | 0 | B. WATER POLLUTION | 0 | C. OCCUPATIONAL SAFETY AND HEALTH | 0 |
| | (\$000) | | | | | | | | | |
| A. AIR POLLUTION | 0 | | | | | | | | | |
| B. WATER POLLUTION | 0 | | | | | | | | | |
| C. OCCUPATIONAL SAFETY AND HEALTH | 0 | | | | | | | | | |

| | | | | | | |
|--|--|--|---------------------------|---|--|--------------|
| 1.COMONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2.DATE 10 FEB 2011 | |
| 3.INSTALLATION AND LOCATION Fort Bliss Texas | | | | 4.PROJECT TITLE Vehicle Maintenance Facility | | |
| 5.PROGRAM ELEMENT 85796A | | 6.CATEGORY CODE 214 | 7.PROJECT NUMBER 68305 | | 8.PROJECT COST (\$000) Auth 24,000 Approp 24,000 | |
| 9.COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 17,117 |
| Vehicle Maintenance Shop | | m2 (SF) | 5,404 (| 58,172) | 2,171 | (11,733) |
| TIGER/IBAS Facility | | m2 (SF) | 291.07 (| 3,133) | 2,605 | (758) |
| Oil Storage Building | | m2 (SF) | 156.08 (| 1,680) | 1,050 | (164) |
| Hazardous Waste Storage | | m2 (SF) | 156.08 (| 1,680) | 843.77 | (132) |
| Organizational Storage | | m2 (SF) | 162.58 (| 1,750) | 1,175 | (191) |
| Total from Continuation page | | | | | | (4,139) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 4,877 |
| Electric Service | | LS | -- | -- | -- | (981) |
| Water, Sewer, Gas | | LS | -- | -- | -- | (191) |
| Paving, Walks, Curbs & Gutters | | LS | -- | -- | -- | (1,545) |
| Storm Drainage | | LS | -- | -- | -- | (693) |
| Site Imp(893) Demo() | | LS | -- | -- | -- | (893) |
| Information Systems | | LS | -- | -- | -- | (533) |
| Antiterrorism Measures | | LS | -- | -- | -- | (41) |
| ESTIMATED CONTRACT COST | | | | | | 21,994 |
| CONTINGENCY (5.00%) | | | | | | 1,100 |
| SUBTOTAL | | | | | | 23,094 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 1,316 |
| TOTAL REQUEST | | | | | | 24,410 |
| TOTAL REQUEST (ROUNDED) | | | | | | 24,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | (1,631) |
| 10.Description of Proposed Construction Construct a standard Vehicle Maintenance Shop. Project includes a large vehicle maintenance facility, Total Integrated Engine Revitalization (TIGER)/Improved Bradley Acquisition Subsystem (IBAS) facility, organizational vehicle parking, organizational storage, oil and hazardous waste storage, building information systems, fire protection and alarm systems, Intrusion Detection System (IDS) installation, and Energy Monitoring and Control Systems (EMCS) connection. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include utilities and connections, lighting, paving, parking, truck loading ramp, walks, curbs and gutters, storm drainage, site development, information systems, landscaping and signage. Heating and air conditioning will be provided by self contained systems. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. Air Conditioning (Estimated 615 kW _r /175 Tons). | | | | | | |
| 11. REQ: | | 227,241 m2 ADQT: | | 73,579 m2 SUBSTD: | | 5,667 m2 |
| PROJECT: Construct a standard Vehicle Maintenance Shop at Fort Bliss, Texas. (Current Mission) | | | | | | |

| | | | | |
|---|--|----------------------------|--------------|-----------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 | | |
| 3. INSTALLATION AND LOCATION Fort Bliss, Texas | | | | |
| 4. PROJECT TITLE Vehicle Maintenance Facility | 5. PROJECT NUMBER 68305 | | | |
| 9. COST ESTIMATES (CONTINUED) | | | | |
| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| Organizational Vehicle Parking | m2 (SY) | 31,344 (37,487) | 106.06 | (3,324) |
| IDS Installation | LS | -- | -- | (33) |
| EMCS Connection | LS | -- | -- | (68) |
| SDD and EPAct05 | LS | -- | -- | (267) |
| Building Information Systems | LS | -- | -- | (447) |
| | | | Total | 4,139 |
| <p><u>REQUIREMENT:</u> This project is required to provide two-level maintenance for Army weapon systems at Fort Bliss. The facilities provided by this project allow effective and efficient first-level maintenance of targeted systems. The newly established maintenance activity at Fort Bliss facilitates direct support by Program Manager, Heavy Brigade Combat Team to units for contingency operations by providing repair parts, Special Tools and Test equipment (STTE), Technical Manuals (TM's), and Field Service support as well as performing technical inspections, repairs, and modification updates on equipment left behind by deployed units and special missions in support of deploying forces. This facility is integral to Soldier training and preparedness and equipment distribution for contingency operations.</p> | | | | |
| <p><u>CURRENT SITUATION:</u> Currently, maintenance is performed at unit, intermediate, and depot levels. Having three levels requires one-third more of a facility footprint to be in place and requires one-third more supply orders and deliveries of parts. The status quo perpetuates workflow inefficiencies and spatial redundancies by dividing administrative offices, storage areas, and training facilities across several separate buildings. The current facilities are undersized, lack the required hardstand space to store the vehicles, and do not have loading and service ramps.</p> | | | | |
| <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the Army's transformation into a more streamlined and reduced footprint to two level maintenance will be negatively impacted. The expected increase in efficiency and agility of the Army will not fully materialize.</p> | | | | |
| <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will</p> | | | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Bliss, Texas

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Vehicle Maintenance Facility | 5. PROJECT NUMBER 68305 |
|--|--------------------------------|

ADDITIONAL: (CONTINUED)
be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... SEP 2009
 - (b) Percent Complete As Of January 2011..... 35.00
 - (c) Date 35% Designed..... JAN 2011
 - (d) Date Design Complete..... OCT 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Adapt-Build

 - (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Bliss

 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 369
 - (b) All Other Design Costs..... 392
 - (c) Total Design Cost..... 761
 - (d) Contract..... 392
 - (e) In-house..... 369

 - (4) Construction Contract Award..... JAN 2012

 - (5) Construction Start..... APR 2012

 - (6) Construction Completion..... JAN 2014

| | | |
|--------------|--|-------------|
| 1. COMPONENT | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE |
| ARMY | | 10 FEB 2011 |

3. INSTALLATION AND LOCATION
Fort Bliss, Texas

| | |
|------------------------------|-------------------|
| 4. PROJECT TITLE | 5. PROJECT NUMBER |
| Vehicle Maintenance Facility | 68305 |

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| TEMF Equipment | OPA | 2012 | 1,113 |
| Info Sys - ISC | OPA | 2013 | 518 |
| | | TOTAL | <u>1,631</u> |

Installation Engineer: Andres Iglesias
Phone Number: 915-568-5949

| | | | | | | |
|---|--|--|----------------------------|--|---|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Bliss Texas | | | | 4. PROJECT TITLE Electronics Maintenance Facility | | |
| 5. PROGRAM ELEMENT 85796A | | 6. CATEGORY CODE 214 | 7. PROJECT NUMBER 68993 | | 8. PROJECT COST (\$000) Auth 14,600 Approp 14,600 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 9,875 |
| Electronics Maintenance Shop | | m2 (SF) | 3,279 (35,290) | | 2,083 | (6,830) |
| Controlled Humidity Warehouse | | m2 (SF) | 464.52 (5,000) | | 1,555 | (722) |
| Organizational Vehicle Parking | | m2 (SY) | 19,064 (22,800) | | 94.48 | (1,801) |
| Oil Storage Building | | m2 (SF) | 55.74 (600) | | 1,047 | (58) |
| Hazardous Waste Storage | | m2 (SF) | 55.74 (600) | | 841.44 | (47) |
| Total from Continuation page | | | | | | (417) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 2,759 |
| Electric Service | | LS | -- | | -- | (405) |
| Water, Sewer, Gas | | LS | -- | | -- | (160) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (909) |
| Storm Drainage | | LS | -- | | -- | (107) |
| Site Imp(590) Demo() | | LS | -- | | -- | (590) |
| Information Systems | | LS | -- | | -- | (564) |
| Antiterrorism Measures | | LS | -- | | -- | (24) |
| ESTIMATED CONTRACT COST | | | | | | 12,634 |
| CONTINGENCY (5.00%) | | | | | | 632 |
| SUBTOTAL | | | | | | 13,266 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 756 |
| DESIGN/BUILD - DESIGN COST | | | | | | 531 |
| TOTAL REQUEST | | | | | | 14,553 |
| TOTAL REQUEST (ROUNDED) | | | | | | 14,600 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10. Description of Proposed Construction Construct a standard medium Electronics Maintenance Shop. Project includes medium Electronics Maintenance Shop, organizational vehicle parking, Controlled Humidity Warehouse, oil and hazardous waste storage building, building information systems, fire protection and alarm systems, Intrusion Detection System (IDS) installation, and Energy Monitoring and Control Systems (EMCS) connection. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include site development, utilities and connections, lighting, paving, parking, walks, curbs and gutters, storm drainage, information systems, landscaping and signage. Heating and air conditioning will be provided by self contained system. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. Air Conditioning (Estimated 3,517 kW _r /1,000 Tons). | | | | | | |
| 11. REQ: | | 3,279 m2 | ADQT: | NONE | SUBSTD: | NONE |
| PROJECT: Construct a standard medium Electronics Mainenance Shop at Fort | | | | | | |

| | | | |
|--|----------|-------------------|-------------------|
| 1. COMPONENT | | 2. DATE | |
| ARMY | | 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION | | | |
| Fort Bliss, Texas | | | |
| 4. PROJECT TITLE | | 5. PROJECT NUMBER | |
| Electronics Maintenance Facility | | 68993 | |
| <u>9. COST ESTIMATES (CONTINUED)</u> | | | |
| Item | UM (M/E) | QUANTITY | Unit Cost (\$000) |
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | |
| IDS Installation | LS | -- | (34) |
| EMCS Connection | LS | -- | (19) |
| SDD and EPAct05 | LS | -- | (151) |
| Antiterrorism Measures | LS | -- | (137) |
| Building Information Systems | LS | -- | (76) |
| | | Total | 417 |
| <u>PROJECT: (CONTINUED)</u> | | | |
| Bliss, Texas. (Current Mission) | | | |
| <u>REQUIREMENT:</u> This project is required to support the Army Force Generation, (ARFORGEN) units at Fort Bliss. The facilities provided by this project will enable effective and efficient on-site maintenance of electronic and communications systems. Establishment of a consolidated on-site maintenance facility will effectively and efficiently accomplish selected field and sustainment level maintenance support for Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) systems deployed and fielded to supported units at Fort Bliss. | | | |
| <u>CURRENT SITUATION:</u> Currently, for C4ISR systems, limited capability resides at Ft. Bliss. Repair of Specialized Low Density Military Intelligence Equipment and other designated Communications-Electronics Life Cycle Management Command (CE-LCMC) equipment is shipped, or transported to Fort Hood or handled via the dispatch of a team to Ft Bliss to assess the problem and complete the repair. New requirements for the support and maintenance of Automated Data Processing Equipment (ADPE), Standard Army Management Information System (STAMIS) and Tactical Operations Center (TOC) equipment has acquired the need for permanent maintenance, and storage space. Permanent facilities are not available and temporary space made available is too small to accommodate the required work load. | | | |
| <u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, units stationed at Fort Bliss will not be properly supported. As units from Fort Bliss deploy to either a training exercise or contingency deployment, without an on-site maintenance facility there will be no readily available C4ISR systems sustainment maintenance support staff and structure familiar with the equipment readily available to accompany the deployed units. The C4ISR systems needing maintenance or repair at the sustainment level under two-level maintenance concept will require equipment to be transported or shipped to Fort Hood, regional maintenance facility. Without a dedicated facility and staff, repair parts, Line Replaceable Unit (LRUs), and special tools or test equipment requiring secure storage and formal accountability may be impractical for placement at Fort Bliss. If no stockage of repair parts and | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Bliss, Texas

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Electronics Maintenance Facility | 5. PROJECT NUMBER 68993 |
|--|--------------------------------|

IMPACT IF NOT PROVIDED: (CONTINUED)
LRUs are available on site, there will be extended repair cycle delays due to Order-Ship Time from the Fort Hood regional facility or other supply source. With no on-site maintenance repair facility, repair teams will have to be dispatched by the Fort Hood regional facility causing possible delays and impact to the readiness of supported equipment, and additional costs due to the transportation of specialized tools and test equipment.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

| | |
|--|----------|
| (1) Status: | |
| (a) Date Design Started..... | SEP 2009 |
| (b) Percent Complete As Of January 2011..... | 15.00 |
| (c) Date 35% Designed..... | JAN 2012 |
| (d) Date Design Complete..... | SEP 2012 |
| (e) Parametric Cost Estimating Used to Develop Costs | YES |
| (f) Type of Design Contract: Design-build | |
| (2) Basis: | |
| (a) Standard or Definitive Design: YES | |
| (b) Where Most Recently Used: | |
| Fort Bliss | |
| (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): | (\$000) |
| (a) Production of Plans and Specifications..... | 284 |
| (b) All Other Design Costs..... | 568 |
| (c) Total Design Cost..... | 852 |
| (d) Contract..... | 568 |
| (e) In-house..... | 284 |
| (4) Construction Contract Award..... | JAN 2012 |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Fort Bliss, Texas

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Electronics Maintenance Facility | 5. PROJECT NUMBER 68993 |
|--|--------------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (5) Construction Start..... APR 2012
- (6) Construction Completion..... OCT 2013

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
|-----------------------------------|------------------------------------|--|-------------------------|

NA

Installation Engineer: Andres Iglesias
Phone Number: 915-568-5949

| | | | | | | |
|--|--|--|----------------------------|------------------------------------|---|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Bliss Texas | | | | 4. PROJECT TITLE Infrastructure | | |
| 5. PROGRAM ELEMENT 85796A | | 6. CATEGORY CODE 812 | 7. PROJECT NUMBER 69286 | | 8. PROJECT COST (\$000) Auth 14,600 Approp 14,600 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 11,681 |
| Underground Electric Lines | | LS | -- | | -- | (5,325) |
| Exterior Lighting w/UG Conduits | | LS | -- | | -- | (416) |
| Roads | | LS | -- | | -- | (4,203) |
| Water, Sewer and Gas | | LS | -- | | -- | (1,737) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 1,559 |
| Storm Drainage | | LS | -- | | -- | (278) |
| Site Imp(171) Demo() | | LS | -- | | -- | (171) |
| Information Systems | | LS | -- | | -- | (1,110) |
| ESTIMATED CONTRACT COST | | | | | | 13,240 |
| CONTINGENCY (5.00%) | | | | | | 662 |
| SUBTOTAL | | | | | | 13,902 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 792 |
| TOTAL REQUEST | | | | | | 14,694 |
| TOTAL REQUEST (ROUNDED) | | | | | | 14,600 |
| INSTALLED EQT-OTHER APPROP | | | | | | (0) |
| 10. Description of Proposed Construction Provide infrastructure for an Industrial Complex to include roads and utilities such as electricity, water, sewer, and gas from Main Post supply points to the identified new industrial zone of the base. Primary facilities work includes roadways, paving, connections to and distribution of utilities systems: potable water, sanitary sewer, natural gas, and electrical. Support facilities include storm drainage, site improvements, and information systems. | | | | | | |
| 11. REQ: 400,070 m ADQT: 398,089 m SUBSTD: NONE | | | | | | |
| PROJECT: Construct infrastructure at Fort Bliss (Biggs Army Airfield), Texas. (Current Mission) | | | | | | |
| REQUIREMENT: The requirement is to provide utilities to a newly identified industrial zone at Biggs Army Airfield on Fort Bliss that will support the future campus of facilities needed to meet the Army Field Support Battalion mission, a unit of the Army Sustainment Command, a subordinate command of the Army Materiel Command. Due to the stand up of the Field Support Battalion, an industrial support complex performing the broad spectrum of maintenance is required to implement Army Force Generation. The Army Force Generation has created the continuous flow of units prepared for operational deployment across the full spectrum of operations to include Homeland Security. The Army | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Bliss, Texas

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Infrastructure | 5. PROJECT NUMBER 69286 |
|--|--------------------------------|

REQUIREMENT: (CONTINUED)

Sustainment Command/Army Field Support Battalion will provide the primary entry point for units to request and coordinate logistics support and/or assistance.

CURRENT SITUATION: The Field Support Battalion is being staffed to support Army Transformation at Fort Bliss, TX. No facilities on the installation are available for long-term allocation. New personnel are assigned on a temporary basis to various facilities at multiple locations on the installation.

IMPACT IF NOT PROVIDED: If adequate infrastructure is not provided for the new Industrial Complex, facilities that will rely on this infrastructure can not be constructed. As a consequence, insufficient facilities will negatively affect the technical and logistical support to maintenance performed at Fort Bliss. This impact will carry over to unit readiness of the force projection capability of Fort Bliss, as well as Mobilizing/Demobilizing Units. Favorable action on the request will enable the Army Materiel Command organizations present at Fort Bliss to assume larger roles in support of the installation and continue providing technical and logistical support to the Army under the Logistics Assistance Program.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
- (a) Date Design Started..... SEP 2010
 - (b) Percent Complete As Of January 2011..... 15.00
 - (c) Date 35% Designed..... MAR 2011
 - (d) Date Design Complete..... OCT 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build

(2) Basis:

- (a) Standard or Definitive Design: NO

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Bliss, Texas

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Infrastructure | 5. PROJECT NUMBER 69286 |
|--|--------------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

| | |
|---|----------|
| (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): | (\$000) |
| (a) Production of Plans and Specifications..... | 576 |
| (b) All Other Design Costs..... | 864 |
| (c) Total Design Cost..... | 1,440 |
| (d) Contract..... | 864 |
| (e) In-house..... | 576 |
| (4) Construction Contract Award..... | JAN 2012 |
| (5) Construction Start..... | APR 2012 |
| (6) Construction Completion..... | OCT 2013 |

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-------------------------------|--------------------------------|--|---------------------|
| | NONE | | |

Installation Engineer: Andres Iglesias
Phone Number: 915-568-5949

| | | | | | |
|--|--|--|--|---|------------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Bliss Texas | | | 4. PROJECT TITLE Vehicle Maintenance Facility | | |
| 5. PROGRAM ELEMENT 85796A | | 6. CATEGORY CODE 214 | 7. PROJECT NUMBER 70514 | 8. PROJECT COST (\$000) Auth 14,600 Approp 14,600 | |
| 9. COST ESTIMATES | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | 9,508 |
| Vehicle Maintenance Shop | | m2 (SF) | 1,706 (18,360) | | 2,390 (4,076) |
| Company Operations Facility | | m2 (SF) | 1,364 (14,683) | | 2,307 (3,148) |
| Covered Hardstand | | m2 (SF) | 216.28 (2,328) | | 863.04 (187) |
| Organizational Vehicle Parking | | m2 (SY) | 14,245 (17,037) | | 106.06 (1,511) |
| Organizational Storage | | m2 (SF) | 162.58 (1,750) | | 1,103 (179) |
| Total from Continuation page | | | | | (407) |
| <u>SUPPORTING FACILITIES</u> | | | | | 3,730 |
| Electric Service | | LS | -- | | -- (1,558) |
| Water, Sewer, Gas | | LS | -- | | -- (192) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- (523) |
| Storm Drainage | | LS | -- | | -- (411) |
| Site Imp(619) Demo(26) | | LS | -- | | -- (645) |
| Information Systems | | LS | -- | | -- (371) |
| Antiterrorism Measures | | LS | -- | | -- (30) |
| ESTIMATED CONTRACT COST | | | | | 13,238 |
| CONTINGENCY (5.00%) | | | | | 662 |
| SUBTOTAL | | | | | 13,900 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | 792 |
| TOTAL REQUEST | | | | | 14,692 |
| TOTAL REQUEST (ROUNDED) | | | | | 14,600 |
| INSTALLED EQT-OTHER APPROP | | | | | (1,436) |
| 10. Description of Proposed Construction Construct standard design Vehicle Maintenance Shop and Company Operations Facilities. Project includes company operations with covered hardstand, vehicle maintenance shop, oil and hazardous waste storage, organizational vehicle parking, organizational storage, building information systems, fire protection and fire alarm systems, mass notification system, installation of Intrusion Detection System (IDS), and Energy Monitoring and Control Systems (EMCS) connections. Supporting facilities include electrical, water, sanitary sewer, and gas utilities; storm drainage; information systems; road and tank trail construction; landscaping and site improvements. Heating will be provided by self-contained systems. Anti-Terrorism/Force Protection (AT/FP) will be provided by structural reinforcement, special windows and doors, high curbing, and other site measures to secure perimeter and maintain stand off distances. Access for persons with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPA05) features will be provided. Demolish 1 building (TOTAL 90 m2/973 SF). Air Conditioning (Estimated 134 kW/38 Tons). | | | | | |
| 11. REQ: | | 227,241 m2 | ADQT: | 73,579 m2 | SUBSTD: 5,667 m2 |
| PROJECT: Construct standard design Vehicle Maintenance Shop and Company | | | | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Bliss, Texas

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Vehicle Maintenance Facility | 5. PROJECT NUMBER 70514 |
|--|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|--------------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| Oil Storage Building | m2 (SF) | 33.45 (360) | 1,200 | (40) |
| Hazardous Waste Storage | m2 (SF) | 33.45 (360) | 964.96 | (32) |
| IDS Installation | LS | -- | -- | (19) |
| EMCS Connection | LS | -- | -- | (39) |
| SDD and EPAct05 | LS | -- | -- | (154) |
| Building Information Systems | LS | -- | -- | (123) |
| | | | Total | 407 |

PROJECT: (CONTINUED)
Operations Facility at Fort Bliss, Texas. (Current Mission)
REQUIREMENT: This requirement is needed to support the troop increase at Fort Bliss. This project supports the THAAD Battery unit to be stationed at Fort Bliss as part of the increase in permanent end strength of the Army.
CURRENT SITUATION: All existing adequate facilities are being fully utilized to support current operations as well as Army Modularity and Global Defense Posture Realignment (GDPR) initiatives at Fort Bliss.
IMPACT IF NOT PROVIDED: If this project is not provided, there will not be sufficient adequate permanent facilities to support the units stationed at Fort Bliss.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

| | |
|--|----------|
| A. Estimated Design Data: | |
| (1) Status: | |
| (a) Date Design Started..... | SEP 2009 |
| (b) Percent Complete As Of January 2011..... | 35.00 |
| (c) Date 35% Designed..... | JAN 2011 |
| (d) Date Design Complete..... | OCT 2011 |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Bliss, Texas

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Vehicle Maintenance Facility | 5. PROJECT NUMBER 70514 |
|--|--------------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Adapt-Build

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Bliss

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

| | |
|---|-----|
| (a) Production of Plans and Specifications..... | 216 |
| (b) All Other Design Costs..... | 288 |
| (c) Total Design Cost..... | 504 |
| (d) Contract..... | 288 |
| (e) In-house..... | 216 |

(4) Construction Contract Award..... JAN 2012

(5) Construction Start..... APR 2012

(6) Construction Completion..... OCT 2013

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| Equipment | OPA | 2013 | 1,283 |
| Info Sys - ISC | OPA | 2013 | 153 |
| | | TOTAL | 1,436 |

Installation Engineer: Andres Iglesias
Phone Number: 915-568-5949

| | | | | | | |
|---|--|--|----------------------------|--------------------------------------|---|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Bliss Texas | | | | 4. PROJECT TITLE Barracks Complex | | |
| 5. PROGRAM ELEMENT 85796A | | 6. CATEGORY CODE 721 | 7. PROJECT NUMBER 73686 | | 8. PROJECT COST (\$000) Auth 13,000 Approp 13,000 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 9,349 |
| Barracks | | m2 (SF) | 2,428 (26,132) | | 2,289 | (5,558) |
| Company Operations Facility | | m2 (SF) | 1,364 (14,683) | | 2,307 | (3,148) |
| Covered Hardstand | | m2 (SF) | 216.28 (2,328) | | 844.53 | (183) |
| IDS Installation | | LS | -- | | -- | (15) |
| EMCS Connection | | LS | -- | | -- | (89) |
| Total from Continuation page | | | | | | (356) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 2,021 |
| Electric Service | | LS | -- | | -- | (835) |
| Water, Sewer, Gas | | LS | -- | | -- | (124) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (511) |
| Storm Drainage | | LS | -- | | -- | (74) |
| Site Imp(276) Demo() | | LS | -- | | -- | (276) |
| Information Systems | | LS | -- | | -- | (159) |
| Antiterrorism Measures | | LS | -- | | -- | (42) |
| ESTIMATED CONTRACT COST | | | | | | 11,370 |
| CONTINGENCY (5.00%) | | | | | | 569 |
| SUBTOTAL | | | | | | 11,939 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 681 |
| DESIGN/BUILD - DESIGN COST | | | | | | 478 |
| TOTAL REQUEST | | | | | | 13,098 |
| TOTAL REQUEST (ROUNDED) | | | | | | 13,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10. Description of Proposed Construction Construct a standard Barracks Complex. Primary facilities include barracks and a standard Company Operations Facility (COF) with covered hardstand, building information systems, fire protection and alarm systems, Intrusion Detection Systems (IDS) installation, and Energy Monitoring and Control Systems (EMCS) connection. Supporting facilities include site development, utilities, security lighting, paving, parking, walks, curb and gutters, storm drainage, site preparation, landscaping and signage. Anti-Terrorism/Force Protection measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standard will be provided. Heating and air conditioning will be by self-contained units. Access for persons with disabilities will be provided. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Comprehensive building and furnishings related interior design services are required. Air Conditioning (Estimated 352 kW/100 Tons). | | | | | | |
| 11. REQ: | | 10,030 PN | ADQT: 9,957 PN | | SUBSTD: | 60 PN |
| PROJECT: Construct barracks complex at Fort Bliss, Texas. (Current Mission) | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Fort Bliss, Texas

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Barracks Complex | 5. PROJECT NUMBER 73686 |
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9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|----------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| SDD and EPAct05 | LS | -- | -- | (178) |
| Building Information Systems | LS | -- | -- | (178) |
| | | | Total | 356 |

REQUIREMENT: This project is required to provide barracks that comply with the current Department of the Army standards for space, security, storage, and privacy for Soldiers stationed at Fort Bliss. This project will also provide operational facilities to station a Joint Land Attack Cruise Missile Defense Elevated Netted Sensor System (JLENS) Battery at Fort Bliss. Soldiers will develop and maintain operational skills to conduct 360 degree aerial and ground surveillance to detect, track, identify, and classify low-flying, small signature land attack cruise missile and support Joint Theater Air and Missile Defense (JTAMD) engagements. Maximum barracks utilization is 70 spaces. The intended use is for 50 junior enlisted Soldiers and 10 junior noncommissioned officers.

CURRENT SITUATION: Adequate existing facilities are not available to support the Soldiers that live and work at Fort Bliss, TX. The addition of a JLENS battery further compounds the problem of having to use substandard, aging facilities. Current barracks are deteriorating and are inadequate to support this mission in accordance with current standards.

IMPACT IF NOT PROVIDED: If this project is not provided, there will not be sufficient adequate permanent facilities to support the JLENS Stationing and Soldiers will continue to live and work out of temporary and/or relocatable buildings which have limited operational capabilities and limited useful life expectancies.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

During the past two years, \$9.6M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of

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| 1.COMONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE 10 FEB 2011 |
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3.INSTALLATION AND LOCATION

Fort Bliss, Texas

| | |
|---|-------------------------------|
| 4.PROJECT TITLE Barracks Complex | 5.PROJECT NUMBER 73686 |
|---|-------------------------------|

ADDITIONAL: (CONTINUED)

unaccompanied enlisted personnel housing at Fort Bliss, Texas. Upon completion of this multi-phased project and other projects approved through FY 2012, the remaining unaccompanied enlisted permanent party deficit is 0 personnel at this installation.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2009
- (b) Percent Complete As Of January 2011..... 15.00
- (c) Date 35% Designed..... JAN 2012
- (d) Date Design Complete..... JUL 2012
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-build

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Bliss

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

- (a) Production of Plans and Specifications..... 150
- (b) All Other Design Costs..... 300
- (c) Total Design Cost..... 450
- (d) Contract..... 300
- (e) In-house..... 150

(4) Construction Contract Award..... JAN 2012

(5) Construction Start..... APR 2012

(6) Construction Completion..... APR 2013

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Fort Bliss, Texas

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Barracks Complex | 5. PROJECT NUMBER 73686 |
|--|--------------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| NA | | | |

Installation Engineer: Andres Iglesias
Phone Number: 915-568-5949

| | | | | | | |
|--|-------------------------|--|--|---|------------------------|--|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Bliss Texas | | | 4. PROJECT TITLE Vehicle Maintenance Facility | | | |
| 5. PROGRAM ELEMENT 85796A | 6. CATEGORY CODE 214 | 7. PROJECT NUMBER 73688 | | 8. PROJECT COST (\$000) Auth 19,000 Approp 19,000 | | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | UNIT COST | COST (\$000) | |
| <u>PRIMARY FACILITY</u> | | | | | 14,385 | |
| Vehicle Maintenance Shop | | m2 (SF) | 3,344 (35,996) | 2,240 | (7,492) | |
| Company Operations Facility | | m2 (SF) | 1,364 (14,683) | 2,307 | (3,148) | |
| Covered Hardstand | | m2 (SF) | 216.28 (2,328) | 876.81 | (190) | |
| Organizational Vehicle Parking | | m2 (SF) | 26,869 (289,215) | 105.33 | (2,830) | |
| Organizational Storage | | m2 (SF) | 130.06 (1,400) | 1,149 | (149) | |
| Total from Continuation page | | | | | (576) | |
| <u>SUPPORTING FACILITIES</u> | | | | | 2,944 | |
| Electric Service | | LS | -- | -- | (1,044) | |
| Water, Sewer, Gas | | LS | -- | -- | (225) | |
| Paving, Walks, Curbs & Gutters | | LS | -- | -- | (247) | |
| Storm Drainage | | LS | -- | -- | (455) | |
| Site Imp(580) Demo(134) | | LS | -- | -- | (714) | |
| Information Systems | | LS | -- | -- | (235) | |
| Antiterrorism Measures | | LS | -- | -- | (24) | |
| ESTIMATED CONTRACT COST | | | | | 17,329 | |
| CONTINGENCY (5.00%) | | | | | 866 | |
| SUBTOTAL | | | | | 18,195 | |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | 1,037 | |
| TOTAL REQUEST | | | | | 19,232 | |
| TOTAL REQUEST (ROUNDED) | | | | | 19,000 | |
| INSTALLED EQT-OTHER APPROP | | | | | () | |
| 10. Description of Proposed Construction Construct facilities to station a Joint Land Attack Cruise Missile Defense Elevated Netted Sensor System (JLENS) Battery. Construct a standard design Tactical Equipment Maintenance Facility (TEMF) complex. Project includes one vehicle maintenance shop, organizational vehicle parking, Company Operations Facility (COF) with covered hardstand, organizational storage, oil and hazardous waste storage, building information systems, fire protection and alarm systems, Intrusion Detection System (IDS) installation, and Energy Monitoring and Control Systems (EMCS) connection. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include site development, utilities and connections, lighting, paving, parking, walks, curbs and gutters, storm drainage, information systems, landscaping and signage. Heating and air conditioning will be by self contained units. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. Demolish 4 buildings (TOTAL 2,079 m2/22,378 SF). Air Conditioning (Estimated 218 kW/62 Tons). | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION
Fort Bliss, Texas

| | |
|--|----------------------------|
| 4. PROJECT TITLE Vehicle Maintenance Facility | 5. PROJECT NUMBER 73688 |
|--|----------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|--------------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| Oil Storage Building | m2 (SF) | 66.89 (720) | 1,127 | (75) |
| Hazardous Waste Storage | m2 (SF) | 66.89 (720) | 905.99 | (61) |
| IDS Installation | LS | -- | -- | (29) |
| EMCS Connection | LS | -- | -- | (58) |
| SDD and EPAct05 | LS | -- | -- | (231) |
| Building Information Systems | LS | -- | -- | (122) |
| | | | Total | 576 |

11. REQ: 227,241 m2 ADQT: 73,579 m2 SUBSTD: 5,667 m2
PROJECT: Construct facilities to station a JLENS Battery at Fort Bliss, Texas. (Current Mission)

REQUIREMENT: This project will provide facilities to station a JLENS Battery at Fort Bliss. Soldiers will develop and maintain operational skills to conduct 360 degree aerial and ground surveillance to detect, track, identify, and classify low-flying, small signature land attack cruise missile and support Joint Theater Air and Missile Defense (JTAMD) engagements.

CURRENT SITUATION: Currently there are no excess facilities that can be utilized for this mission at Fort Bliss. Soldiers are working out of temporary and/or relocatable buildings.

IMPACT IF NOT PROVIDED: If this project is not provided, there will not be sufficient adequate permanent facilities to support the JLENS Stationing and Soldiers will continue to work out of temporary and/or relocatable buildings which have limited operational capabilities and limited useful life expectancies.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|----------------------------|------------------------------|-----------------|--|--------------|----------------------------|-----------------|-------------------------------|-----------------|--|------------|--|--|---|------------|---------------------------------|------------|----------------------------|------------|-------------------|------------|-------------------|------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 | | | | | | | | | | | | | | | | | | | | | | |
| 3. INSTALLATION AND LOCATION Fort Bliss, Texas | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. PROJECT TITLE Vehicle Maintenance Facility | 5. PROJECT NUMBER 73688 | | | | | | | | | | | | | | | | | | | | | | | |
| <p>12. SUPPLEMENTAL DATA:</p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr> <td>(a) Date Design Started.....</td> <td style="text-align: right;"><u>SEP 2009</u></td> </tr> <tr> <td>(b) Percent Complete As Of January 2011.....</td> <td style="text-align: right;"><u>35.00</u></td> </tr> <tr> <td>(c) Date 35% Designed.....</td> <td style="text-align: right;"><u>JAN 2011</u></td> </tr> <tr> <td>(d) Date Design Complete.....</td> <td style="text-align: right;"><u>OCT 2011</u></td> </tr> <tr> <td>(e) Parametric Cost Estimating Used to Develop Costs</td> <td style="text-align: right;"><u>YES</u></td> </tr> <tr> <td>(f) Type of Design Contract: Adapt-Build</td> <td></td> </tr> </table> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design: YES</p> <p>(b) Where Most Recently Used: Fort Bliss</p> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table border="0"> <tr> <td>(a) Production of Plans and Specifications.....</td> <td style="text-align: right;"><u>193</u></td> </tr> <tr> <td>(b) All Other Design Costs.....</td> <td style="text-align: right;"><u>481</u></td> </tr> <tr> <td>(c) Total Design Cost.....</td> <td style="text-align: right;"><u>674</u></td> </tr> <tr> <td>(d) Contract.....</td> <td style="text-align: right;"><u>481</u></td> </tr> <tr> <td>(e) In-house.....</td> <td style="text-align: right;"><u>193</u></td> </tr> </table> <p>(4) Construction Contract Award..... <u>JAN 2012</u></p> <p>(5) Construction Start..... <u>APR 2012</u></p> <p>(6) Construction Completion..... <u>OCT 2013</u></p> | | | (a) Date Design Started..... | <u>SEP 2009</u> | (b) Percent Complete As Of January 2011..... | <u>35.00</u> | (c) Date 35% Designed..... | <u>JAN 2011</u> | (d) Date Design Complete..... | <u>OCT 2011</u> | (e) Parametric Cost Estimating Used to Develop Costs | <u>YES</u> | (f) Type of Design Contract: Adapt-Build | | (a) Production of Plans and Specifications..... | <u>193</u> | (b) All Other Design Costs..... | <u>481</u> | (c) Total Design Cost..... | <u>674</u> | (d) Contract..... | <u>481</u> | (e) In-house..... | <u>193</u> |
| (a) Date Design Started..... | <u>SEP 2009</u> | | | | | | | | | | | | | | | | | | | | | | | |
| (b) Percent Complete As Of January 2011..... | <u>35.00</u> | | | | | | | | | | | | | | | | | | | | | | | |
| (c) Date 35% Designed..... | <u>JAN 2011</u> | | | | | | | | | | | | | | | | | | | | | | | |
| (d) Date Design Complete..... | <u>OCT 2011</u> | | | | | | | | | | | | | | | | | | | | | | | |
| (e) Parametric Cost Estimating Used to Develop Costs | <u>YES</u> | | | | | | | | | | | | | | | | | | | | | | | |
| (f) Type of Design Contract: Adapt-Build | | | | | | | | | | | | | | | | | | | | | | | | |
| (a) Production of Plans and Specifications..... | <u>193</u> | | | | | | | | | | | | | | | | | | | | | | | |
| (b) All Other Design Costs..... | <u>481</u> | | | | | | | | | | | | | | | | | | | | | | | |
| (c) Total Design Cost..... | <u>674</u> | | | | | | | | | | | | | | | | | | | | | | | |
| (d) Contract..... | <u>481</u> | | | | | | | | | | | | | | | | | | | | | | | |
| (e) In-house..... | <u>193</u> | | | | | | | | | | | | | | | | | | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Fort Bliss, Texas

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Vehicle Maintenance Facility | 5. PROJECT NUMBER 73688 |
|--|--------------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| NA | | | |

Installation Engineer: Andres Iglesias
Phone Number: 915-568-5949

| | | | | | | |
|---|--|--|----------------------------|--|---|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Bliss Texas | | | | 4. PROJECT TITLE JLENS Tactical Training Facility | | |
| 5. PROGRAM ELEMENT 85796A | | 6. CATEGORY CODE 171 | 7. PROJECT NUMBER 73690 | | 8. PROJECT COST (\$000) Auth 39,000 Approp 39,000 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 22,484 |
| Training Area Roads | | m2 (SY) | 210,641 (251,925) | | 40.07 | (8,440) |
| Training Pad | | m2 (SY) | 127,399 (152,368) | | 66.46 | (8,467) |
| Training Facilities | | m2 (SF) | 557.42 (6,000) | | 2,476 | (1,380) |
| Elec Power Distribution Lines | | km (MI) | 12.23 (7.60) | | 135,827 | (1,661) |
| Communication, Underground | | LS | -- | | -- | (399) |
| Total from Continuation page | | | | | | (2,137) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 13,012 |
| Electric Service | | LS | -- | | -- | (1,417) |
| Water, Sewer, Gas | | LS | -- | | -- | (1,954) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (2,362) |
| Storm Drainage | | LS | -- | | -- | (276) |
| Site Imp(6,767) Demo() | | LS | -- | | -- | (6,767) |
| Information Systems | | LS | -- | | -- | (236) |
| ESTIMATED CONTRACT COST | | | | | | 35,496 |
| CONTINGENCY (5.00%) | | | | | | 1,775 |
| SUBTOTAL | | | | | | 37,271 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 2,124 |
| TOTAL REQUEST | | | | | | 39,395 |
| TOTAL REQUEST (ROUNDED) | | | | | | 39,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10. Description of Proposed Construction Construct a Tactical Training Site for Joint Land Attack Cruise Missile Defense Elevated Netted Sensor System (JLENS). Primary facilities include training roads, training pads, training facilities, communications and electrical power distribution, and access roads. Project will also include fire protection and fire alarm systems, building information systems, and installation of Intrusion Detection Systems (IDS) within the training facilities. Supporting facilities include utilities and connections (water, sewer, electrical); security lighting; storm drainage; information systems; fencing; and site preparation. Anti-Terrorism/Force Protection (AT/FP) will be provided by mass notification, structural reinforcement, special windows and doors, and other site measures to secure perimeter and maintain stand-off distances. Access for persons with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Heating and air conditioning will be provided by self contained units. Air Conditioning (Estimated 70 kW/20 Tons). | | | | | | |
| 11. REQ: | | 1,556,387 m2 | ADQT: | 1,359,267 m2 | SUBSTD: | NONE |
| PROJECT: Construct a JLENS Tactical Training Site at Fort Bliss, Texas. | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Fort Bliss, Texas

| | |
|--|--------------------------------|
| 4. PROJECT TITLE JLENS Tactical Training Facility | 5. PROJECT NUMBER 73690 |
|--|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|------------------|--------------|-----------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| Access Roads | m2 (SY) | 31,043 (37,127) | 61.55 | (1,911) |
| IDS Installation | LS | -- | -- | (16) |
| SDD and EPAct05 | LS | -- | -- | (28) |
| Building Information Systems | LS | -- | -- | (182) |
| | | | Total | 2,137 |

PROJECT: (CONTINUED)

(Current Mission)

REQUIREMENT: This project is required to provide a Tactical Training Site for JLENS training. The Army will station the first 3 JLENS Batteries at Fort Bliss, TX. The first Battery is scheduled to arrive late 2013. Soldiers will develop and maintain operational skills to conduct 360 degree aerial and ground surveillance to detect, track, identify, and classify low-flying, small signature land attack cruise missile and support Joint Theater Air and Missile Defense (JTAMD) engagements. The requirement is for a full Battery Tactical site. This tactical site will support sustainment and training for three JLENS batteries stationed at Fort Bliss. Additionally, this site will support new equipment training for the fielding of the first four JLENS batteries. Furthermore, this tactical site will support an interim institutional replacement training strategy.

CURRENT SITUATION: Currently no training assets exist for this JLENS training requirement at Fort Bliss.

IMPACT IF NOT PROVIDED: If this project is not provided, Fort Bliss will not have a dedicated tactical training site for full JLENS battery operations and training. The missions (sustainment and training for three JLENS batteries stationed at Fort Bliss; new equipment training for the fielding of the first four JLENS batteries; interim institutional replacement training strategy) will be severely impacted. Soldiers will not be trained and the units will not be deployed with the skills necessary to fully maximize JLENS capabilities.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in

| | | |
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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Fort Bliss, Texas | | |
| 4. PROJECT TITLE JLENS Tactical Training Facility | 5. PROJECT NUMBER 73690 | |
| ADDITIONAL: <u>(CONTINUED)</u> | | |
| accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders. | | |
| 12. <u>SUPPLEMENTAL DATA:</u> | | |
| A. Estimated Design Data: | | |
| (1) Status: | | |
| (a) Date Design Started..... | | <u>JUN 2010</u> |
| (b) Percent Complete As Of January 2011..... | | <u>35.00</u> |
| (c) Date 35% Designed..... | | <u>JAN 2011</u> |
| (d) Date Design Complete..... | | <u>OCT 2011</u> |
| (e) Parametric Cost Estimating Used to Develop Costs | | <u>YES</u> |
| (f) Type of Design Contract: Design-bid-build | | |
| (2) Basis: | | |
| (a) Standard or Definitive Design: NO | | |
| (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000) | | |
| (a) Production of Plans and Specifications..... | | <u>1,521</u> |
| (b) All Other Design Costs..... | | <u>1,901</u> |
| (c) Total Design Cost..... | | <u>3,422</u> |
| (d) Contract..... | | <u>1,901</u> |
| (e) In-house..... | | <u>1,521</u> |
| (4) Construction Contract Award..... | | |
| (5) Construction Start..... | | |
| (6) Construction Completion..... | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Bliss, Texas

| | |
|--|--------------------------------|
| 4. PROJECT TITLE JLENS Tactical Training Facility | 5. PROJECT NUMBER 73690 |
|--|--------------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| NA | | | |

Installation Engineer: Andres Iglesias
Phone Number: 915-568-5949

| | | | | | | |
|---|--|--|----------------------------|---|---|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Bliss Texas | | | | 4. PROJECT TITLE Water Well, Potable | | |
| 5. PROGRAM ELEMENT 85796A | | 6. CATEGORY CODE 841 | 7. PROJECT NUMBER 74845 | | 8. PROJECT COST (\$000) Auth 2,400 Approp 2,400 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 1,135 |
| Water Well | | kg (TON) | 1,584 (1.75) | | 517.81 | (820) |
| Water Storage Tank | | L (GA) | 2839059 (750,000) | | .11 | (315) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 948 |
| Electric Service | | LS | -- | | -- | (620) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (236) |
| Site Imp(92) Demo() | | LS | -- | | -- | (92) |
| ESTIMATED CONTRACT COST | | | | | | 2,083 |
| CONTINGENCY (5.00%) | | | | | | 104 |
| SUBTOTAL | | | | | | 2,187 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 125 |
| DESIGN/BUILD - DESIGN COST | | | | | | 87 |
| TOTAL REQUEST | | | | | | 2,399 |
| TOTAL REQUEST (ROUNDED) | | | | | | 2,400 |
| INSTALLED EQT-OTHER APPROP | | | | | | (0) |
| 10. Description of Proposed Construction Construct a water well field to draw upon shallow brackish water. The project will consist of a large capacity, 10-inch water well, a 750,000 gallon above ground storage tank (AST), as well as ancillary piping, overhead utility lines, and a 4000-foot access road on approximately four acres of land. | | | | | | |
| 11. REQ: | | 5,996 L/d ADQT: | | NONE | | SUBSTD: NONE |
| PROJECT: Construct a water well field at Dona Ana Range Camp at Fort Bliss, Texas. (Current Mission) | | | | | | |
| REQUIREMENT: This project is urgently needed to support fire protection/suppression requirements for newly constructed ranges and future ranges. Providing a viable water source in close proximity to the training ranges is required to mitigate/lessen the risk of fire loss at these valuable facilities. The three brackish water wells and supporting storage tank will be used as the most effective way to suppress fires that pose a threat to training facilities and the Soldiers training at the facilities. With the storage distribution system in place, the fire department can expect to have the capability to establish an uninterrupted water supply and meet the fire flow water requirements necessary for structural fire fighting in remote | | | | | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Bliss, Texas

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Water Well, Potable | 5. PROJECT NUMBER 74845 |
|---|--------------------------------|

REQUIREMENT: (CONTINUED)

areas of the installation.

CURRENT SITUATION: Currently fire suppression water is delivered to the scene in a Fire Department tanker and wildland fire fighting vehicles that are located at Ft. Bliss and McGregor Range Camp, in some cases up to 40 miles away. The Fire Department performs wildland fire-fighting operations in these outlying/remote areas of the installation, utilizing response plans and standard operating procedures that specify the roles and responsibilities of personnel and their authorized functions. Property loss (facilities/equipment) potential is magnified due to direct exposure to the dry wildland fuels located in these areas.

IMPACT IF NOT PROVIDED: If this project is not provided, there will not be adequate fire protection/ suppression water for recently constructed ranges and future ranges. One fire at any of the ranges could initiate a brush fire resulting in the burning of thousands of acres of training/maneuver area.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... FEB 2011
 - (b) Percent Complete As Of January 2011..... .00
 - (c) Date 35% Designed..... JAN 2012
 - (d) Date Design Complete..... JUN 2012
 - (e) Parametric Cost Estimating Used to Develop Costs NO
 - (f) Type of Design Contract: Design-build

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

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 54
 - (b) All Other Design Costs..... 105
 - (c) Total Design Cost..... 159
 - (d) Contract..... 72

| | | |
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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Bliss, Texas

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Water Well, Potable | 5. PROJECT NUMBER 74845 |
|---|--------------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

| | |
|--------------------------------------|-----------------|
| (e) In-house..... | 87 |
| (4) Construction Contract Award..... | <u>JAN 2012</u> |
| (5) Construction Start..... | <u>APR 2012</u> |
| (6) Construction Completion..... | <u>APR 2013</u> |

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

| <u>Equipment</u> <u>Nomenclature</u> | <u>Procuring</u> <u>Appropriation</u> | <u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u> | <u>Cost</u> <u>(\$000)</u> |
|---|--|--|-------------------------------|
| NONE | | | |

Installation Engineer: Andres Iglesias
Phone Number: 915-568-5949

| | | | | | | |
|---|-------------------------|--|---|------------------------|--------------|------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | 2. DATE 10 FEB 2011 | | |
| 3. INSTALLATION AND LOCATION Fort Bliss Texas | | | 4. PROJECT TITLE Applied Instruction Building | | | |
| 5. PROGRAM ELEMENT 85796A | 6. CATEGORY CODE 171 | 7. PROJECT NUMBER 77489 | 8. PROJECT COST (\$000) Auth 8,300 Approp 8,300 | | | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | UNIT COST | COST (\$000) | |
| <u>PRIMARY FACILITY</u> | | | | | 6,266 | |
| Aircraft Maint Instruction Bldg | | m2 (SF) | 2,044 (22,000) | 2,908 | (5,943) | |
| IDS Installation | | LS | -- | -- | (15) | |
| EMCS Connection | | LS | -- | -- | (31) | |
| SDD and EPAct05 | | LS | -- | -- | (124) | |
| Building Information Systems | | LS | -- | -- | (153) | |
| <u>SUPPORTING FACILITIES</u> | | | | | 959 | |
| Electric Service | | LS | -- | -- | (326) | |
| Water, Sewer, Gas | | LS | -- | -- | (30) | |
| Paving, Walks, Curbs & Gutters | | LS | -- | -- | (364) | |
| Storm Drainage | | LS | -- | -- | (22) | |
| Site Imp(19) Demo() | | LS | -- | -- | (19) | |
| Information Systems | | LS | -- | -- | (196) | |
| Antiterrorism Measures | | LS | -- | -- | (2) | |
| ESTIMATED CONTRACT COST | | | | | 7,225 | |
| CONTINGENCY (5.00%) | | | | | 361 | |
| SUBTOTAL | | | | | 7,586 | |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | 432 | |
| DESIGN/BUILD - DESIGN COST | | | | | 303 | |
| TOTAL REQUEST | | | | | 8,321 | |
| TOTAL REQUEST (ROUNDED) | | | | | 8,300 | |
| INSTALLED EQT-OTHER APPROP | | | | | () | |
| 10. Description of Proposed Construction Construct an Aircraft Maintenance (Applied) Instruction facility that will support the Joint Land Attack Cruise Missile Defense Elevated Netted Sensor System (JLENS). The instruction facility includes instruction areas, and open bay area for hands-on training. Primary facilities include building information systems, fire protection and alarm systems, and Energy Monitoring and Control Systems (EMCS) connection. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include site development, utilities and connections, lighting, paving, parking, walks, curbs and gutters, storm drainage, information systems, landscaping and signage. Heating and air conditioning will be provided by self contained units. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. Air Conditioning (Estimated 176 kW/50 Tons). | | | | | | |
| 11. REQ: | | 2,044 m2 | ADQT: | NONE | SUBSTD: | NONE |
| PROJECT: Construct an Applied Instruction Facility at Fort Bliss, Texas. | | | | | | |

| | | | | | | | | | | | | | | |
|---|--|----------------------------|------------------------------|-----------------|--|--------------|----------------------------|-----------------|-------------------------------|-----------------|--|------------|---|--|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 | | | | | | | | | | | | |
| 3. INSTALLATION AND LOCATION Fort Bliss, Texas | | | | | | | | | | | | | | |
| 4. PROJECT TITLE Applied Instruction Building | 5. PROJECT NUMBER 77489 | | | | | | | | | | | | | |
| <p>PROJECT: (CONTINUED) (Current Mission)</p> <p><u>REQUIREMENT:</u> This project will provide a facility that will allow three JLENS Batteries stationed at Fort Bliss to conduct system specific training (individual and collective). Soldiers will develop and maintain critical Military Occupational Speciality (MOS) specific skill levels to conduct their unit mission: to provide elevated, persistent, over the horizon surveillance and fire control support on Army and Joint networks enabling protection of the U.S. and coalition forces as well as critical geo political assets. This one facility will be shared by three JLENS Batteries to support all Annual Sustainment and Crew Certification Training, New Equipment Training (NET) in support of the approved fielding schedule and the Interim Institutional Training Strategy that will be executed at Fort Bliss, TX.</p> <p><u>CURRENT SITUATION:</u> Currently no excess training assets exist at Fort Bliss that will facilitate, or support this unique training requirement.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, there will not be sufficient, or adequate facilities at Fort Bliss to support the JLENS training mission. Soldiers will not be trained and the units will not be deployed with the skills necessary to fully maximize JLENS capabilities. Training in temporary, and/or relocatable buildings which have limited operational capabilities and limited useful life expectancies will not provide adequate training.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p> | | | | | | | | | | | | | | |
| <p>12. <u>SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr> <td>(a) Date Design Started.....</td> <td><u>AUG 2010</u></td> </tr> <tr> <td>(b) Percent Complete As Of January 2011.....</td> <td><u>15.00</u></td> </tr> <tr> <td>(c) Date 35% Designed.....</td> <td><u>JAN 2012</u></td> </tr> <tr> <td>(d) Date Design Complete.....</td> <td><u>SEP 2012</u></td> </tr> <tr> <td>(e) Parametric Cost Estimating Used to Develop Costs</td> <td><u>YES</u></td> </tr> <tr> <td>(f) Type of Design Contract: Design-build</td> <td></td> </tr> </table> | | | (a) Date Design Started..... | <u>AUG 2010</u> | (b) Percent Complete As Of January 2011..... | <u>15.00</u> | (c) Date 35% Designed..... | <u>JAN 2012</u> | (d) Date Design Complete..... | <u>SEP 2012</u> | (e) Parametric Cost Estimating Used to Develop Costs | <u>YES</u> | (f) Type of Design Contract: Design-build | |
| (a) Date Design Started..... | <u>AUG 2010</u> | | | | | | | | | | | | | |
| (b) Percent Complete As Of January 2011..... | <u>15.00</u> | | | | | | | | | | | | | |
| (c) Date 35% Designed..... | <u>JAN 2012</u> | | | | | | | | | | | | | |
| (d) Date Design Complete..... | <u>SEP 2012</u> | | | | | | | | | | | | | |
| (e) Parametric Cost Estimating Used to Develop Costs | <u>YES</u> | | | | | | | | | | | | | |
| (f) Type of Design Contract: Design-build | | | | | | | | | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|----------------------|--|------------------------|

3. INSTALLATION AND LOCATION
Fort Bliss, Texas

| | |
|--|----------------------------|
| 4. PROJECT TITLE Applied Instruction Building | 5. PROJECT NUMBER 77489 |
|--|----------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (2) Basis:
 - (a) Standard or Definitive Design: NO
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 192
 - (b) All Other Design Costs..... 384
 - (c) Total Design Cost..... 576
 - (d) Contract..... 384
 - (e) In-house..... 192
- (4) Construction Contract Award..... JAN 2012
- (5) Construction Start..... APR 2012
- (6) Construction Completion..... OCT 2013

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| NA | | | |

Installation Engineer: Andres Iglesias
Phone Number: 915-568-5949

| | | | | | | | |
|---|---------------------------------------|--|---|---------|--------|---|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | | | | | | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Fort Hood Texas | | | 4. COMMAND US Army Installation Management Command | | | 5. AREA CONSTRUCTION COST INDEX 0.86 | |
| 6. PERSONNEL STRENGTH: | | | | | | | |
| | PERMANENT | | STUDENTS | | | SUPPORTED | |
| | OFFICER | ENLIST | CIVIL | OFFICER | ENLIST | CIVIL | TOTAL |
| A. AS OF 05 NOV 2010 | 6138 | 39367 | 4423 | 3 | 441 | 0 | 773 2518 14764 68,427 |
| B. END FY 2016 | 5927 | 36686 | 4774 | 0 | 302 | 0 | 830 2651 12948 64,118 |
| 7. INVENTORY DATA (\$000) | | | | | | | |
| A. TOTAL AREA..... | 92,995 ha | | (229,794 AC) | | | | |
| B. INVENTORY TOTAL AS OF 31 DEC 2010..... | | | | | | | 10,449,849 |
| C. AUTHORIZATION NOT YET IN INVENTORY..... | | | | | | | 1,276,335 |
| D. AUTHORIZATION REQUESTED IN THE FY 2012 PROGRAM..... | | | | | | | 132,000 |
| E. AUTHORIZATION INCLUDED IN THE FY 2013 PROGRAM..... | | | | | | | 27,500 |
| F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY)..... | | | | | | | 0 |
| G. REMAINING DEFICIENCY..... | | | | | | | 3,271,318 |
| H. GRAND TOTAL..... | | | | | | | 15,157,002 |
| 8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2012 PROGRAM: | | | | | | | |
| CATEGORY | PROJECT | | | | | COST | DESIGN STATUS |
| CODE | NUMBER | PROJECT TITLE | | | | (\$000) | START COMPLETE |
| 721 | 65374 | Operational Readiness Training Complex | | | | 51,000 | 08/2010 09/2012 |
| 211 | 69828 | Unmanned Aerial Vehicle Maintenance Hangar | | | | 47,000 | 10/2010 10/2011 |
| 214 | 71682 | Vehicle Maintenance Facility | | | | 15,500 | 10/2010 10/2011 |
| 214 | 77187 | Vehicle Maintenance Facility | | | | 18,500 | 10/2010 10/2011 |
| TOTAL | | | | | | 132,000 | |
| 9. FUTURE PROJECT APPROPRIATIONS: | | | | | | | |
| CATEGORY | | | | | | COST | |
| CODE | | PROJECT TITLE | | | | (\$000) | |
| A. INCLUDED IN THE FY 2013 PROGRAM: | | | | | | | |
| 178 | | Modified Record Fire Range | | | | 3,500 | |
| 141 | | Training Support Center | | | | 24,000 | |
| TOTAL | | | | | | 27,500 | |
| B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE | | | | | | | |
| C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): N/A | | | | | | | |
| 10. MISSION OR MAJOR FUNCTIONS: | | | | | | | |
| Provide the nation's Armed Forces with a sustaining base and a power projection platform, in support of National Objectives. Major functions include: Support and enable operational and training requirements of Maneuver units, support basic and advanced skill training for new Soldiers; exercise command and control; provide for public safety and security; provide sound stewardship of installation resources and the environment; provide services/programs to enable readiness; execute community and family support services and programs; maintain and improve installation infrastructure. | | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | 2. DATE 10 FEB 2011 |
|----------------------|---------------------------------------|------------------------|

INSTALLATION AND LOCATION: Fort Hood, Texas

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

| | |
|-----------------------------------|---------|
| | (\$000) |
| A. AIR POLLUTION | 0 |
| B. WATER POLLUTION | 0 |
| C. OCCUPATIONAL SAFETY AND HEALTH | 0 |

| | | | | | | |
|---|--|--|--|------|--|--------------|
| 1.COMONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2.DATE 10 FEB 2011 | |
| 3.INSTALLATION AND LOCATION Fort Hood Texas | | | 4.PROJECT TITLE Operational Readiness Training Complex | | | |
| 5.PROGRAM ELEMENT 22096A | | 6.CATEGORY CODE 721 | 7.PROJECT NUMBER 65374 | | 8.PROJECT COST (\$000) Auth 51,000 Approp 51,000 | |
| 9.COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 31,775 |
| Barracks, Transient Training | | m2 (SF) | 11,583 (124,680) | | 1,499 | (17,364) |
| Battalion HQs, Trans Training | | m2 (SF) | 1,065 (11,462) | | 1,506 | (1,604) |
| Transient Senior Officers Qtr | | m2 (SF) | 2,140 (23,031) | | 1,757 | (3,760) |
| Dining Facility, Trans Training | | m2 (SF) | 1,970 (21,202) | | 3,038 | (5,983) |
| Special Foundations | | LS | -- | | -- | (1,070) |
| Total from Continuation page | | | | | | (1,994) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 12,926 |
| Electric Service | | LS | -- | | -- | (2,818) |
| Water, Sewer, Gas | | LS | -- | | -- | (4,129) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (1,823) |
| Storm Drainage | | LS | -- | | -- | (965) |
| Site Imp(2,244) Demo(205) | | LS | -- | | -- | (2,449) |
| Information Systems | | LS | -- | | -- | (644) |
| Antiterrorism Measures | | LS | -- | | -- | (98) |
| ESTIMATED CONTRACT COST | | | | | | 44,701 |
| CONTINGENCY (5.00%) | | | | | | 2,235 |
| SUBTOTAL | | | | | | 46,936 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 2,675 |
| DESIGN/BUILD - DESIGN COST | | | | | | 1,877 |
| TOTAL REQUEST | | | | | | 51,488 |
| TOTAL REQUEST (ROUNDED) | | | | | | 51,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | (1,212) |
| 10.Description of Proposed Construction Construct a standard Operational Readiness Training Complex. Primary facilities include transient Battalion Headquarters, transient Officers Quarters, Barracks to house transient Soldiers, and transient dining facility. Work includes installation of Intrusion Detection Systems (IDS), mass notifications systems, fire protection and alarm systems, special foundations, connection to Energy Monitoring and Control System (EMCS) and building information systems. Supporting facilities include utilities and connections to electric service; water, sewer, gas; paving, walks, curbs and gutters; parking; storm drainage; site improvements, and landscaping. Heating and air conditioning will be provided by self-contained systems. Access for individuals with disabilities will be provided. Anti-terrorism/force protection measures include building setbacks, bollards, signage and perimeter lighting. Comprehensive building and furnishings interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Demolish 12 buildings (TOTAL 4,761 m2/51,248 SF). Air Conditioning (Estimated 2,736 kW/778 Tons). | | | | | | |
| 11. REQ: | | 4,512 PN | ADQT: | NONE | SUBSTD: | 2,166 PN |
| PROJECT: Construct a standard Operational Readiness Training Complex at Fort | | | | | | |

| | | |
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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Hood, Texas

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Operational Readiness Training Complex | 5. PROJECT NUMBER 65374 |
|--|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|----------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| IDS Installation | LS | -- | -- | (29) |
| EMCS Connection | LS | -- | -- | (146) |
| SDD and EPAct05 | LS | -- | -- | (874) |
| Building Information Systems | LS | -- | -- | (945) |
| | | | Total | 1,994 |

PROJECT: (CONTINUED)

Hood, Texas. (Current Mission)

REQUIREMENT: There is an immediate need for adequate facilities to support Reserve Component Training, Mobilization, Deployment, and Demobilization missions and to ensure the Operational Readiness of Reserve Component Soldiers. The requirement is to use installations as Power Projection Platforms for Reserve Component and Active Component unit training and rotations in support of contingency operations. There are large numbers of transient Soldiers from active Army, Army Reserve, and National Guard who are mobilizing and demobilizing, conducting annual training exercises, and in Medical Holdover status who simultaneously require facilities and are straining the already badly decayed infrastructure.

CURRENT SITUATION: The installation has only makeshift facilities, and WWII substandard facilities to accommodate this requirement. The installation is accommodating transient Soldiers and their equipment in a combination of badly deteriorated temporary facilities and inadequate semi-permanent facilities that are ready for demolition. Many of these facilities are open bay, un-airconditioned, and without attached latrines. Additionally off post rented hotel rooms are being used.

IMPACT IF NOT PROVIDED: If this project is not provided, transient units will continue to be housed in inadequate facilities on post and off post in leased hotels at varying distances from the cantonment thereby causing unnecessary hardships and negatively impacting the ability to house, feed, maintain, and train Soldiers. The impact on Soldiers' morale will be detrimental, contributing to recruitment and retention difficulties.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

| | | |
|-------------------------|--|---------------------------|
| 1.COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE 10 FEB 2011 |
|-------------------------|--|---------------------------|

3.INSTALLATION AND LOCATION

Fort Hood, Texas

| | |
|---|-------------------------------|
| 4.PROJECT TITLE Operational Readiness Training Complex | 5.PROJECT NUMBER 65374 |
|---|-------------------------------|

ADDITIONAL: (CONTINUED)

Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
 - (1) Status:
 - (a) Date Design Started..... AUG 2010
 - (b) Percent Complete As Of January 2011..... 15.00
 - (c) Date 35% Designed..... JAN 2012
 - (d) Date Design Complete..... SEP 2012
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-build
 - (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Carson
 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 944
 - (b) All Other Design Costs..... 1,415
 - (c) Total Design Cost..... 2,359
 - (d) Contract..... 1,415
 - (e) In-house..... 944
 - (4) Construction Contract Award..... JAN 2012
 - (5) Construction Start..... APR 2012
 - (6) Construction Completion..... APR 2014

| | | |
|----------------------|--|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|----------------------|--|------------------------|

3. INSTALLATION AND LOCATION
Fort Hood, Texas

| | |
|--|----------------------------|
| 4. PROJECT TITLE Operational Readiness Training Complex | 5. PROJECT NUMBER 65374 |
|--|----------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| Equipment | OPA | 2013 | 316 |
| IDS Equipment | OPA | 2013 | 20 |
| Info Sys - ISC | OPA | 2013 | 876 |
| | | TOTAL | <u>1,212</u> |

Installation Engineer: Col Brian Dosa
Phone Number: 254-287-5707

| | | | | | | |
|--|--|--|---|------|---|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Hood Texas | | | 4. PROJECT TITLE Unmanned Aerial Vehicle Maintenance Hangar | | | |
| 5. PROGRAM ELEMENT 22096A | | 6. CATEGORY CODE 211 | 7. PROJECT NUMBER 69828 | | 8. PROJECT COST (\$000) Auth 47,000 Approp 47,000 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 34,012 |
| UAS Maintenance Hangar | | m2 (SF) | 12,402 (133,498) | | 2,062 | (25,570) |
| Entrance Control Point | | LS | -- | | -- | (2,630) |
| Special Foundations | | LS | -- | | -- | (1,434) |
| Airfield Aprons | | m2 (SY) | 33,060 (39,540) | | 107.29 | (3,547) |
| Wash Pad | | m2 (SY) | 551.84 (660) | | 64.18 | (35) |
| Total from Continuation page | | | | | | (796) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 8,764 |
| Electric Service | | LS | -- | | -- | (542) |
| Water, Sewer, Gas | | LS | -- | | -- | (861) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (2,231) |
| Storm Drainage | | LS | -- | | -- | (455) |
| Site Imp(4,366) Demo() | | LS | -- | | -- | (4,366) |
| Information Systems | | LS | -- | | -- | (161) |
| Antiterrorism Measures | | LS | -- | | -- | (148) |
| ESTIMATED CONTRACT COST | | | | | | 42,776 |
| CONTINGENCY (5.00%) | | | | | | 2,139 |
| SUBTOTAL | | | | | | 44,915 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 2,560 |
| TOTAL REQUEST | | | | | | 47,475 |
| TOTAL REQUEST (ROUNDED) | | | | | | 47,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10. Description of Proposed Construction Construct a standard design Tactical Unmanned Aerial Systems (UAS) Maintenance Hangar. Primary facilities include the hangar, entrance control point; parking apron; aircraft apron wash pad, building information systems; fire alarm and fire suppression systems; Intrusion Detection Systems (IDS) installation; and Energy Monitoring and Control System (EMCS) connections. Supporting facilities include electrical, water, sanitary sewer, and gas utilities, paving, parking, walks, curbs and gutters, storm drainage, security lighting and fencing, site improvements, and information systems. Heating will be provided by self-contained systems. Access for persons with disabilities will be provided. Anti-Terrorism/ Force Protection (AT/FP) measures will be provided. Heating and air conditioning will be provided by self contained units. Comprehensive building and furnishings related design services are required. Special foundation work is required due to expansive soils. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Air Conditioning (Estimated 302 kW/86 Tons). | | | | | | |
| 11. REQ: | | 12,717 m2 | ADQT: | NONE | SUBSTD: | NONE |
| PROJECT: Construct a standard design UAS Maintenance Hangar at Fort Hood, Texas. (Current Mission) | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Fort Hood, Texas

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Unmanned Aerial Vehicle Maintenance Hangar | 5. PROJECT NUMBER 69828 |
|--|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|----------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| IDS Installation | LS | -- | -- | (29) |
| EMCS Connection | LS | -- | -- | (80) |
| SDD and EPAct05 | LS | -- | -- | (516) |
| Building Information Systems | LS | -- | -- | (171) |
| | | | Total | 796 |

REQUIREMENT: This project is required to provide facilities for fielding an Extended Range/Multipurpose (ERMP) Unmanned Aircraft System (UAS) Company. This will allow the ERMP UAS to provide the capability to perform reconnaissance, surveillance, communications and target acquisition. These facilities are required to provide aircraft maintenance, repair, storage; as well as administration of company operations.

CURRENT SITUATION: Unmanned Aerial Systems (UAS) maintenance and storage activities must compete with rotary wing and fixed wing aircraft for hangar space. There is no dedicated Unmanned Aerial Systems (UAS) Hangar and/or maintenance space at Fort Hood, TX.

IMPACT IF NOT PROVIDED: If this project is not provided, the Unmanned Aerial Systems (UAS) mission on Fort Hood will continue to lack adequate maintenance and storage space. Inadequate storage and maintenance space will place sensitive avionics equipment at risk for higher wear-and-tear and premature failure.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Fort Hood, Texas

| | |
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| 4. PROJECT TITLE Unmanned Aerial Vehicle Maintenance Hangar | 5. PROJECT NUMBER 69828 |
|--|--------------------------------|

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... OCT 2010
 - (b) Percent Complete As Of January 2011..... 15.00
 - (c) Date 35% Designed..... MAR 2011
 - (d) Date Design Complete..... OCT 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build

 - (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Stewart

 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 1,835
 - (b) All Other Design Costs..... 2,293
 - (c) Total Design Cost..... 4,128
 - (d) Contract..... 2,293
 - (e) In-house..... 1,835

 - (4) Construction Contract Award..... JAN 2012
 - (5) Construction Start..... APR 2012
 - (6) Construction Completion..... APR 2014

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

| <u>Equipment</u> | <u>Procuring</u> | <u>Fiscal Year</u> | <u>Cost</u> |
|---------------------|----------------------|---------------------|---------------------|
| <u>Nomenclature</u> | <u>Appropriation</u> | <u>Appropriated</u> | <u>Or Requested</u> |
| | | <u>Or Requested</u> | <u>(\$000)</u> |
| | NA | | |

Installation Engineer: COL. Brian Dosa
Phone Number: 254-287-5707

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|--|-------------------------|--|---|------------------------|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Hood Texas | | | 4. PROJECT TITLE Vehicle Maintenance Facility | | |
| 5. PROGRAM ELEMENT 22096A | 6. CATEGORY CODE 214 | 7. PROJECT NUMBER 71682 | 8. PROJECT COST (\$000) Auth 15,500 Approp 15,500 | | |
| 9. COST ESTIMATES | | | | | |
| ITEM | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | 10,367 |
| Vehicle Maintenance Shop | m2 (SF) | 1,706 (18,360) | | 2,164 | (3,691) |
| Company Operations Facilities | m2 (SF) | 1,096 (11,798) | | 2,041 | (2,237) |
| Covered Hardstand | m2 (SF) | 155.24 (1,671) | | 781.46 | (121) |
| Organizational Vehicle Parking | m2 (SY) | 11,613 (13,889) | | 104.31 | (1,211) |
| Organizational Storage | m2 (SF) | 143.07 (1,540) | | 993.41 | (142) |
| Total from Continuation page | | | | | (2,965) |
| <u>SUPPORTING FACILITIES</u> | | | | | 3,818 |
| Electric Service | LS | -- | | -- | (659) |
| Water, Sewer, Gas | LS | -- | | -- | (855) |
| Steam And/Or Chilled Water Dist | LS | -- | | -- | (57) |
| Paving, Walks, Curbs & Gutters | LS | -- | | -- | (673) |
| Storm Drainage | LS | -- | | -- | (423) |
| Site Imp(869) Demo() | LS | -- | | -- | (869) |
| Information Systems | LS | -- | | -- | (277) |
| Antiterrorism Measures | LS | -- | | -- | (5) |
| ESTIMATED CONTRACT COST | | | | | 14,185 |
| CONTINGENCY (5.00%) | | | | | 709 |
| SUBTOTAL | | | | | 14,894 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | 849 |
| TOTAL REQUEST | | | | | 15,743 |
| TOTAL REQUEST (ROUNDED) | | | | | 15,500 |
| INSTALLED EQT-OTHER APPROP | | | | | () |
| 10. Description of Proposed Construction Construct standard design unit operations facilities. Project includes standard design company operations with covered hardstand, vehicle maintenance shop, organizational vehicle parking, organizational storage, oil and hazardous waste storage, elevated water storage, utility feeder extension, fire protection and fire alarm systems, building information systems, Intrusion Detection Systems (IDS) installation, and Energy Monitoring and Control System (EMCS) connections. Supporting facilities include electrical, water, sanitary sewer, and gas utilities; paving, parking, walks, curbs, and gutters; storm drainage; information systems; landscaping and site improvements. Special foundation work is required due to expansive and rocky soils. Heating and air conditioning will be provided by self-contained systems. Anti-Terrorism/Force Protection (AT/FP) will be provided by mass notification, structural reinforcement, special windows and doors, high curbing, and other site measures to secure perimeter and maintain stand-off distances. Access for persons with disabilities will be provided. Comprehensive interior and furnishings related design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Air Conditioning (Estimated 278 kW/79 Tons). | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Fort Hood, Texas

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Vehicle Maintenance Facility | 5. PROJECT NUMBER 71682 |
|--|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|--------------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| Oil Storage Building | m2 (SF) | 16.72 (180) | 1,156 | (19) |
| Hazardous Waste Storage | m2 (SF) | 16.72 (180) | 929.19 | (16) |
| Elevated Water Storage Tank | LS | -- | -- | (1,404) |
| Feeder Extension Work | LS | -- | -- | (803) |
| Special Foundations | LS | -- | -- | (240) |
| IDS Installation | LS | -- | -- | (15) |
| EMCS Connection | LS | -- | -- | (30) |
| SDD and EPAct05 | LS | -- | -- | (121) |
| Building Information Systems | LS | -- | -- | (317) |
| | | | Total | 2,965 |

11. REQ: 246,833 m2 ADQT: 201,886 m2 SUBSTD: 19,377 m2
PROJECT: Construct standard design company operations and tactical equipment maintenance facilities for a Terminal High Altitude Area Defense (THAAD) Battery at Fort Hood, Texas. (Current Mission)
REQUIREMENT: This requirement is needed to support the troop increase requested by the Secretary of Defense as part of the "Grow the Army" (GTA) initiative for the Army. This project supports a THAAD Battery at Fort Hood.
CURRENT SITUATION: All existing adequate facilities are being fully utilized to support current operations as well as Army Modularity and Global Defense Posture Realignment (GDPR) initiatives.
IMPACT IF NOT PROVIDED: If this project is not provided, there will not be permanent facility space to support the stationing of a THAAD Battery.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Hood, Texas

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Vehicle Maintenance Facility | 5. PROJECT NUMBER 71682 |
|--|--------------------------------|

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... OCT 2010
 - (b) Percent Complete As Of January 2011..... 10.00
 - (c) Date 35% Designed..... MAR 2011
 - (d) Date Design Complete..... OCT 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Adapt-Build

- (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Hood

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 226
 - (b) All Other Design Costs..... 226
 - (c) Total Design Cost..... 452
 - (d) Contract..... 226
 - (e) In-house..... 226

- (4) Construction Contract Award..... JAN 2012
- (5) Construction Start..... APR 2012
- (6) Construction Completion..... OCT 2013

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

| <u>Equipment</u> | <u>Procuring</u> | <u>Fiscal Year</u> | <u>Cost</u> |
|---------------------|----------------------|---------------------|---------------------|
| <u>Nomenclature</u> | <u>Appropriation</u> | <u>Appropriated</u> | <u>Or Requested</u> |
| | | | <u>(\$000)</u> |

NA

Installation Engineer: COL Brian Dosa
Phone Number: 254-287-5707

| | | | | | | |
|---|--|--|----------------------------|--|---|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Hood Texas | | | | 4. PROJECT TITLE Vehicle Maintenance Facility | | |
| 5. PROGRAM ELEMENT 22096A | | 6. CATEGORY CODE 214 | 7. PROJECT NUMBER 77187 | | 8. PROJECT COST (\$000) Auth 18,500 Approp 18,500 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 11,671 |
| Vehicle Maintenance Shop | | m2 (SF) | 1,706 (18,360) | | 2,164 | (3,691) |
| Company Operations Facilities | | m2 (SF) | 1,096 (11,798) | | 2,041 | (2,237) |
| Covered Hardstand | | m2 (SF) | 155.24 (1,671) | | 781.46 | (121) |
| Organizational Vehicle Parking | | m2 (SY) | 11,613 (13,889) | | 104.31 | (1,211) |
| Oil Storage Building | | m2 (SF) | 16.72 (180) | | 1,156 | (19) |
| Total from Continuation page | | | | | | (4,392) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 4,995 |
| Electric Service | | LS | -- | | -- | (918) |
| Water, Sewer, Gas | | LS | -- | | -- | (238) |
| Steam And/Or Chilled Water Dist | | LS | -- | | -- | (57) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (681) |
| Storm Drainage | | LS | -- | | -- | (555) |
| Site Imp(2,248) Demo() | | LS | -- | | -- | (2,248) |
| Information Systems | | LS | -- | | -- | (268) |
| Antiterrorism Measures | | LS | -- | | -- | (30) |
| ESTIMATED CONTRACT COST | | | | | | 16,666 |
| CONTINGENCY (5.00%) | | | | | | 833 |
| SUBTOTAL | | | | | | 17,499 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 997 |
| TOTAL REQUEST | | | | | | 18,496 |
| TOTAL REQUEST (ROUNDED) | | | | | | 18,500 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10. Description of Proposed Construction Construct standard unit operations facilities. Project includes standard design company operations with covered hardstand, vehicle maintenance shop, entrance control point, organizational vehicle parking, organizational storage, oil and hazardous material storage, security fence, roads, fire protection and fire alarm systems, building information systems, Intrusion Detection Systems (IDS) installation, and Energy Monitoring and Control Systems (EMCS) connections. Supporting facilities include electrical, water, sanitary sewer, and gas utilities; paving, parking, walks, curbs, and gutters; storm drainage; information systems; landscaping and site improvements. Special foundations are required due to expansive and rocky soils. Heating and air conditioning will be provided by self-contained systems. Anti-Terrorism/Force Protection (AT/FP) will be provided by mass notification, structural reinforcement, special windows and doors, high curbing, and other site measures to secure perimeter and maintain stand off distances. Access for persons with disabilities will be provided. Comprehensive interior and furnishings related design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPA05) features will be included. Air Conditioning (Estimated 278 kW/79 Tons). | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION
Fort Hood, Texas

| | |
|--|----------------------------|
| 4. PROJECT TITLE Vehicle Maintenance Facility | 5. PROJECT NUMBER 77187 |
|--|----------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|-----------------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| Hazardous Waste Storage | m2 (SF) | 16.72 (180) | 929.19 | (16) |
| Organizational Storage | m2 (SF) | 143.07 (1,540) | 993.41 | (142) |
| Entrance Control Point | LS | -- | -- | (2,852) |
| Security Fence | m (LF) | 2,134 (7,000) | 233.01 | (497) |
| Roads | m2 (SY) | 2,097 (2,508) | 71.64 | (150) |
| Special Foundations | LS | -- | -- | (240) |
| IDS Installation | LS | -- | -- | (30) |
| EMCS Connection | LS | -- | -- | (30) |
| SDD and EAct05 | LS | -- | -- | (127) |
| Building Information Systems | LS | -- | -- | (308) |
| | | | Total | 4,392 |

11. REQ: 246,833 m2 ADQT: 201,886 m2 SUBSTD: 19,377 m2
PROJECT: Construct standard design company operations and vehicle maintenance facilities for a Terminal High Altitude Area Defense (THAAD) Battery at Fort Hood, Texas. (Current Mission)
REQUIREMENT: This requirement is needed to support the troop increase requested by the Secretary of Defense as part of the "Grow the Army" (GTA) initiative for the Army. This project supports a THAAD Battery to be stationed at this installation as part of the increase in permanent end strength of the Army.
CURRENT SITUATION: All existing adequate facilities are being fully utilized to support current operations as well as Army Modularity and Global Defense Posture Realignment (GDPR) initiatives.
IMPACT IF NOT PROVIDED: If this project is not provided, there will not be adequate facility space to support the stationing of a THAAD Battery at Fort Hood.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable

| | | |
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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Fort Hood, Texas | | |
| 4. PROJECT TITLE Vehicle Maintenance Facility | 5. PROJECT NUMBER 77187 | |
| ADDITIONAL: (CONTINUED) laws and Executive Orders. | | |
| 12. SUPPLEMENTAL DATA: | | |
| A. Estimated Design Data: | | |
| (1) Status: | | |
| (a) Date Design Started..... | | <u>OCT 2010</u> |
| (b) Percent Complete As Of January 2011..... | | <u>15.00</u> |
| (c) Date 35% Designed..... | | <u>MAR 2011</u> |
| (d) Date Design Complete..... | | <u>OCT 2011</u> |
| (e) Parametric Cost Estimating Used to Develop Costs | | <u>YES</u> |
| (f) Type of Design Contract: Adapt-Build | | |
| (2) Basis: | | |
| (a) Standard or Definitive Design: YES | | |
| (b) Where Most Recently Used: | | |
| Fort Hood | | |
| (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000) | | |
| (a) Production of Plans and Specifications..... | | <u>729</u> |
| (b) All Other Design Costs..... | | <u>911</u> |
| (c) Total Design Cost..... | | <u>1,640</u> |
| (d) Contract..... | | <u>911</u> |
| (e) In-house..... | | <u>729</u> |
| (4) Construction Contract Award..... | | |
| <u>JAN 2012</u> | | |
| (5) Construction Start..... | | |
| <u>APR 2012</u> | | |
| (6) Construction Completion..... | | |
| <u>OCT 2013</u> | | |

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| 1.COMONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE 10 FEB 2011 |
|------------------------|--|---------------------------|

3.INSTALLATION AND LOCATION

Fort Hood, Texas

| | |
|---|-------------------------------|
| 4.PROJECT TITLE Vehicle Maintenance Facility | 5.PROJECT NUMBER 77187 |
|---|-------------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
|-----------------------------------|------------------------------------|--|-------------------------|

NA

Installation Engineer: COL Brian Dosa
Phone Number: 254-287-5707

| | | | | | | |
|--|--|--|----------------------------|--|---|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Joint Base San Antonio Texas | | | | 4. PROJECT TITLE Vehicle Maintenance Facility | | |
| 5. PROGRAM ELEMENT 87796A | | 6. CATEGORY CODE 214 | 7. PROJECT NUMBER 05034 | | 8. PROJECT COST (\$000) Auth 10,400 Approp 10,400 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 7,470 |
| Vehicle Maintenance Shop | | m2 (SF) | 1,706 (18,360) | | 2,208 | (3,767) |
| Company Operations Facility | | m2 (SF) | 1,096 (11,798) | | 2,096 | (2,298) |
| Covered Hardstand | | m2 (SF) | 155.24 (1,671) | | 670.16 | (104) |
| Organizational Vehicle Parking | | m2 (SY) | 10,779 (12,892) | | 83.14 | (896) |
| Organizational Storage | | m2 (SF) | 97.55 (1,050) | | 1,311 | (128) |
| Total from Continuation page | | | | | | (277) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 1,987 |
| Electric Service | | LS | -- | | -- | (311) |
| Water, Sewer, Gas | | LS | -- | | -- | (400) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (247) |
| Storm Drainage | | LS | -- | | -- | (160) |
| Site Imp(481) Demo(130) | | LS | -- | | -- | (611) |
| Information Systems | | LS | -- | | -- | (220) |
| Antiterrorism Measures | | LS | -- | | -- | (38) |
| ESTIMATED CONTRACT COST | | | | | | 9,457 |
| CONTINGENCY (5.00%) | | | | | | 473 |
| SUBTOTAL | | | | | | 9,930 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 566 |
| TOTAL REQUEST | | | | | | 10,496 |
| TOTAL REQUEST (ROUNDED) | | | | | | 10,400 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10. Description of Proposed Construction Construct a standard Tactical Equipment Maintenance Facility (TEMF) and Company Operations Facility (COF) complex. Project includes one vehicle maintenance facility, organizational vehicle parking, oil and hazardous waste storage, Company Operations Facilities with covered hardstand, organizational storage, building information systems, Intrusion Detection System (IDS) installation, and Energy Monitoring and Control Systems (EMCS) connection. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPA05) features will be provided. Supporting facilities include site improvement, underground utilities, lighting, paving, parking, walks, curbs and gutters, storm drainage, information systems, landscaping and signage. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. Heating and air conditioning will be provided by self contained systems. Demolish 2 buildings (TOTAL 442 m2/4,762 SF). Air Conditioning (Estimated 53 kWr/15 Tons). | | | | | | |
| 11. REQ: | | 11,984 m2 | ADQT: NONE | | SUBSTD: | 989 m2 |
| PROJECT: Construct a standard tactical vehicle maintenance facility and | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Joint Base San Antonio, Texas

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Vehicle Maintenance Facility | 5. PROJECT NUMBER 05034 |
|--|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|--------------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| POL Storage Building | m2 (SF) | 22.30 (240) | 1,165 | (26) |
| Hazardous Waste Storage | m2 (SF) | 22.30 (240) | 1,114 | (25) |
| IDS Installation | LS | -- | -- | (16) |
| EMCS Connection | LS | -- | -- | (32) |
| SDD and EPAct05 | LS | -- | -- | (126) |
| Building Information Systems | LS | -- | -- | (52) |
| | | | Total | 277 |

PROJECT: (CONTINUED)
company operations facilities at Joint Base San Antonio (JBSA), Texas.
(Current Mission)

REQUIREMENT: This project is required to provide maintenance and operational facilities for units stationed on JBSA.

CURRENT SITUATION: The existing facilities lack sufficient space for consolidation of all organizational requirements. The facilities are inadequate in meeting the needs of a modern equipped unit. Existing maintenance bays are too small to safely provide maintenance of multiple vehicles. Additionally, facilities lacks space to maintain power units and expandable shelters/boxes in their expanded states.

IMPACT IF NOT PROVIDED: If this project is not provided, continued degradation of equipment maintenance and the operational posture of the unit will occur. Lack of co-located maintenance and operational facilities will increase the non-productivity of the unit, and cause increased vehicular traffic on the congested installation. A modern unit organizational equipment structure located in obsolete undersized facilities presents safety hazards and accident potential.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|----------------------------|------------------------------|-----------------|--|--------------|----------------------------|-----------------|-------------------------------|-----------------|--|------------|--|--|--|--|--|--|---|--|---|------------|---------------------------------|------------|----------------------------|------------|-------------------|------------|-------------------|------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. INSTALLATION AND LOCATION Joint Base San Antonio, Texas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. PROJECT TITLE Vehicle Maintenance Facility | 5. PROJECT NUMBER 05034 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>12. SUPPLEMENTAL DATA:</p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr><td>(a) Date Design Started.....</td><td><u>SEP 2009</u></td></tr> <tr><td>(b) Percent Complete As Of January 2011.....</td><td><u>35.00</u></td></tr> <tr><td>(c) Date 35% Designed.....</td><td><u>JAN 2011</u></td></tr> <tr><td>(d) Date Design Complete.....</td><td><u>OCT 2011</u></td></tr> <tr><td>(e) Parametric Cost Estimating Used to Develop Costs</td><td><u>YES</u></td></tr> <tr><td>(f) Type of Design Contract: Adapt-Build</td><td></td></tr> <tr><td>(g) An energy study and life cycle cost analysis will be documented during the final design.</td><td></td></tr> </table> <p>(2) Basis:</p> <table border="0"> <tr><td>(a) Standard or Definitive Design: YES</td><td></td></tr> <tr><td>(b) Where Most Recently Used: Fort Bliss</td><td></td></tr> </table> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table border="0"> <tr><td>(a) Production of Plans and Specifications.....</td><td><u>163</u></td></tr> <tr><td>(b) All Other Design Costs.....</td><td><u>193</u></td></tr> <tr><td>(c) Total Design Cost.....</td><td><u>356</u></td></tr> <tr><td>(d) Contract.....</td><td><u>193</u></td></tr> <tr><td>(e) In-house.....</td><td><u>163</u></td></tr> </table> <p>(4) Construction Contract Award..... <u>JAN 2012</u></p> <p>(5) Construction Start..... <u>APR 2012</u></p> <p>(6) Construction Completion..... <u>OCT 2013</u></p> | | | (a) Date Design Started..... | <u>SEP 2009</u> | (b) Percent Complete As Of January 2011..... | <u>35.00</u> | (c) Date 35% Designed..... | <u>JAN 2011</u> | (d) Date Design Complete..... | <u>OCT 2011</u> | (e) Parametric Cost Estimating Used to Develop Costs | <u>YES</u> | (f) Type of Design Contract: Adapt-Build | | (g) An energy study and life cycle cost analysis will be documented during the final design. | | (a) Standard or Definitive Design: YES | | (b) Where Most Recently Used: Fort Bliss | | (a) Production of Plans and Specifications..... | <u>163</u> | (b) All Other Design Costs..... | <u>193</u> | (c) Total Design Cost..... | <u>356</u> | (d) Contract..... | <u>193</u> | (e) In-house..... | <u>163</u> |
| (a) Date Design Started..... | <u>SEP 2009</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (b) Percent Complete As Of January 2011..... | <u>35.00</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (c) Date 35% Designed..... | <u>JAN 2011</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (d) Date Design Complete..... | <u>OCT 2011</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (e) Parametric Cost Estimating Used to Develop Costs | <u>YES</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (f) Type of Design Contract: Adapt-Build | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (g) An energy study and life cycle cost analysis will be documented during the final design. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (a) Standard or Definitive Design: YES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (b) Where Most Recently Used: Fort Bliss | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (a) Production of Plans and Specifications..... | <u>163</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (b) All Other Design Costs..... | <u>193</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (c) Total Design Cost..... | <u>356</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (d) Contract..... | <u>193</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (e) In-house..... | <u>163</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Joint Base San Antonio, Texas

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Vehicle Maintenance Facility | 5. PROJECT NUMBER 05034 |
|--|--------------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
|-----------------------------------|------------------------------------|--|-------------------------|

NA

Installation Engineer: Michael Grizer
Phone Number: (210) 221-4775

| | | | |
|--|---------------------------------------|--|---|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Red River Army Depot Texas | | 4. COMMAND US Army Materiel Command | 5. AREA CONSTRUCTION COST INDEX 0.85 |
| 6. PERSONNEL STRENGTH: | | | |
| | PERMANENT | STUDENTS | SUPPORTED |
| | OFFICER ENLIST CIVIL | OFFICER ENLIST CIVIL | OFFICER ENLIST CIVIL TOTAL |
| A. AS OF 05 NOV 2010 | 3 94 4053 | 0 0 3 | 4 7 1715 5,879 |
| B. END FY 2016 | 3 94 1569 | 0 0 0 | 4 7 1169 2,846 |
| 7. INVENTORY DATA (\$000) | | | |
| A. TOTAL AREA..... | 7,589 ha | (18,754 AC) | |
| B. INVENTORY TOTAL AS OF 31 DEC 2010..... | | | 1,711,310 |
| C. AUTHORIZATION NOT YET IN INVENTORY..... | | | 87,280 |
| D. AUTHORIZATION REQUESTED IN THE FY 2012 PROGRAM..... | | | 44,000 |
| E. AUTHORIZATION INCLUDED IN THE FY 2013 PROGRAM..... | | | 0 |
| F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY)..... | | | 0 |
| G. REMAINING DEFICIENCY..... | | | 66,756 |
| H. GRAND TOTAL..... | | | 1,909,346 |
| 8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2012 PROGRAM: | | | |
| CATEGORY PROJECT | | COST | DESIGN STATUS |
| CODE NUMBER PROJECT TITLE | | (\$000) | START COMPLETE |
| 214 66691 Maneuver Systems Sustainment Ctr, Ph 3 | | 44,000 | 09/2009 10/2011 |
| | TOTAL | 44,000 | |
| 9. FUTURE PROJECT APPROPRIATIONS: | | | |
| CATEGORY | | COST | |
| CODE PROJECT TITLE | | (\$000) | |
| A. INCLUDED IN THE FY 2013 PROGRAM: NONE | | | |
| B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE | | | |
| C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): | | N/A | |
| 10. MISSION OR MAJOR FUNCTIONS: | | | |
| Provides support and facilities for Army Material Command to include missions of supply, ammunition, maintenance, and quality. Major functions include support of a number of tenant activities: US Army Health Clinic, Intern Training Center, Defense Property Disposal Office, and USAMICON Chaparral Project Office. | | | |
| 11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: | | | |
| | | (\$000) | |
| A. AIR POLLUTION | | 0 | |
| B. WATER POLLUTION | | 0 | |
| C. OCCUPATIONAL SAFETY AND HEALTH | | 0 | |

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|---|--|--|-------------------------------|--|--|--------------|
| 1.COMONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2.DATE 10 FEB 2011 | |
| 3.INSTALLATION AND LOCATION Red River Army Depot Texas | | | | 4.PROJECT TITLE Maneuver Systems Sustainment Ctr, Ph 3 | | |
| 5.PROGRAM ELEMENT 72896A | | 6.CATEGORY CODE 214 | 7.PROJECT NUMBER 66691 | | 8.PROJECT COST (\$000) Auth 44,000 Approp 44,000 | |
| 9.COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 34,600 |
| Assembly Building | | m2 (SF) | 21,559 (232,063) | | 1,359 | (29,296) |
| Hardstand | | m2 (SY) | 12,542 (15,000) | | 95.68 | (1,200) |
| Covered Staging/Fuel Area | | m2 (SF) | 1,654 (17,800) | | 246.06 | (407) |
| Special Foundations | | LS | -- | | -- | (2,348) |
| EMCS Connection | | LS | -- | | -- | (53) |
| Total from Continuation page | | | | | | (1,296) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 5,492 |
| Electric Service | | LS | -- | | -- | (698) |
| Water, Sewer, Gas | | LS | -- | | -- | (342) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (3,515) |
| Storm Drainage | | LS | -- | | -- | (308) |
| Site Imp(534) Demo() | | LS | -- | | -- | (534) |
| Information Systems | | LS | -- | | -- | (74) |
| Antiterrorism Measures | | LS | -- | | -- | (21) |
| ESTIMATED CONTRACT COST | | | | | | 40,092 |
| CONTINGENCY (5.00%) | | | | | | 2,005 |
| SUBTOTAL | | | | | | 42,097 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 2,400 |
| TOTAL REQUEST | | | | | | 44,497 |
| TOTAL REQUEST (ROUNDED) | | | | | | 44,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10.Description of Proposed Construction This project consists of 3 phases. Phase 1 (PN 56577) was funded in FY09 for \$6.9M. Phase 2 (PN 66690) was funded in FY08 for \$9.2M. This project is Phase 3 for \$44M. Construct Phase 3 of the Maneuver Systems Sustainment Center (MSSC) for tactical wheeled vehicles repair. Phase 3 constructs the Assembly Building, hardstand and covered staging/fuel area. Antiterrorism/force protection measures include a mass notification system. Project also includes fire protection systems that connect to the installation's central system, connection to Energy Monitoring and Control System (EMCS), and building information systems. Supporting facilities include connections to all required utilities, exterior lighting, lightning protection, loading areas, parking areas, storm water management, and site work. Special foundations are required. Heating and air conditioning will be provided by self-contained units. Access for individuals with disabilities will be provided. Comprehensive building and furnishing related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 141 kW/40 Tons). | | | | | | |
| 11. REQ: | | 125,146 m2 | ADQT: | | 87,769 m2 | SUBSTD: NONE |
| PROJECT: Construct Phase 3 of the Maneuver Systems Sustainment Center at Red | | | | | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Red River Army Depot, Texas

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Maneuver Systems Sustainment Ctr, Ph 3 | 5. PROJECT NUMBER 66691 |
|--|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|----------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| SDD and EAct05 | LS | -- | -- | (545) |
| Antiterrorism Measures | LS | -- | -- | (545) |
| Building Information Systems | LS | -- | -- | (206) |
| | | | Total | 1,296 |

PROJECT: (CONTINUED)

River Army Depot (RRAD), Texas. (Current Mission)

REQUIREMENT: The RRAD provides depot level vehicle maintenance for the Army. The RRAD is the Center for Technical and Industrial Excellence (CITE) for all tactical vehicle systems, the Bradley Fighting Vehicle Systems, Multiple Launch Rocket System (MLRS), the Small Emplacement Excavator, and Rubber products. The RRAD provides critical maintenance and sustainment of the Reconstitution and Reset of the force in support of the contingency operations. In support of the Army's transformation efforts, the RRAD industrial base must be modernized so that the Army has the capabilities to perform state-of-the-art depot level operations. A state-of-the-art vehicle maintenance center for modern, efficient, safe and environmentally sound industrial operations is required. Included in this vehicle maintenance center is the requirement for a depot level tactical vehicle assembly building.

CURRENT SITUATION: Most of the disassembly and assembly work is done in one of the original Tank Repair buildings built in 1942. It was built with columns every 25 feet, and laid out for linear production lines. It is not adequate for today's technology or modern production techniques such as cell or bay work arrangements. Short production runs require excessive down time to clear the previous runs. Current facility constraints require major vehicle components to be repaired, assembled, and installed in outlying buildings. This causes additional transportation and queuing of assets. Parts are also sent to various buildings for vat cleaning, hand-blasting, plating, and coating. This requires a substantial amount of time spent transporting these vehicles and components due to the dispersed locations of these operations.

IMPACT IF NOT PROVIDED: If this project is not provided, Red River Army Depot will continue to operate under inefficient and technologically obsolete conditions. The ability to perform short, varied production runs will be hampered due to the physical limitations of the existing facilities. The multiple movement of vehicles, components, and parts from one building to another will continue. The inefficiencies that exist due to the tactical vehicle repair processes being dispersed will also continue to occur. The remote locations for each component work requires additional handling and transporting across the depot to accomplish all facets of the current processes for the tactical vehicle repair mission performed at RRAD. This

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Red River Army Depot, Texas

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Maneuver Systems Sustainment Ctr, Ph 3 | 5. PROJECT NUMBER 66691 |
|--|--------------------------------|

IMPACT IF NOT PROVIDED: (CONTINUED)

results in longer maintenance cycle times to provide combat ready vehicles and equipment.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

| | FY2008 (\$000) | FY2009 (\$000) | Requested FY2012 (\$000) |
|-----------------------------------|----------------|----------------|-----------------------------|
| Authorization | \$9,200 | \$6,900 | \$44,000 |
| Authorization of Appropriation | \$9,200 | \$6,900 | \$44,000 |
| Appropriation | \$9,200 | \$6,900 | \$44,000 |

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... SEP 2009
 - (b) Percent Complete As Of January 2011..... 35.00
 - (c) Date 35% Designed..... JAN 2011
 - (d) Date Design Complete..... OCT 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build
 - (2) Basis:
 - (a) Standard or Definitive Design: NO
 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 1,685

| | | |
|------------------------|--|---------------------------|
| 1.COMONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE 10 FEB 2011 |
|------------------------|--|---------------------------|

| | |
|--|--|
| 3.INSTALLATION AND LOCATION Red River Army Depot, Texas | |
|--|--|

| | |
|---|-------------------------------|
| 4.PROJECT TITLE Maneuver Systems Sustainment Ctr, Ph 3 | 5.PROJECT NUMBER 66691 |
|---|-------------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

| | |
|--------------------------------------|----------|
| (b) All Other Design Costs..... | 2,106 |
| (c) Total Design Cost..... | 3,791 |
| (d) Contract..... | 2,106 |
| (e) In-house..... | 1,685 |
| (4) Construction Contract Award..... | JAN 2012 |
| (5) Construction Start..... | APR 2012 |
| (6) Construction Completion..... | APR 2014 |

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-------------------------------|--------------------------------|--|---------------------|
| NA | | | |

Installation Engineer: Larry R. Ford
 Phone Number: 803-334-3115

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2012
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

| STATE | INSTALLATION (COMMAND) | | | NEW/ | |
|-------------------------|---------------------------------------|--------------------------|--------------------------|--------------------|-------|
| ----- PROJECT NUMBER | ----- PROJECT TITLE | AUTHORIZATION REQUEST | APPROPRIATION REQUEST | CURRENT MISSION | PAGE |
| ----- | ----- | ----- | ----- | ----- | ----- |
| Utah | Dugway Proving Ground (IMCOM) | | | | 373 |
| 55823 | Life Sciences Test Facility Addition | 32,000 | 32,000 | C | 375 |
| | Subtotal Dugway Proving Ground Part I | \$ 32,000 | 32,000 | | |
| | * TOTAL MCA FOR Utah | \$ 32,000 | 32,000 | | |

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|--|---------------------------------------|--------------------------------------|---|--------------|----------|---------|--|---------------|----------|-------|-----------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | | | | | | 2. DATE 10 FEB 2011 | | | | |
| 3. INSTALLATION AND LOCATION Dugway Proving Ground Utah | | | 4. COMMAND US Army Installation Management Command | | | | 5. AREA CONSTRUCTION COST INDEX 1.09 | | | | |
| 6. PERSONNEL STRENGTH: | | | | | | | | | | | |
| | | PERMANENT | | | STUDENTS | | | SUPPORTED | | | |
| | | OFFICER | ENLIST | CIVIL | OFFICER | ENLIST | CIVIL | OFFICER | ENLIST | CIVIL | TOTAL |
| A. AS OF 05 NOV 2010 | | 24 | 56 | 590 | 0 | 0 | 0 | 41 | 90 | 1040 | 1,841 |
| B. END FY 2016 | | 10 | 27 | 677 | 0 | 0 | 0 | 41 | 90 | 941 | 1,786 |
| 7. INVENTORY DATA (\$000) | | | | | | | | | | | |
| A. TOTAL AREA..... | | 323,027 ha | | (798,214 AC) | | | | | | | |
| B. INVENTORY TOTAL AS OF 31 DEC 2010..... | | | | | | | | | | | 1,317,902 |
| C. AUTHORIZATION NOT YET IN INVENTORY..... | | | | | | | | | | | 71,600 |
| D. AUTHORIZATION REQUESTED IN THE FY 2012 PROGRAM..... | | | | | | | | | | | 32,000 |
| E. AUTHORIZATION INCLUDED IN THE FY 2013 PROGRAM..... | | | | | | | | | | | 0 |
| F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY)..... | | | | | | | | | | | 0 |
| G. REMAINING DEFICIENCY..... | | | | | | | | | | | 238,624 |
| H. GRAND TOTAL..... | | | | | | | | | | | 1,660,126 |
| 8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2012 PROGRAM: | | | | | | | | | | | |
| CATEGORY PROJECT | | | | | | | COST | DESIGN STATUS | | | |
| CODE | NUMBER | PROJECT TITLE | | | | | (\$000) | START | COMPLETE | | |
| 316 | 55823 | Life Sciences Test Facility Addition | | | | | 32,000 | 09/2009 | 10/2012 | | |
| | | | | | | TOTAL | 32,000 | | | | |
| 9. FUTURE PROJECT APPROPRIATIONS: | | | | | | | | | | | |
| CATEGORY | | | | | | | COST | | | | |
| CODE | PROJECT TITLE | | | | | (\$000) | | | | | |
| A. INCLUDED IN THE FY 2013 PROGRAM: NONE | | | | | | | | | | | |
| B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE | | | | | | | | | | | |
| C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): | | | | | | N/A | | | | | |
| 10. MISSION OR MAJOR FUNCTIONS: | | | | | | | | | | | |
| To test US and Allied chemical and biological defense equipment and systems. Perform NBC survivability testing of defense materiel. Test environmental characterization and remediation technology. Develop procedures, methodology and technology necessary for chemical and biological testing. Act as the DoD joint chemical/biological defense contact point in support of the warfighting Combatant Commanders. Provide support to chemical and biological weapons conventions. Provide for testing of smoke, illumination and incendiary munitions. Conduct the Army's Meteorology Program. Support training. Conduct a surety program. Safeguard the environment. Operate and maintain an installation to support the test and training missions. | | | | | | | | | | | |

| | | |
|----------------------|---------------------------------------|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | 2. DATE 10 FEB 2011 |
|----------------------|---------------------------------------|------------------------|

INSTALLATION AND LOCATION: Dugway Proving Ground, Utah

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

| | |
|-----------------------------------|---------|
| | (\$000) |
| A. AIR POLLUTION | 0 |
| B. WATER POLLUTION | 0 |
| C. OCCUPATIONAL SAFETY AND HEALTH | 0 |

| | | | | | | |
|---|--|--|-------------------------------|---|--|--------------|
| 1.COMONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2.DATE 10 FEB 2011 | |
| 3.INSTALLATION AND LOCATION Dugway Proving Ground Utah | | | | 4.PROJECT TITLE Life Sciences Test Facility Addition | | |
| 5.PROGRAM ELEMENT 72896A | | 6.CATEGORY CODE 316 | 7.PROJECT NUMBER 55823 | | 8.PROJECT COST (\$000) Auth 32,000 Approp 32,000 | |
| 9.COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 26,438 |
| Life Sciences Test Fac Addition | | m2 (SF) | 3,828 (| 41,200) | 6,484 | (24,820) |
| Renovate Existing Building | | m2 (SF) | 288 (| 3,100) | 481.90 | (139) |
| Emergency Generator | | kWe (KW) | 800 (| 800) | 289.03 | (231) |
| IDS Installation | | LS | -- | | -- | (42) |
| EMCS Connection | | LS | -- | | -- | (50) |
| Total from Continuation page | | | | | | (1,156) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 1,754 |
| Electric Service | | LS | -- | | -- | (144) |
| Water, Sewer, Gas | | LS | -- | | -- | (712) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (393) |
| Site Imp(426) Demo() | | LS | -- | | -- | (426) |
| Information Systems | | LS | -- | | -- | (62) |
| Antiterrorism Measures | | LS | -- | | -- | (17) |
| ESTIMATED CONTRACT COST | | | | | | 28,192 |
| CONTINGENCY (5.00%) | | | | | | 1,410 |
| SUBTOTAL | | | | | | 29,602 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 1,687 |
| DESIGN/BUILD - DESIGN COST | | | | | | 1,184 |
| TOTAL REQUEST | | | | | | 32,473 |
| TOTAL REQUEST (ROUNDED) | | | | | | 32,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | (1,858) |
| 10.Description of Proposed Construction Construct an addition to the existing Life Sciences Test Facility (LSTF) building, to house test, research, design, analysis, and administrative areas for scientists, an area for calibration, maintenance and repair of sensitive laboratory instruments, electron microscope operations and support (dark room) areas, an autoclave with supporting equipment area, ten Bio-Safety Level 2 (BSL2) and five BSL3 labs. Provide one additional BSL3 Aerosol Chamber. Connect utility extensions to the new building addition, with shielded electrical service to prevent interference with the Electron Microscopes. Primary facilities will include building information systems, installation of Intrusion Detection System (IDS), connection to Energy Monitoring and Control System (EMCS), fire detection system and connection to existing Fire alarm system, fire suppression system, installation of an Uninterruptible Power Supply (UPS), and emergency generator. The existing building will be renovated to provide access to the new addition. Access for persons with disabilities will be provided. Comprehensive building and furnishing related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 492 kW/140 Tons). | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Dugway Proving Ground, Utah

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Life Sciences Test Facility Addition | 5. PROJECT NUMBER 55823 |
|--|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|----------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| SDD and EPAct05 | LS | -- | -- | (510) |
| Antiterrorism Measures | LS | -- | -- | (542) |
| Building Information Systems | LS | -- | -- | (104) |
| | | | Total | 1,156 |

11. REQ: 34,998 m2 ADQT: 21,142 m2 SUBSTD: 292 m2
PROJECT: Construct a Life Science Test Facilities addition at Dugway Proving Ground, Utah. (Current Mission)

REQUIREMENT: Since the construction of the LSTF, the biological defense program has grown significantly, due to world events, to a point where the original capabilities of the LSTF are now maximized. The areas where the facility's capacity has been pushed to design limits by the growth of the biodefense program are production capacity for agent-like organism (ALO) test material, dedicated training laboratories, laboratory space to analyze field and chamber test samples, and aerosol challenge chambers. These capabilities are critical components to developmental and operational systems testing and evaluation and currently fall far short of meeting testing requirements. LSTF can currently generate ALO test material at a rate of 100 Liters per week but production needs to be running closer to 1000 Liters per week to meet present program demands. The annex would provide the additional needed laboratory space to setup and run larger volume fermentation instrumentation and help streamline more efficient production and processing of test material and would immediately benefit programs including: Joint Biological Point Detection System (JBPDS), Joint Biological Tactical Detection System (JBTD), Joint Biological Standoff Detection System (JBSD) and Whole System Live Agent Testing (WSLAT); as well as non Department of Defense programs.

CURRENT SITUATION: The Life Science Test Facility (LSTF) was designed for only 22 personnel. Currently, there are 65 personnel dedicated to the LSTF testing and training missions. More significantly, the facility was not designed to test and process the amounts of biological materials now consumed during T&E of biological defense systems. The capability gaps of greatest concern are insufficient laboratory space both at the 2 and 3 biological safety levels. Additional BSL-2 space is needed to setup additional and larger fermentation equipment while additional BSL-3 space would be used in standing up larger threat-representative aerosolization chambers to conduct whole-systems testing. Because LSTF is working at capacity, test programs such as Joint Biological Point, Tactical and Standoff Detection Systems (JBPDS, JBTD and JBSD) have had to wait in line for laboratory, agent-like organism production and chamber availability. This has already negatively impacted test

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Dugway Proving Ground, Utah | | |
| 4. PROJECT TITLE Life Sciences Test Facility Addition | 5. PROJECT NUMBER 55823 | |
| <p><u>CURRENT SITUATION:</u> (CONTINUED)</p> <p>schedules and milestone decisions. It has also caused other non Department of Defense test programs to postpone or outright cancel phases of testing resulting in lost resolution needed for evaluation of fielding.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, shortages of agent-like organism test material and chamber availability will continue to be experienced and consequently lead to the execution of fewer tests. The current shortage of analytical laboratory space will result in the generation of less data and a subsequent loss of resolution when important milestone decisions are to be made. The Whole System Live Agent Test (WSLAT) methodology was developed because of current shortfall and will continue to be a half measure effort without additional space. On going and future Joint Biological Point, Tactical and Standoff Detection Systems (JBPDS, JBTDs and JBSDs) milestones A,B,C and follow-on testing will continue to be negatively impacted or delayed. Without additional dedicated training laboratories, the nation's first responders and other intelligence agencies will not receive adequate training to recognize and respond to emerging threats. The Life Science Test Facility will also not be able to support other government agencies in their efforts to develop and field improved countermeasures to biological threats.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p> | | |
| <p>12. <u>SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <p>(a) Date Design Started..... SEP 2009</p> <p>(b) Percent Complete As Of January 2011..... 25.00</p> <p>(c) Date 35% Designed..... JAN 2012</p> <p>(d) Date Design Complete..... OCT 2012</p> <p>(e) Parametric Cost Estimating Used to Develop Costs YES</p> <p>(f) Type of Design Contract: Design-build</p> <p>(g) An energy study and life cycle cost analysis will be documented during the final design.</p> | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Dugway Proving Ground, Utah

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Life Sciences Test Facility Addition | 5. PROJECT NUMBER 55823 |
|--|--------------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 595
 - (b) All Other Design Costs..... 893
 - (c) Total Design Cost..... 1,488
 - (d) Contract..... 893
 - (e) In-house..... 595

- (4) Construction Contract Award..... JAN 2012
- (5) Construction Start..... APR 2012
- (6) Construction Completion..... APR 2014

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|----------------------------------|--------------------------------|--|---------------------|
| Aerosol Chamber and Supporting E | OPA | 2014 | 541 |
| UPS, 100 KW | OPA | 2014 | 68 |
| CCTV | OPA | 2014 | 77 |
| Autoclave | OPA | 2014 | 840 |
| Ultralow Freezer | OPA | 2014 | 48 |
| Centerfuge | OPA | 2014 | 240 |
| Ice Machine | OPA | 2014 | 5 |
| Info Sys - ISC | OPA | 2013 | 39 |
| | | TOTAL | 1,858 |

Installation Engineer: John R. Craig
Phone Number: 435-831-2162

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2012
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

| STATE | INSTALLATION (COMMAND) | NEW/ |
|---------------|---|-------------------------------------|
| ----- PROJECT | ----- | AUTHORIZATION APPROPRIATION CURRENT |
| NUMBER | PROJECT TITLE | REQUEST REQUEST MISSION PAGE |
| ----- | ----- | ----- |
| Virginia | Fort Belvoir (IMCOM) | 381 |
| 57508 | Information Dominance Center, Ph 1 | 52,000 52,000 C 383 |
| 71149 | Road and Infrastructure Improvements | 31,000 31,000 C 386 |
| | Subtotal Fort Belvoir Part I | \$ 83,000 83,000 |
| | Joint Base Langley-Eustis (TRADOC) | |
| 59005 | Aviation Training Facility | 26,000 26,000 C 391 |
| | Subtotal Joint Base Langley-Eustis Part I | \$ 26,000 26,000 |
| | * TOTAL MCA FOR Virginia | \$ 109,000 109,000 |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | 2. DATE 10 FEB 2011 |
|----------------------|---------------------------------------|------------------------|

INSTALLATION AND LOCATION: Fort Belvoir, Virginia

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

| | |
|-----------------------------------|---------|
| | (\$000) |
| A. AIR POLLUTION | 0 |
| B. WATER POLLUTION | 0 |
| C. OCCUPATIONAL SAFETY AND HEALTH | 0 |

| | | | | | | |
|---|--|--|-------------------------------|---|--|--------------|
| 1.COMONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2.DATE 10 FEB 2011 | |
| 3.INSTALLATION AND LOCATION Fort Belvoir Virginia | | | | 4.PROJECT TITLE Information Dominance Center, Ph 1 | | |
| 5.PROGRAM ELEMENT 22096A | | 6.CATEGORY CODE 852 | 7.PROJECT NUMBER 57508 | | 8.PROJECT COST (\$000) Auth 52,000 Approp 52,000 | |
| 9.COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 37,263 |
| Nonorg Vehicle Parking Garage | | m2 (SF) | 49,557 (533,430) | | 572.18 | (28,356) |
| Central Heat & Cooling Plant | | m2 (SF) | 1,036 (11,155) | | 5,847 | (6,060) |
| Standby Generator | | kWe (KW) | 1,500 (1,500) | | 1,555 | (2,332) |
| IDS Installation | | LS | -- | | -- | (493) |
| Building Information Systems | | LS | -- | | -- | (22) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 9,795 |
| Electric Service | | LS | -- | | -- | (2,401) |
| Water, Sewer, Gas | | LS | -- | | -- | (555) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (2,782) |
| Storm Drainage | | LS | -- | | -- | (517) |
| Site Imp(2,329) Demo() | | LS | -- | | -- | (2,329) |
| Information Systems | | LS | -- | | -- | (147) |
| Antiterrorism Measures | | LS | -- | | -- | (1,064) |
| ESTIMATED CONTRACT COST | | | | | | 47,058 |
| CONTINGENCY (5.00%) | | | | | | 2,353 |
| SUBTOTAL | | | | | | 49,411 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 2,816 |
| TOTAL REQUEST | | | | | | 52,227 |
| TOTAL REQUEST (ROUNDED) | | | | | | 52,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10.Description of Proposed Construction This project consists of 4 phases. This project is Phase 1 for \$52M. Phase 2 (PN 58849) will be requested in FY13 for \$90M. Phase 3 (PN 62243) will be requested in FY14 for \$90M. Phase 4 (PN 77905) for \$71M will be requested in the future. Construct a nonorganizational vehicle parking garage, a central heating and cooling plant and standby generators. Supporting facilities include all necessary utilities and connections, walks, curbs and gutters, site improvements, parking and information systems. Anti-Terrorism/Force Protection (AT/FP) measures will be included. | | | | | | |
| 11. REQ: 59,270 m2 ADQT: NONE SUBSTD: 33,058 m2 | | | | | | |
| PROJECT: Construct an Information Dominance Center (IDC), Phase 1, at Fort Belvoir, Virginia. (Current Mission) | | | | | | |
| REQUIREMENT: This project is required to consolidate and expand current and new missions supporting the Intelligence and Security Command (INSCOM), Military Intelligence Reserve Command (MIRC) and 1st Intelligence Operations (1st IO) intelligence gathering operations at Fort Belvoir, VA. | | | | | | |
| CURRENT SITUATION: There is no space in the existing INSCOM headquarters building to support projected personnel increases. Personnel currently assigned to the headquarters work in overcrowded conditions. Elements of INSCOM and MIRC are presently in, or moving to, leased space. Total space | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION
Fort Belvoir, Virginia

| | |
|--|----------------------------|
| 4. PROJECT TITLE Information Dominance Center, Ph 1 | 5. PROJECT NUMBER 57508 |
|--|----------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: NO

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

| | |
|---|--------------|
| (a) Production of Plans and Specifications..... | <u>1,997</u> |
| (b) All Other Design Costs..... | <u>2,484</u> |
| (c) Total Design Cost..... | <u>4,481</u> |
| (d) Contract..... | <u>2,484</u> |
| (e) In-house..... | <u>1,997</u> |

(4) Construction Contract Award..... JAN 2012

(5) Construction Start..... APR 2012

(6) Construction Completion..... APR 2014

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

| <u>Equipment</u> <u>Nomenclature</u> | <u>Procuring</u> <u>Appropriation</u> | <u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u> | <u>Cost</u> <u>(\$000)</u> |
|---|--|--|-------------------------------|
|---|--|--|-------------------------------|

NA

Installation Engineer: Bill Sanders
Phone Number: 703-806-3017

| | | | | | |
|---|-------------------------|--|--|------------------------|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Fort Belvoir Virginia | | | 4. PROJECT TITLE Road and Infrastructure Improvements | | |
| 5. PROGRAM ELEMENT 22096A | 6. CATEGORY CODE 842 | 7. PROJECT NUMBER 71149 | 8. PROJECT COST (\$000) Auth 31,000 Approp 31,000 | | |
| 9. COST ESTIMATES | | | | | |
| ITEM | | UM (M/E) | QUANTITY | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | 24,480 |
| Domestic Water Supply | | LS | -- | -- | (5,806) |
| Fire Water Supply | | LS | -- | -- | (2,526) |
| Road Improvements | | m2 (SF) | 334,451 (3599998) | 17.10 | (5,720) |
| Gas Main | | m (LF) | 1,463 (4,800) | 237.43 | (347) |
| Electrical Service | | LS | -- | -- | (1,777) |
| Total from Continuation page | | | | | (8,304) |
| <u>SUPPORTING FACILITIES</u> | | | | | 3,303 |
| Site Imp(3,116) Demo() | | LS | -- | -- | (3,116) |
| Information Systems | | LS | -- | -- | (187) |
| ESTIMATED CONTRACT COST | | | | | 27,783 |
| CONTINGENCY (5.00%) | | | | | 1,389 |
| SUBTOTAL | | | | | 29,172 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | 1,663 |
| TOTAL REQUEST | | | | | 30,835 |
| TOTAL REQUEST (ROUNDED) | | | | | 31,000 |
| INSTALLED EQT-OTHER APPROP | | | | | (0) |
| 10. Description of Proposed Construction Construct National Museum of the United States Army (NMUSA) infrastructure improvements to include electric service, water and gas distribution and wastewater collection lines, access roads and improvements to include traffic improvements and intersection upgrade, storm water drainage, communication infrastructure, fire water supply, soil stabilization control and physical security measures. Supporting facilities include site clearing and demolition, cut and fill, and information systems. | | | | | |
| 11. REQ: 170,868 m ADQT: 97,668 m SUBSTD: 54,938 m | | | | | |
| PROJECT: Construct road and infrastructure improvements to support the NMUSA at Fort Belvoir, Virginia. (Current Mission) | | | | | |
| REQUIREMENT: This project is required to provide infrastructure improvements supporting construction and operation of the NMUSA campus. This is in support of the Memorandum of Agreement between the Army and the Army Historical Foundation (AHF), that the Army will make available a suitable, appropriate, and partially prepared U.S. government site for this complex. This project will begin construction of road and infrastructure improvements in advance of the construction start of the NMUSA. The AHF is on track with private fund raising and anticipates award of the first stage of construction in FY12. This will provide the museum building shell and fit-out of the basement and first | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Belvoir, Virginia

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Road and Infrastructure Improvements | 5. PROJECT NUMBER 71149 |
|--|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|----------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| Sanitary Sewer | LS | -- | -- | (1,970) |
| Soil Stabilization Controls | EA | 1 -- | 567,767 | (568) |
| Storm Sewer | LS | -- | -- | (3,220) |
| Communications Infrastructure | LS | -- | -- | (837) |
| Physical Security | EA | 1 -- | 1709156 | (1,709) |
| | | | Total | 8,304 |

REQUIREMENT: (CONTINUED)

floor public spaces. The AHF anticipates beginning exhibit wing construction in FY13.

CURRENT SITUATION: Federal legislation provides for construction of the NMUSA at Fort Belvoir, Virginia. The preferred site is the southern portion of the Gunston Golf Course bounded by the Fairfax County Parkway and Kingman and Beulah Roads. Existing infrastructure at the site is not adequate to support the project. The road network does not provide adequate access and is insufficient to support construction activities or the projected visitation. Similarly, the utility systems are not sized to support operation of the NMUSA. There is no available electrical, water, sewer, gas, and information systems at the site. The topography of the site is such that extensive earthwork and storm water management structures are needed.

IMPACT IF NOT PROVIDED: If this project is not provided, the infrastructure will remain inadequate to support construction and operation of the NMUSA. The construction of the NMUSA may be delayed, and potentially the project could be jeopardized in its entirety. If this happened, the Army - the oldest military institution in the United States, would continue to be the only branch of the military to not have a museum to honor the services and sacrifice of their Soldiers that provides a consolidated location to research, restore, and maintain the heritage of the Army as a whole.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. No antiterrorism protection measures are required. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable

| | | |
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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|----------------------|--|------------------------|

3. INSTALLATION AND LOCATION
Fort Belvoir, Virginia

| | |
|--|----------------------------|
| 4. PROJECT TITLE Road and Infrastructure Improvements | 5. PROJECT NUMBER 71149 |
|--|----------------------------|

ADDITIONAL: (CONTINUED)
laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... OCT 2008
 - (b) Percent Complete As Of January 2011..... 35.00
 - (c) Date 35% Designed..... JAN 2011
 - (d) Date Design Complete..... OCT 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build
 - (g) An energy study and life cycle cost analysis will be documented during the final design.

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

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 722
 - (b) All Other Design Costs..... 1,443
 - (c) Total Design Cost..... 2,165
 - (d) Contract..... 1,443
 - (e) In-house..... 722

- (4) Construction Contract Award..... JAN 2012
- (5) Construction Start..... APR 2012
- (6) Construction Completion..... OCT 2013

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Fort Belvoir, Virginia

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Road and Infrastructure Improvements | 5. PROJECT NUMBER 71149 |
|--|--------------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| NONE | | | |

Installation Engineer: Bill Sanders
Phone Number: 703-806-3017

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| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Joint Base Langley-Eustis Virginia | | | | 4. PROJECT TITLE Aviation Training Facility | | |
| 5. PROGRAM ELEMENT 22096A | | 6. CATEGORY CODE 171 | 7. PROJECT NUMBER 59005 | | 8. PROJECT COST (\$000) Auth 26,000 Approp 26,000 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 22,209 |
| Aircraft Maint Instruction Adbn | | m2 (SF) | 6,503 (70,000) | | 3,188 | (20,730) |
| Special Foundations | | LS | -- | | -- | (341) |
| EMCS Connection | | LS | -- | | -- | (201) |
| SDD and EPAct05 | | LS | -- | | -- | (358) |
| Building Information Systems | | LS | -- | | -- | (579) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 1,659 |
| Electric Service | | LS | -- | | -- | (203) |
| Water, Sewer, Gas | | LS | -- | | -- | (337) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (36) |
| Storm Drainage | | LS | -- | | -- | (112) |
| Site Imp(685) Demo(20) | | LS | -- | | -- | (705) |
| Information Systems | | LS | -- | | -- | (186) |
| Antiterrorism Measures | | LS | -- | | -- | (80) |
| ESTIMATED CONTRACT COST | | | | | | 23,868 |
| CONTINGENCY (5.00%) | | | | | | 1,193 |
| SUBTOTAL | | | | | | 25,061 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 1,428 |
| TOTAL REQUEST | | | | | | 26,489 |
| TOTAL REQUEST (ROUNDED) | | | | | | 26,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10. Description of Proposed Construction Construct three Applied Instruction (aircraft maintenance) high-bay area building additions. Each addition will include two three-ton, overhead cranes. Primary facilities include special foundations, connections to Energy Monitoring and Control Systems (EMCS) and building information systems. Supporting facilities include all utilities and connections; water, sewer, gas, underground electrical service; exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage; site improvements; information systems; and security measures. Heating and air conditioning will be provided by self-contained systems. Project will also include a total of ten 1.5 ton overhead cranes. Anti-terrorism/force protection measures include laminated glass and other minimum building design elements. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Demolish 1 building at Fort Eustis, VA (TOTAL 37 m2/400 SF). Air Conditioning (Estimated 703 kWr/200 Tons). | | | | | | |
| 11. REQ: | | 101,005 m2 | ADQT: 48,221 m2 | | SUBSTD: | NONE |
| PROJECT: Construct Applied Instruction Building additions at Joint Base | | | | | | |

| | | |
|---|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Joint Base Langley-Eustis, Virginia | | |
| 4. PROJECT TITLE Aviation Training Facility | 5. PROJECT NUMBER 59005 | |
| <p>PROJECT: (CONTINUED)</p> <p>Langley-Eustis (JBLE), Virginia. (Current Mission)</p> <p><u>REQUIREMENT:</u> The US Army Aviation Logistics School (USAALS) requires additional training space for efficient and effective training. Anually, USAALS trains aproximately 6,000 Soldiers in 15 Army aviation military occupational specialties in 94 different courses having over 500 class starts to provide the minimal skills necessary to serve in entry level positions as helicopter maintenance specialists. Instruction is provided to US Army active, Reserve, National Guard, allied students and to the US Air Force (USAF) and Marine Corps (USMC) on aircraft that are common to the services. Instruction also includes transition training required to adapt to force modernization and Military Occupational Specialty (MOS) realignment. USAALS currently uses over 50 category B aircraft and over 2,000 various trainers, aircraft parts with stands and other equipment that require maintenance-like bay applied instruction area and/or lab rooms for Soldier hands-on training. The average daily training load is 2,000 Soldiers.</p> <p><u>CURRENT SITUATION:</u> Current USAALS facility space does not meet total facility requirements. Currently USAALS is over 50% short total space. The paramount space deficiency is high-bay instructional space with only 400,000 of the 1,087,210 GSF required. USAALS trains within current space by reducing required safety zones around equipment, intense risk analysis and safety emphasis and multiple shift training. However, as transformation and force modernization initiatives develop, new equipment will continue to be fielded further increasing the amount of instructional space needed to safely conduct all required instruction.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the USAALS will be unable to keep pace with training technology and adhere to desired training and safety standards. Immediate impacts will be additional trainers will be stored outside, increasing the school's security risk and exposing trainers and students to adverse weather; further reduction or elimination of required safety zones, increasing the risk of injury to Soldiers and employees; and increases in second and third shift training which impacts the school's quality of life and training effectiveness. Forecasted Active/Reserve component Army training continues to increase. New training devices must be installed in space designated for other training, which adversely impacts training quality and capacity.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.</p> | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Joint Base Langley-Eustis, Virginia

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Aviation Training Facility | 5. PROJECT NUMBER 59005 |
|--|--------------------------------|

ADDITIONAL: (CONTINUED)

Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
 - (1) Status:
 - (a) Date Design Started..... OCT 2010
 - (b) Percent Complete As Of January 2011..... 15.00
 - (c) Date 35% Designed..... MAR 2011
 - (d) Date Design Complete..... OCT 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build
 - (g) An energy study and life cycle cost analysis will be documented during the final design.
 - (2) Basis:
 - (a) Standard or Definitive Design: NO
 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 1,003
 - (b) All Other Design Costs..... 1,254
 - (c) Total Design Cost..... 2,257
 - (d) Contract..... 1,254
 - (e) In-house..... 1,003
 - (4) Construction Contract Award..... JAN 2012
 - (5) Construction Start..... APR 2012
 - (6) Construction Completion..... JAN 2014

| | | |
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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Joint Base Langley-Eustis, Virginia

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Aviation Training Facility | 5. PROJECT NUMBER 59005 |
|--|--------------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| NA | | | |

Installation Engineer: Richard Reynal
Phone Number: 757-878-5342

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2012
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

| STATE | INSTALLATION (COMMAND) | NEW/ | | | |
|---------------|---|---------------|---------------|---------|-------|
| ----- PROJECT | ----- | AUTHORIZATION | APPROPRIATION | CURRENT | |
| NUMBER | PROJECT TITLE | REQUEST | REQUEST | MISSION | PAGE |
| ----- | ----- | ----- | ----- | ----- | ----- |
| Washington | Joint Base Lewis-McChord (FORSCOM) | | | | 397 |
| 53637 | Brigade Complex, Ph 2 | 56,000 | 56,000 | C | 399 |
| 58046 | Operational Readiness Training Cplx, Ph 1 | 28,000 | 28,000 | C | 403 |
| 60344 | Air Support Operations Facilities | 7,300 | 7,300 | C | 407 |
| 64014 | Battalion Complex | 59,000 | 59,000 | C | 411 |
| 66206 | Infrastructure, Ph 1 | 64,000 | 64,000 | C | 415 |
| 76767 | Aviation Unit Complex, Ph 1A | 34,000 | 34,000 | C | 419 |
| 76768 | Aviation Complex, Ph 1B | 48,000 | 48,000 | C | 423 |
| | Subtotal Joint Base Lewis-McChord Part I | \$ 296,300 | 296,300 | | |
| | * TOTAL MCA FOR Washington | \$ 296,300 | 296,300 | | |
| | ** TOTAL INSIDE THE UNITED STATES FOR MCA | \$ 2,583,850 | 2,583,850 | | |

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| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROGRAM | | | | | 2. DATE 10 FEB 2011 | | | | |
| 3. INSTALLATION AND LOCATION Joint Base Lewis-McChord Washington | | | 4. COMMAND US Army Installation Management Command | | | 5. AREA CONSTRUCTION COST INDEX 1.14 | | | | | |
| 6. PERSONNEL STRENGTH: | | | | | | | | | | | |
| | | PERMANENT | | | STUDENTS | | | SUPPORTED | | | |
| | | OFFICER | ENLIST | CIVIL | OFFICER | ENLIST | CIVIL | OFFICER | ENLIST | CIVIL | TOTAL |
| A. AS OF 05 NOV 2010 | | 4745 | 28311 | 4504 | 28 | 322 | 0 | 1284 | 6213 | 8937 | 54,344 |
| B. END FY 2016 | | 4981 | 29699 | 5298 | 21 | 253 | 0 | 1226 | 6079 | 8376 | 55,933 |
| 7. INVENTORY DATA (\$000) | | | | | | | | | | | |
| A. TOTAL AREA..... | | 0 ha | | | (0 AC) | | | | | | |
| B. INVENTORY TOTAL AS OF | | | | | | | | | | | 0 |
| C. AUTHORIZATION NOT YET IN INVENTORY..... | | | | | | | | | | | 1,824,587 |
| D. AUTHORIZATION REQUESTED IN THE FY 2012 PROGRAM..... | | | | | | | | | | | 296,300 |
| E. AUTHORIZATION INCLUDED IN THE FY 2013 PROGRAM..... | | | | | | | | | | | 464,950 |
| F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY)..... | | | | | | | | | | | 0 |
| G. REMAINING DEFICIENCY..... | | | | | | | | | | | 0 |
| H. GRAND TOTAL..... | | | | | | | | | | | 2,585,837 |
| 8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2012 PROGRAM: | | | | | | | | | | | |
| CATEGORY PROJECT | | | | | | COST | | DESIGN STATUS | | | |
| CODE | NUMBER | PROJECT TITLE | | | (\$000) | | START | COMPLETE | | | |
| 721 | 53637 | Brigade Complex, Ph 2 | | | 56,000 | | 10/2010 | 10/2012 | | | |
| 721 | 58046 | Operational Readiness Training Cplx, Ph 1 | | | 28,000 | | 10/2010 | 10/2011 | | | |
| 171 | 60344 | Air Support Operations Facilities | | | 7,300 | | 08/2010 | 10/2011 | | | |
| 721 | 64014 | Battalion Complex | | | 59,000 | | 09/2009 | 09/2012 | | | |
| 851 | 66206 | Infrastructure, Ph 1 | | | 64,000 | | 09/2009 | 10/2011 | | | |
| 847 | 76768 | Aviation Complex, Ph 1B | | | 48,000 | | 07/2010 | 10/2011 | | | |
| 721 | 76767 | Aviation Complex, Ph 1A | | | 34,000 | | 09/2009 | 07/2012 | | | |
| TOTAL | | | | | 296,300 | | | | | | |
| 9. FUTURE PROJECT APPROPRIATIONS: | | | | | | | | | | | |
| CATEGORY | | | | | | COST | | | | | |
| CODE | PROJECT TITLE | | | (\$000) | | | | | | | |
| A. INCLUDED IN THE FY 2013 PROGRAM: | | | | | | | | | | | |
| 740 | Physical Fitness Center | | | 48,000 | | | | | | | |
| 141 | Brigade Headquarters Building | | | 97,000 | | | | | | | |
| 721 | Battalion Complex | | | 90,000 | | | | | | | |
| 721 | Brigade Complex | | | 103,000 | | | | | | | |
| 141 | Brigade Complex | | | 45,000 | | | | | | | |
| 178 | Modified Record Fire Range | | | 4,950 | | | | | | | |
| 610 | Corps Headquarters & TEMF | | | 77,000 | | | | | | | |
| TOTAL | | | | | 464,950 | | | | | | |
| B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE | | | | | | | | | | | |
| C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): N/A | | | | | | | | | | | |

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|----------------------|---------------------------------------|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | 2. DATE 10 FEB 2011 |
|----------------------|---------------------------------------|------------------------|

INSTALLATION AND LOCATION: Joint Base Lewis-McChord, Washington

10. MISSION OR MAJOR FUNCTIONS:

I Corps: On order, deploy to conduct operations across the military spectrum of conflict as a Joint Force Headquarters (Joint Task Force, Combined or Multi-National/Joint Force Land Component Command) or as an Army Corps. Maintain trained and ready forces for Combatant Commanders worldwide.
 Team Lewis-McChord: Operate a state-of-the-art power generation platform for warfighters by providing them with superior training support and infrastructure. Train, deploy, and redeploy ready forces. Support the Transformation of I Corps and Joint Base Lewis-McChord. Maintain the well-being of our Soldiers, civilians, retirees, and their families.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

| | |
|-----------------------------------|---------|
| | (\$000) |
| A. AIR POLLUTION | 0 |
| B. WATER POLLUTION | 0 |
| C. OCCUPATIONAL SAFETY AND HEALTH | 0 |

| | | | | | | |
|--|--|--|-------------------------------|--|--|--------------|
| 1.COMONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2.DATE 10 FEB 2011 | |
| 3.INSTALLATION AND LOCATION Joint Base Lewis-McChord Washington | | | | 4.PROJECT TITLE Brigade Complex, Ph 2 | | |
| 5.PROGRAM ELEMENT 22096A | | 6.CATEGORY CODE 721 | 7.PROJECT NUMBER 53637 | | 8.PROJECT COST (\$000) Auth 56,000 Approp 56,000 | |
| 9.COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 41,555 |
| Barracks | | m2 (SF) | 4,994 (53,758) | | 2,422 | (12,096) |
| Vehicle Maintenance Shop | | m2 (SF) | 3,411 (36,720) | | 2,769 | (9,447) |
| Battalion HQs w/Classrooms | | m2 (SF) | 3,430 (36,924) | | 2,660 | (9,126) |
| Organizational Vehicle Parking | | m2 (SY) | 53,512 (64,000) | | 127.28 | (6,811) |
| Organizational Storage | | m2 (SF) | 1,115 (12,000) | | 1,121 | (1,250) |
| Total from Continuation page | | | | | | (2,825) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 7,484 |
| Electric Service | | LS | -- | | -- | (1,482) |
| Water, Sewer, Gas | | LS | -- | | -- | (310) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (1,248) |
| Storm Drainage | | LS | -- | | -- | (382) |
| Site Imp(2,190) Demo(150) | | LS | -- | | -- | (2,340) |
| Information Systems | | LS | -- | | -- | (1,722) |
| ESTIMATED CONTRACT COST | | | | | | 49,039 |
| CONTINGENCY (5.00%) | | | | | | 2,452 |
| SUBTOTAL | | | | | | 51,491 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 2,935 |
| DESIGN/BUILD - DESIGN COST | | | | | | 2,060 |
| TOTAL REQUEST | | | | | | 56,486 |
| TOTAL REQUEST (ROUNDED) | | | | | | 56,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10.Description of Proposed Construction This project is a multi-phased project. Phase 1 (PN 64457) was requested in FY 2011 for \$47M. This phase, phase 2, is requested in FY2012 for \$56M. The remaining phases will be planned and programmed in future Army program years. This phase is to construct standard facilities for a brigade complex. This project includes barracks for 144 Soldiers, two battalion headquarters with classrooms, two small Vehicle Maintenance Facilities for a unit that is in the construction footprint, organizational storage, oil and hazardous waste storage, organizational vehicle parking, building information systems, fire protection and alarm systems, installation of Intrusion Detection System (IDS), and Energy Monitoring and Control Systems (EMCS) connection. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include site development, utilities and connections, lighting, paving, parking, walks, curbs and gutters, storm drainage, information systems, landscaping and signage. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. Heating will be provided by existing heating | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|-----------------------------|--|------------------------|

3. INSTALLATION AND LOCATION
Joint Base Lewis-McChord, Washington

| | |
|---|----------------------------|
| 4. PROJECT TITLE Brigade Complex, Ph 2 | 5. PROJECT NUMBER 53637 |
|---|----------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|-----------------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| Oil Storage Building | m2 (SF) | 111.48 (1,200) | 1,301 | (145) |
| Hazardous Waste Storage | m2 (SF) | 111.48 (1,200) | 1,941 | (216) |
| IDS Installation | LS | -- | -- | (130) |
| EMCS Connection | LS | -- | -- | (125) |
| SDD and EPAct05 | LS | -- | -- | (622) |
| Antiterrorism Measures | LS | -- | -- | (190) |
| Building Information Systems | LS | -- | -- | (1,397) |
| | | | Total | 2,825 |

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
plant. Demolish 2 buildings at Fort Lewis, WA (TOTAL 703 m2/7,562 SF).

11. REQ: 9,717 PN ADQT: 7,440 PN SUBSTD: 5,732 PN
PROJECT: Construct a Brigade Complex, Phase 2 at Joint Base Lewis-McChord (JBLM), Washington. (Current Mission)
REQUIREMENT: This project is required to provide permanent facilities for a Brigade Combat Team at Joint Base Lewis-McChord. This project provides 144 barracks spaces, two Battalion Headquarters with classrooms and two small Vehicle Maintenance Facilities. Maximum barracks utilization is 144 spaces. The intended use is for 100 junior enlisted Soldiers and 22 junior noncommissioned officers.
CURRENT SITUATION: The Brigade Combat Team is currently occupying inadequate, aging and temporary facilities. Other adequate permanent facilities are not available on Joint Base Lewis-McChord. Current temporary or modular facilities are located in areas on the installation that will not allow for the consolidation of the brigade components. Supporting functions of administration, motor pool access, barracks are at separate locations, causing inefficient working conditions for the Soldiers.
IMPACT IF NOT PROVIDED: If this project is not provided, the Brigade Combat Team will continue to live and work in inadequate facilities that are too small, do not meet the Army standards, and the unit will remain scattered throughout the installation. Without permanent planned facilities, the Brigade Combat Team will be unable to function cohesively to accomplish their mission.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be

| | | |
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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Joint Base Lewis-McChord, Washington

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Brigade Complex, Ph 2 | 5. PROJECT NUMBER 53637 |
|---|--------------------------------|

ADDITIONAL: (CONTINUED)
available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.
During the past two years, \$21.1M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Joint Base Lewis-McChord. Upon completion of this multi-phased project and other projects approved through FY 2012, the remaining unaccompanied enlisted permanent party deficit is 1,244 personnel at this installation.

| | FY2011 (\$000) | Requested FY2012 (\$000) | FYDP |
|-----------------------------------|----------------|-----------------------------|------|
| Authorization | \$47,000 | \$56,000 | TBD |
| Authorization of Appropriation | \$47,000 | \$56,000 | TBD |
| Appropriation | \$47,000 | \$56,000 | TBD |

12. SUPPLEMENTAL DATA:
A. Estimated Design Data:
(1) Status:
(a) Date Design Started..... OCT 2010
(b) Percent Complete As Of January 2011..... 15.00
(c) Date 35% Designed..... JAN 2012
(d) Date Design Complete..... OCT 2012
(e) Parametric Cost Estimating Used to Develop Costs YES
(f) Type of Design Contract: Design-build
(g) An energy study and life cycle cost analysis will be documented during the final design.
(2) Basis:
(a) Standard or Definitive Design: YES
(b) Where Most Recently Used:
Fort Lewis
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Joint Base Lewis-McChord, Washington

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Brigade Complex, Ph 2 | 5. PROJECT NUMBER 53637 |
|---|--------------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

| | |
|---|----------|
| (a) Production of Plans and Specifications..... | 520 |
| (b) All Other Design Costs..... | 1,561 |
| (c) Total Design Cost..... | 2,081 |
| (d) Contract..... | 1,561 |
| (e) In-house..... | 520 |
| (4) Construction Contract Award..... | JAN 2012 |
| (5) Construction Start..... | APR 2012 |
| (6) Construction Completion..... | APR 2014 |

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-------------------------------|--------------------------------|--|---------------------|
| NA | | | |

Installation Engineer: Steven T. Perrenot
Phone Number: 253-967-3191

| | | | | | | |
|--|--|--|--|--|---|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Joint Base Lewis-McChord Washington | | | 4. PROJECT TITLE Operational Readiness Training Cplx, Ph 1 | | | |
| 5. PROGRAM ELEMENT 22096A | | 6. CATEGORY CODE 721 | 7. PROJECT NUMBER 58046 | | 8. PROJECT COST (\$000) Auth 28,000 Approp 28,000 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 20,237 |
| Barracks, Transient Training | | m2 (SF) | 5,791 (62,338) | | 1,924 | (11,140) |
| Dining Facility, Transient Trng | | m2 (SF) | 1,970 (21,202) | | 4,050 | (7,977) |
| EMCS Connections | | LS | -- | | -- | (113) |
| SDD and EPAct05 | | LS | -- | | -- | (382) |
| Antiterrorism Measures | | LS | -- | | -- | (279) |
| Building Information Systems | | LS | -- | | -- | (346) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 5,414 |
| Electric Service | | LS | -- | | -- | (1,755) |
| Water, Sewer, Gas | | LS | -- | | -- | (180) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (1,676) |
| Storm Drainage | | LS | -- | | -- | (389) |
| Site Imp(527) Demo() | | LS | -- | | -- | (527) |
| Information Systems | | LS | -- | | -- | (887) |
| ESTIMATED CONTRACT COST | | | | | | 25,651 |
| CONTINGENCY (5.00%) | | | | | | 1,283 |
| SUBTOTAL | | | | | | 26,934 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 1,535 |
| TOTAL REQUEST | | | | | | 28,469 |
| TOTAL REQUEST (ROUNDED) | | | | | | 28,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10. Description of Proposed Construction This project is a multi-phased project. This phase is Phase 1 for \$28M. The remaining phases will be planned and programmed in future Army program years. Construct standard transient enlisted barracks, transient trainee dining facility, building information systems, fire protection and alarm systems, and Energy Monitoring and Control Systems (EMCS) connection. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include site development, utilities and connections, lighting, paving, parking, walks, curbs and gutters, storm drainage, information systems, landscaping and signage. Heating will be provided by self-contained system. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided in public areas. Air Conditioning (Estimated 67 kW/19 Tons). | | | | | | |
| 11. REQ: | | 3,700 PN | ADQT: NONE | | SUBSTD: | 5,455 PN |
| PROJECT: Construct phase 1 of a standard battalion sized Operational Readiness Training Complex (ORTC) at Joint Base Lewis-McChord, Washington. (Current Mission) | | | | | | |

| | | |
|---|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Joint Base Lewis-McChord, Washington | | |
| 4. PROJECT TITLE Operational Readiness Training Cplx, Ph 1 | 5. PROJECT NUMBER 58046 | |
| <p><u>REQUIREMENT:</u> This project is Phase One of three phases and is required to provide a permanent training site for mobilization/demobilization, reserve and national guard annual training, Warrior Forge guard units, Reserve Officer Training Corps (ROTC) training, and active units involved in training exercises. The three phases will provide housing, dining, and administrative facilities for Soldiers, ROTC cadets, and cadre.</p> <p><u>CURRENT SITUATION:</u> The current mobilization/demobilization, annual training, and Warrior Forge facilities are currently housed in temporary World War II wood buildings which were constructed in 1941. Warrior Forge currently uses approximately 650,000 SF of D block for cadet billets and headquarters and an additional 350,000 SF in B and E blocks for cadre billets and other administrative requirements. Twelve facilities are currently utilized for dining activities (26,484 SF) in this area. Minimum work continues to be done in these buildings with the intent to keep the buildings safe and habitable and not to extend facility life.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided Soldiers will continue to live, work and train in World War II wood facilities that have exceeded their life expectancy. These facilities also have plumbing, heating, electrical, and other utility systems that will continue to deteriorate resulting in more frequent system repairs, possible system failure, and impact health and safety.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p> | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Joint Base Lewis-McChord, Washington

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Operational Readiness Training Cplx, Ph 1 | 5. PROJECT NUMBER 58046 |
|---|--------------------------------|

| | Requested FY2012 (\$000) | FYDP |
|-----------------------------------|-----------------------------|------|
| Authorization | \$28,000 | TBD |
| Authorization of Appropriation | \$28,000 | TBD |
| Appropriation | \$28,000 | TBD |

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... OCT 2010

(b) Percent Complete As Of January 2011..... 10.00

(c) Date 35% Designed..... MAR 2011

(d) Date Design Complete..... OCT 2011

(e) Parametric Cost Estimating Used to Develop Costs YES

(f) Type of Design Contract: Design-bid-build

(g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

(a) Standard or Definitive Design: YES

(b) Where Most Recently Used:
Fort Carson

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

(a) Production of Plans and Specifications..... 1,102

(b) All Other Design Costs..... 1,378

(c) Total Design Cost..... 2,480

(d) Contract..... 1,378

(e) In-house..... 1,102

(4) Construction Contract Award..... JAN 2012

(5) Construction Start..... APR 2012

(6) Construction Completion..... APR 2014

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Joint Base Lewis-McChord, Washington

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Operational Readiness Training Cplx, Ph 1 | 5. PROJECT NUMBER 58046 |
|---|--------------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| NA | | | |

Installation Engineer: Steven T. Perrenot
Phone Number: 253-967-3191

| | | | | | | |
|---|--|---|--------------------------------|---|--|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Joint Base Lewis-McChord Washington | | | | 4. PROJECT TITLE Air Support Operations Facilities | | |
| 5. PROGRAM ELEMENT 22212A | | 6. CATEGORY CODE 171 | 7. PROJECT NUMBER 60344 | | 8. PROJECT COST (\$000) Auth 7,300 Approp 7,300 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 5,441 |
| Weather Squadron Facility | | m2 (SF) | 1,513 (16,286) | | 2,632 | (3,983) |
| Simulator Building | | m2 (SF) | 185.81 (2,000) | | 5,544 | (1,030) |
| Organizational Vehicle Parking | | m2 (SY) | 1,020 (1,220) | | 62.13 | (63) |
| IDS Installation | | LS | -- | | -- | (31) |
| EMCS Connection | | LS | -- | | -- | (36) |
| Total from Continuation page | | | | | | (298) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 1,178 |
| Electric Service | | LS | -- | | -- | (499) |
| Water, Sewer, Gas | | LS | -- | | -- | (73) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (107) |
| Storm Drainage | | LS | -- | | -- | (49) |
| Site Imp(293) Demo() | | LS | -- | | -- | (293) |
| Information Systems | | LS | -- | | -- | (157) |
| ESTIMATED CONTRACT COST | | | | | | 6,619 |
| CONTINGENCY (5.00%) | | | | | | 331 |
| SUBTOTAL | | | | | | 6,950 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 396 |
| TOTAL REQUEST | | | | | | 7,346 |
| TOTAL REQUEST (ROUNDED) | | | | | | 7,300 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10. Description of Proposed Construction Construct a facility to house the Air Support Operations Squadron (ASOS) Training Simulator. This project includes construction of a Weather Squadron Facility, Training Simulator Facility, and Organizational Vehicle Parking. These facilities will include enclosed storage of primary systems vehicles, Energy Monitoring and Control Systems (EMCS) connections, building information systems, installation of Intrusion Detection System (IDS), and Anti-Terrorism/Force Protection (AT/FP) measures such as structural reinforcements, setbacks and reinforced (laminated) glass. Supporting facilities include utilities and connections; electric service, lighting; fire protection and alarm systems; mass notifications systems; paving, walks, curbs and gutters; parking; erosion control and storm drainage; site grading and contouring; information system and site improvements. Access for persons with disabilities will be provided. Comprehensive building and furnishing related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 457 kW/130 Tons). | | | | | | |
| 11. REQ: | | 5,278 m2 | ADQT: | 999 m2 | SUBSTD: | 4,279 m2 |
| PROJECT: Construct Air Support Operations Facility at Joint Base Lewis-McChord (JBLM), Washington. (Current Mission) | | | | | | |

| | | |
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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Joint Base Lewis-McChord, Washington

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Air Support Operations Facilities | 5. PROJECT NUMBER 60344 |
|---|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|----------|--------------|-----------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| SDD and EAct05 | LS | -- | -- | (102) |
| Building Information Systems | LS | -- | -- | (196) |
| | | | Total | 298 |

REQUIREMENT: The Air Support Operations Facility Training Simulator is required for the Air Support Operations Group to maintain training standards, and provide better quality training for service members stationed on JBLM.

CURRENT SITUATION: The ASOS simulator is currently housed in a building constructed in 1944 that is experiencing a number of structural and aesthetic faults including large stress cracks in the roof trusses. The building does not have the correct types and sizes of spaces necessary to effectively support the unit mission and is not a worthwhile asset for reuse. There are no other facilities available that could be used for the unit as a result of the Grow the Army initiatives and force structure increases at JBLM. The deteriorated condition of existing buildings detracts from morale, are expensive to maintain and operate, and are widely dispersed causing excessive wasted time going between facilities.

IMPACT IF NOT PROVIDED: Safe occupancy of this building is becoming a concern. An adequate facility for relocating the ASOS Training simulator is not available due to other critical unit facility demands on the installation. Without the construction of a new facility, Soldiers will continue to be serviced by substandard facilities and JBLM will be unable to meet its high standard of support for units, from all services, home stationed or training at this installation.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

| | | |
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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Joint Base Lewis-McChord, Washington

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Air Support Operations Facilities | 5. PROJECT NUMBER 60344 |
|---|--------------------------------|

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... AUG 2010
 - (b) Percent Complete As Of January 2011..... 15.00
 - (c) Date 35% Designed..... MAY 2011
 - (d) Date Design Complete..... OCT 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build
 - (g) An energy study and life cycle cost analysis will be documented during the final design.

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

 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 281
 - (b) All Other Design Costs..... 352
 - (c) Total Design Cost..... 633
 - (d) Contract..... 352
 - (e) In-house..... 281

 - (4) Construction Contract Award..... JAN 2012
 - (5) Construction Start..... APR 2012
 - (6) Construction Completion..... APR 2013

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Joint Base Lewis-McChord, Washington

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Air Support Operations Facilities | 5. PROJECT NUMBER 60344 |
|---|--------------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| NA | | | |

Installation Engineer: Steve Perrenot
Phone Number: 253-967-3191

| | | | | | | |
|--|--|--|----------------------------|---------------------------------------|---|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Joint Base Lewis-McChord Washington | | | | 4. PROJECT TITLE Battalion Complex | | |
| 5. PROGRAM ELEMENT 22096A | | 6. CATEGORY CODE 721 | 7. PROJECT NUMBER 64014 | | 8. PROJECT COST (\$000) Auth 59,000 Approp 59,000 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 42,839 |
| Barracks | | m2 (SF) | 6,382 (68,691) | | 2,334 | (14,897) |
| Company Operations Facilities | | m2 (SF) | 4,201 (45,222) | | 2,208 | (9,276) |
| Covered Hardstand | | m2 (SF) | 648.83 (6,984) | | 951.00 | (617) |
| Vehicle Maintenance Shop | | m2 (SF) | 3,344 (35,996) | | 2,520 | (8,429) |
| Battalion HQ w/Classrooms | | m2 (SF) | 1,554 (16,728) | | 2,609 | (4,054) |
| Total from Continuation page | | | | | | (5,566) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 8,662 |
| Electric Service | | LS | -- | | -- | (2,193) |
| Water, Sewer, Gas | | LS | -- | | -- | (625) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (1,144) |
| Storm Drainage | | LS | -- | | -- | (647) |
| Site Imp(3,137) Demo() | | LS | -- | | -- | (3,137) |
| Information Systems | | LS | -- | | -- | (765) |
| Antiterrorism Measures | | LS | -- | | -- | (151) |
| ESTIMATED CONTRACT COST | | | | | | 51,501 |
| CONTINGENCY (5.00%) | | | | | | 2,575 |
| SUBTOTAL | | | | | | 54,076 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 3,082 |
| DESIGN/BUILD - DESIGN COST | | | | | | 2,163 |
| TOTAL REQUEST | | | | | | 59,321 |
| TOTAL REQUEST (ROUNDED) | | | | | | 59,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10. Description of Proposed Construction Construct a battalion complex. Primary facilities include standard design barracks, battalion headquarters building with classrooms, company operation facilities with covered hardstand, vehicle maintenance shop, organizational storage, oil and hazardous waste storage, building information systems, and organizational vehicle parking. Supporting facilities include site utilities and connections; exterior lighting; information systems, fencing; fire protection and alarm system; walks, curbs, and gutters, parking, landscaping, and site improvements. Work will include installation of Intrusion Detection System (IDS), connection to Energy Monitoring and Control System (EMCS) and mass notification systems. Anti-terrorism measures will include laminated glass, re-inforced window and door framing and traffic control barriers. Project includes self contained heating and ventilation systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. Air Conditioning (Estimated 148 kW/42 Tons). | | | | | | |

| | | |
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| 1. COMPONENT | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE |
| ARMY | | 10 FEB 2011 |

3. INSTALLATION AND LOCATION
 Joint Base Lewis-McChord, Washington

| | |
|-------------------|-------------------|
| 4. PROJECT TITLE | 5. PROJECT NUMBER |
| Battalion Complex | 64014 |

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|------------------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| Organizational Vehicle Parking | m2 (SY) | 29,624 (35,430) | 93.81 | (2,779) |
| Organizational Storage | m2 (SF) | 390.19 (4,200) | 1,384 | (540) |
| Oil Storage Building | m2 (SF) | 44.59 (480) | 1,324 | (59) |
| Hazardous Waste Storage | m2 (SF) | 44.59 (480) | 1,065 | (47) |
| IDS Installation | LS | -- | -- | (61) |
| EMCS Connection | LS | -- | -- | (384) |
| SDD and EPAct05 | LS | -- | -- | (733) |
| Antiterrorism Measures | LS | -- | -- | (224) |
| Building Information Systems | LS | -- | -- | (739) |
| | | | Total | 5,566 |

11. REQ: 9,717 PN ADQT: 7,440 PN SUBSTD: 5,732 PN
 PROJECT: Construct a standard battalion complex at Joint Base Lewis-McChord, Washington. (Current Mission)
 REQUIREMENT: The project is required to provide adequate administrative, operational, barracks, and vehicle maintenance facilities to support a Battalion Complex at Joint Base Lewis-McChord (JBLM), Washington. Maximum barracks utilization is 184 enlisted Soldiers. The intended use is for 128 junior enlisted Soldiers and 28 junior noncommissioned officers.
 CURRENT SITUATION: Permanent facilities required to support the relocation of a Battalion to JBLM are not available. Existing facilities are inadequate to support this mission in accordance with current standards.
 IMPACT IF NOT PROVIDED: If this project is not provided, the Battalion will not have adequate permanent facilities in which to accomplish their mission. The Battalion will be scattered throughout the installation in temporary, permanent and modular facilities. Administrative functions will have to be accommodated in 50% of the required space, causing doubling up of occupants in these spaces.
 ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|----------------------------|------------------------------|----------|--|-------|----------------------------|----------|-------------------------------|----------|--|-----|---|--|--|--|--|--|---|--|---|-----|---------------------------------|-------|----------------------------|-------|-------------------|-------|-------------------|-----|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. INSTALLATION AND LOCATION Joint Base Lewis-McChord, Washington | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. PROJECT TITLE Battalion Complex | 5. PROJECT NUMBER 64014 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>ADDITIONAL: (CONTINUED)</p> <p>accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p> <p>During the past two years, \$21.1M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Joint Base Lewis-McChord. Upon completion of this multi-phased project and other projects approved through FY 2012, the remaining unaccompanied enlisted permanent party deficit is 1,244 personnel at this installation.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>12. SUPPLEMENTAL DATA:</p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr><td>(a) Date Design Started.....</td><td>SEP 2009</td></tr> <tr><td>(b) Percent Complete As Of January 2011.....</td><td>15.00</td></tr> <tr><td>(c) Date 35% Designed.....</td><td>JAN 2012</td></tr> <tr><td>(d) Date Design Complete.....</td><td>SEP 2012</td></tr> <tr><td>(e) Parametric Cost Estimating Used to Develop Costs</td><td>YES</td></tr> <tr><td>(f) Type of Design Contract: Design-build</td><td></td></tr> <tr><td>(g) An energy study and life cycle cost analysis will be documented during the final design.</td><td></td></tr> </table> <p>(2) Basis:</p> <table border="0"> <tr><td>(a) Standard or Definitive Design: YES</td><td></td></tr> <tr><td>(b) Where Most Recently Used: Fort Lewis</td><td></td></tr> </table> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table border="0"> <tr><td>(a) Production of Plans and Specifications.....</td><td>864</td></tr> <tr><td>(b) All Other Design Costs.....</td><td>1,440</td></tr> <tr><td>(c) Total Design Cost.....</td><td>2,304</td></tr> <tr><td>(d) Contract.....</td><td>1,440</td></tr> <tr><td>(e) In-house.....</td><td>864</td></tr> </table> <p>(4) Construction Contract Award..... JAN 2012</p> <p>(5) Construction Start..... APR 2012</p> <p>(6) Construction Completion..... APR 2014</p> | | | (a) Date Design Started..... | SEP 2009 | (b) Percent Complete As Of January 2011..... | 15.00 | (c) Date 35% Designed..... | JAN 2012 | (d) Date Design Complete..... | SEP 2012 | (e) Parametric Cost Estimating Used to Develop Costs | YES | (f) Type of Design Contract: Design-build | | (g) An energy study and life cycle cost analysis will be documented during the final design. | | (a) Standard or Definitive Design: YES | | (b) Where Most Recently Used: Fort Lewis | | (a) Production of Plans and Specifications..... | 864 | (b) All Other Design Costs..... | 1,440 | (c) Total Design Cost..... | 2,304 | (d) Contract..... | 1,440 | (e) In-house..... | 864 |
| (a) Date Design Started..... | SEP 2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (b) Percent Complete As Of January 2011..... | 15.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (c) Date 35% Designed..... | JAN 2012 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (d) Date Design Complete..... | SEP 2012 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (e) Parametric Cost Estimating Used to Develop Costs | YES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (f) Type of Design Contract: Design-build | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (g) An energy study and life cycle cost analysis will be documented during the final design. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (a) Standard or Definitive Design: YES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (b) Where Most Recently Used: Fort Lewis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (a) Production of Plans and Specifications..... | 864 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (b) All Other Design Costs..... | 1,440 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (c) Total Design Cost..... | 2,304 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (d) Contract..... | 1,440 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (e) In-house..... | 864 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Joint Base Lewis-McChord, Washington

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Battalion Complex | 5. PROJECT NUMBER 64014 |
|---|--------------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| NA | | | |

Installation Engineer: Steve Perrenot
Phone Number: 253-967-3191

| | | | | | | |
|--|--|--|----------------------------|--|---|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Joint Base Lewis-McChord Washington | | | | 4. PROJECT TITLE Infrastructure, Ph 1 | | |
| 5. PROGRAM ELEMENT 22096A | | 6. CATEGORY CODE 851 | 7. PROJECT NUMBER 66206 | | 8. PROJECT COST (\$000) Auth 64,000 Approp 64,000 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 37,406 |
| Roads, Surfaced | | m2 (SY) | 95,796 (114,571) | | 87.99 | (8,429) |
| Access Control Point | | EA | 1 -- | | 8371102 | (8,371) |
| Reservoir, Potable | | EA | 3 -- | | 2552049 | (7,656) |
| Primary Feeder | | m (LF) | 14,382 (47,185) | | 451.15 | (6,488) |
| Multi-purpose Athletics Field | | EA | 4 -- | | 1432052 | (5,728) |
| Total from Continuation page | | | | | | (734) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 20,656 |
| Electric Service | | LS | -- | | -- | (6,918) |
| Water, Sewer, Gas | | LS | -- | | -- | (2,107) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (5,280) |
| Storm Drainage | | LS | -- | | -- | (3,463) |
| Site Imp(2,228) Demo() | | LS | -- | | -- | (2,228) |
| Information Systems | | LS | -- | | -- | (660) |
| ESTIMATED CONTRACT COST | | | | | | 58,062 |
| CONTINGENCY (5.00%) | | | | | | 2,903 |
| SUBTOTAL | | | | | | 60,965 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 3,475 |
| TOTAL REQUEST | | | | | | 64,440 |
| TOTAL REQUEST (ROUNDED) | | | | | | 64,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10. Description of Proposed Construction This project consists of two phases. Phase 2 will be requested in a future year. This phase, Phase 1 for \$64M, will provide roads, traffic signals, intersection improvements, electrical distribution system, potable water supply, access control point, athletic fields, and connection to Energy Monitoring and Control System (EMCS). A standby generator is needed to support the access control point. Supporting facilities will include connection to all utilities; water, sewer, electrical, storm drainage and information systems and general site improvements. Road improvements include roadway lighting; signals; sidewalks; signage and landscaping. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. | | | | | | |
| 11. REQ: 4,904,050 m2 ADQT: 4,808,254 m2 SUBSTD: 334,451 m2 | | | | | | |
| PROJECT: Construct infrastructure improvements at Joint Base Lewis-McChord (JBLM), Washington. (Current mission) | | | | | | |
| REQUIREMENT: This security improvement, recreational improvement and infrastructure expansion and realignment is required to correct existing AT/FP deficiencies and support the stationing of new Army units at JBLM. | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION
Joint Base Lewis-McChord, Washington

| | |
|--|----------------------------|
| 4. PROJECT TITLE Infrastructure, Ph 1 | 5. PROJECT NUMBER 66206 |
|--|----------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|----------------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| Traffic Signals | EA | 1 -- | 515,054 | (515) |
| Intersection Improvements | m2 (SY) | 2,140 (2,560) | 35.32 | (76) |
| Standby Generator | EA | 1 -- | 90,739 | (91) |
| EMCS Connection | LS | -- | -- | (10) |
| SDD and EPAct05 | LS | -- | -- | (18) |
| Building Information Systems | LS | -- | -- | (24) |
| | | | Total | 734 |

CURRENT SITUATION: Currently the North Fort and Downtown Area of JBLM have been designated to support various Army Stationing initiatives. This area will be required to be revitalized in order to support the additional troop load. The age of the current infrastructure will require substantial upgrade to support higher health safety and security requirements.

IMPACT IF NOT PROVIDED: If this project is not provided, when the new facilities are constructed to accept the Army units that will relocate to JBLM, the existing ACP system and infrastructure will not be able to adequately support the new population. This will continue to put an unacceptable burden on the existing JBLM infrastructure creating the increasing potential for systems brakedown. The ability of the units (to which these personnel are assigned) to perform their missions will be detrimentally affected.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Joint Base Lewis-McChord, Washington

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Infrastructure, Ph 1 | 5. PROJECT NUMBER 66206 |
|--|--------------------------------|

| | Requested FY2012 (\$000) | FYDP |
|-----------------------------------|-----------------------------|------|
| Authorization | \$64,000 | TBD |
| Authorization of Appropriation | \$64,000 | TBD |
| Appropriation | \$64,000 | TBD |

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... SEP 2009
 - (b) Percent Complete As Of January 2011..... 35.00
 - (c) Date 35% Designed..... JAN 2011
 - (d) Date Design Complete..... OCT 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build
 - (g) An energy study and life cycle cost analysis will be documented during the final design.

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

 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 1,872
 - (b) All Other Design Costs..... 3,120
 - (c) Total Design Cost..... 4,992
 - (d) Contract..... 3,120
 - (e) In-house..... 1,872

 - (4) Construction Contract Award..... JAN 2012

 - (5) Construction Start..... APR 2012

 - (6) Construction Completion..... APR 2014

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Joint Base Lewis-McChord, Washington

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Infrastructure, Ph 1 | 5. PROJECT NUMBER 66206 |
|--|--------------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| NA | | | |

Installation Engineer: Steve Perrenot
Phone Number: 253-967-3191

| | | | | | | |
|---|--|--|--------------------------------|--|---|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Joint Base Lewis-McChord Washington | | | | 4. PROJECT TITLE Aviation Unit Complex, Ph 1A | | |
| 5. PROGRAM ELEMENT 22096A | | 6. CATEGORY CODE 721 | 7. PROJECT NUMBER 76767 | | 8. PROJECT COST (\$000) Auth 34,000 Approp 34,000 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 26,240 |
| Barracks | | m2 (SF) | 9,156 (98,556) | | 2,245 | (20,554) |
| Relocate Athletic Field | | EA | 1 -- | | 2841237 | (2,841) |
| EMCS Connection | | EA | 4 -- | | 22,494 | (90) |
| SDD and EPAct05 | | LS | -- | | -- | (411) |
| Antiterrorism Measures | | LS | -- | | -- | (29) |
| Building Information Systems | | LS | -- | | -- | (2,315) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 3,706 |
| Electric Service | | LS | -- | | -- | (333) |
| Water, Sewer, Gas | | LS | -- | | -- | (164) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (901) |
| Storm Drainage | | LS | -- | | -- | (461) |
| Site Imp(483) Demo() | | LS | -- | | -- | (483) |
| Information Systems | | LS | -- | | -- | (1,335) |
| Antiterrorism Measures | | LS | -- | | -- | (29) |
| ESTIMATED CONTRACT COST | | | | | | 29,946 |
| CONTINGENCY (5.00%) | | | | | | 1,497 |
| SUBTOTAL | | | | | | 31,443 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 1,792 |
| DESIGN/BUILD - DESIGN COST | | | | | | 1,258 |
| TOTAL REQUEST | | | | | | 34,493 |
| TOTAL REQUEST (ROUNDED) | | | | | | 34,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | (1,691) |
| 10. Description of Proposed Construction This project is a multi-phased project. This phase is Phase 1A, (PN 76767) for \$34M in FY 2012. Phase 1B, (PN 76768) for \$48M is requested in FY 2012. The remaining phases will be planned and programmed in future Army program years. Construct a standard design Aviation Complex. Primary facilities include barracks for 268 Soldiers and athletic field relocation and upgrade. The recreational ballfields will be relocated out of the new construction footprint. Supporting facilities include site utilities, exterior lighting, information systems, fencing, fire protection and alarm systems, walks, curbs and gutters, parking, landscaping and site improvement. Project will include Energy Monitoring and Control System (EMCS) connections and mass notification systems. Anti-terrorism measures will include laminated glass, reinforced window and door framing and traffic control barriers. Heating will be provided by the existing heating plant. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. | | | | | | |

| | | |
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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Joint Base Lewis-McChord, Washington | | |
| 4. PROJECT TITLE Aviation Unit Complex, Ph 1A | 5. PROJECT NUMBER 76767 | |
| | | |
| 11. REQ: 9,717 PN ADQT: 7,440 PN SUBSTD: 5,732 PN | | |
| PROJECT: Construct a standard design Aviation Complex Phase 1A at Joint Base Lewis-McChord (JBLM), Washington. (Current Mission) | | |
| REQUIREMENT: This project is Phase 1A of two phases that are required to provide adequate aircraft maintenance, aircraft parking, parts storage, administrative and operational space, barracks, dining, vehicle maintenance, control tower space, fire protection and infrastructure to support Aviation units at Joint Base Lewis-McChord, Washington. Maximum barracks utilization is 268 Soldiers. The intended use is for 188 junior enlisted Soldiers and 40 junior noncommissioned officers. | | |
| CURRENT SITUATION: Units supported by this project are currently housed at Joint Base Lewis-McChord in existing temporary, relocatable facilities for administrative functions and substandard permanent facilities for barracks and hangar space, which are inadequate to support their mission in accordance with current standards. The facilities are scattered in various locations on the installation and do not contribute to operational efficiency. | | |
| IMPACT IF NOT PROVIDED: If this project is not provided, the units supported will not have adequate permanent barracks facilities. The units will be scattered throughout the installation in temporary, substandard permanent and modular facilities. | | |
| ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders. | | |
| During the past two years, \$21.1M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Joint Base Lewis-McChord. Upon completion of this multi-phased project and other projects approved through FY 2012, the remaining unaccompanied enlisted permanent party deficit is 1,244 personnel at this installation. | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Joint Base Lewis-McChord, Washington

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Aviation Unit Complex, Ph 1A | 5. PROJECT NUMBER 76767 |
|--|--------------------------------|

| | Requested FY2012 (\$000) | FY2012 (\$000) | FYDP |
|-----------------------------------|-----------------------------|----------------|------|
| Authorization | \$34,000 | \$48,000 | TBD |
| Authorization of Appropriation | \$34,000 | \$48,000 | TBD |
| Appropriation | \$34,000 | \$48,000 | TBD |

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... SEP 2009

(b) Percent Complete As Of January 2011..... 15.00

(c) Date 35% Designed..... JAN 2012

(d) Date Design Complete..... JUL 2012

(e) Parametric Cost Estimating Used to Develop Costs YES

(f) Type of Design Contract: Design-build

(g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

(a) Standard or Definitive Design: YES

(b) Where Most Recently Used:
Fort Lewis

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

(a) Production of Plans and Specifications..... 672

(b) All Other Design Costs..... 1,008

(c) Total Design Cost..... 1,680

(d) Contract..... 1,008

(e) In-house..... 672

(4) Construction Contract Award..... JAN 2012

(5) Construction Start..... APR 2012

(6) Construction Completion..... APR 2014

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Joint Base Lewis-McChord, Washington

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Aviation Unit Complex, Ph 1A | 5. PROJECT NUMBER 76767 |
|--|--------------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| Info Sys - ISC | OPA | 2013 | 1,691 |
| | | TOTAL | <u>1,691</u> |

Installation Engineer: Steve Perrenot, PE
Phone Number: 253-967-3191

| | | | | | | |
|---|--|--|----------------------------|---|---|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Joint Base Lewis-McChord Washington | | | | 4. PROJECT TITLE Aviation Complex, Ph 1B | | |
| 5. PROGRAM ELEMENT 22096A | | 6. CATEGORY CODE 847 | 7. PROJECT NUMBER 76768 | | 8. PROJECT COST (\$000) Auth 48,000 Approp 48,000 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 31,566 |
| Storm Water Retention Basin | | L (GA) | 35396059 (9350649) | | .37 | (13,127) |
| Rotary Wing Parking Apron | | m2 (SY) | 78,378 (93,739) | | 159.32 | (12,487) |
| Airfield Aprons | | m2 (SY) | 14,632 (17,500) | | 166.15 | (2,431) |
| Communications Center | | m2 (SF) | 278.71 (3,000) | | 4,698 | (1,309) |
| Grounding System Parking Apron | | EA | 1 -- | | 1127610 | (1,128) |
| Total from Continuation page | | | | | | (1,084) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 12,108 |
| Electric Service | | LS | -- | | -- | (1,797) |
| Storm Drainage | | LS | -- | | -- | (601) |
| Site Imp(8,911) Demo(502) | | LS | -- | | -- | (9,413) |
| Information Systems | | LS | -- | | -- | (297) |
| ESTIMATED CONTRACT COST | | | | | | 43,674 |
| CONTINGENCY (5.00%) | | | | | | 2,184 |
| SUBTOTAL | | | | | | 45,858 |
| SUPV, INSP & OVERHEAD (5.70%) | | | | | | 2,614 |
| TOTAL REQUEST | | | | | | 48,472 |
| TOTAL REQUEST (ROUNDED) | | | | | | 48,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | (2,099) |
| 10. Description of Proposed Construction This project is a multi-phased project. This phase is Phase 1B for \$48M. Phase 1A (PN 76767) is requested in FY2012 for \$34M. The remaining phases will be planned and programmed in future Army program years. Primary facilities include a large stormwater retention basin, aircraft parking apron for rotary wing aircraft, communications center, road improvements to Faith Avenue, and airfield and ground system parking aprons. Special grounding systems for the aprons are required due to soil conditions at Joint Base Lewis-McChord (JBLM). Supporting facilities include site utilities and connections, exterior lighting, information systems, fencing, fire protection and alarm systems, walks, curbs and gutters, parking, landscaping and site improvement. Work includes connection to energy monitoring and control systems (EMCS), information systems and mass notification systems for the Communications Center. Site improvements include extensive earthwork to fill and level the site. Asbestos and lead abatement will be included in project demolition. Heating for the Communications Center will be provided by a self-contained system. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Access for individuals with disabilities will be provided. Demolish 7 buildings at Fort Lewis, WA (TOTAL 2,299 m2/24,742 SF). | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Joint Base Lewis-McChord, Washington

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Aviation Complex, Ph 1B | 5. PROJECT NUMBER 76768 |
|---|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|-----------------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| Upgrade Faith Avenue | m (LF) | 365.76 (1,200) | 1,702 | (622) |
| IDS Installation | LS | -- | -- | (15) |
| EMCS Connection | LS | -- | -- | (3) |
| SDD and EPAct05 | LS | -- | -- | (26) |
| Building Information Systems | LS | -- | -- | (418) |
| | | | Total | 1,084 |

11. REQ: 52,248,085 L ADQT: 15,421,768 L SUBSTD: NONE
PROJECT: Construct Phase 1B of an Aviation Complex at Joint Base Lewis-McChord (JBLM), Washington. (Current Mission)
REQUIREMENT: This project is Phase 1B, of a multi-phase project that is required to support an Aviation unit at Joint Base Lewis-McChord (JBLM), Washington.
CURRENT SITUATION: The aviation unit is currently housed at JBLM in existing temporary, relocatable facilities for administrative functions and substandard permanent facilities for barracks and hangar, which are inadequate to support their mission in accordance with current standards. The facilities are scattered in various locations on the installation and do not provide operational efficiency. Ramp space for parking and loading of permanent and transient aircraft is lacking at Gray Army Airfield, resulting in limited operational capability to support the Aviation unit. Existing storm water system cannot manage the additional runoff from the large new apron and roof areas. Existing street system is inadequate to provide access for vehicle traffic to the hanger, storage and company operation facilities.
IMPACT IF NOT PROVIDED: If this project is not provided, the aviation unit will not be able to facilitate the construction of adequate permanent facilities in which to accomplish their mission. The unit will be scattered throughout the installation in temporary, substandard permanent and modular facilities. The administrative functions will be housed in relocatable structures providing 50% of the authorized allowance. Airfield operations will be limited by lack of ramp space and lack of space in control tower to receive navigational aids and radar equipment required for new aircraft. Sixty percent of the unit aircraft will be unable to land and depart in inclement weather.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Joint Base Lewis-McChord, Washington

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Aviation Complex, Ph 1B | 5. PROJECT NUMBER 76768 |
|---|--------------------------------|

ADDITIONAL: (CONTINUED)

this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

| | Requested FY2012 (\$000) | FY2012 (\$000) | FYDP |
|-----------------------------------|-----------------------------|----------------|------|
| Authorization | \$48,000 | \$34,000 | TBD |
| Authorization of Appropriation | \$48,000 | \$34,000 | TBD |
| Appropriation | \$48,000 | \$34,000 | TBD |

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... JUL 2010
 - (b) Percent Complete As Of January 2011..... 15.00
 - (c) Date 35% Designed..... MAR 2011
 - (d) Date Design Complete..... OCT 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build
 - (g) An energy study and life cycle cost analysis will be documented during the final design.
 - (2) Basis:
 - (a) Standard or Definitive Design: NO
 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 1,380
 - (b) All Other Design Costs..... 2,761
 - (c) Total Design Cost..... 4,141
 - (d) Contract..... 2,761
 - (e) In-house..... 1,380
 - (4) Construction Contract Award..... JAN 2012

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Joint Base Lewis-McChord, Washington

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Aviation Complex, Ph 1B | 5. PROJECT NUMBER 76768 |
|---|--------------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (5) Construction Start..... APR 2012
- (6) Construction Completion..... APR 2014

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| IDS | OPA | 2012 | 30 |
| Info Sys - ISC | OPA | 2013 | 2,069 |
| | | TOTAL | <u>2,099</u> |

Installation Engineer: Steve Perrenot, PE
Phone Number: 253-967-3191

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2012
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

| STATE | INSTALLATION (COMMAND) | NEW/ | | | |
|---------------|-------------------------------------|---------------|---------------|---------|-------|
| ----- PROJECT | ----- | AUTHORIZATION | APPROPRIATION | CURRENT | |
| NUMBER | PROJECT TITLE | REQUEST | REQUEST | MISSION | PAGE |
| ----- | ----- | ----- | ----- | ----- | ----- |
| Afghanistan | Afghanistan Various (ARCENT) | | | | |
| | Bagram Air Base | | | | |
| 74062 | Entry Control Point | 20,000 | 20,000 | C | 429 |
| 74067 | Construct Drainage System, Ph 3 | 31,000 | 31,000 | C | 432 |
| 74084 | Barracks, Ph 5 | 29,000 | 29,000 | C | 435 |
| | | ----- | ----- | | |
| | Subtotal Afghanistan Various Part I | \$ 80,000 | 80,000 | | |
| | * TOTAL MCA FOR Afghanistan | \$ 80,000 | 80,000 | | |

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|---|--|--|-------------------------------|--|--|--------------|
| 1.COMONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2.DATE 10 FEB 2011 | |
| 3.INSTALLATION AND LOCATION Bagram Air Base Afghanistan | | | | 4.PROJECT TITLE Entry Control Point | | |
| 5.PROGRAM ELEMENT 01010A | | 6.CATEGORY CODE 141 | 7.PROJECT NUMBER 74062 | | 8.PROJECT COST (\$000) Auth 20,000 Approp 20,000 | |
| 9.COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| PRIMARY FACILITY | | | | | | 15,309 |
| Entrance Control Point | | LS | -- | | -- | (7,957) |
| Fencing and Walls | | m (LF) | 2,100 (6,890) | | 325.75 | (684) |
| Roads & Paving | | LS | -- | | -- | (4,787) |
| Guard Tower | | EA | 9 -- | | 115,000 | (1,035) |
| Exterior Lighting | | EA | 120 -- | | 5,500 | (660) |
| Total from Continuation page | | | | | | (186) |
| SUPPORTING FACILITIES | | | | | | 2,308 |
| Electric Service | | LS | -- | | -- | (861) |
| Water, Sewer, Gas | | LS | -- | | -- | (112) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (303) |
| Storm Drainage | | LS | -- | | -- | (287) |
| Site Imp(297) Demo() | | LS | -- | | -- | (297) |
| Information Systems | | LS | -- | | -- | (31) |
| Antiterrorism Measures | | LS | -- | | -- | (417) |
| ESTIMATED CONTRACT COST | | | | | | 17,617 |
| CONTINGENCY (5.00%) | | | | | | 881 |
| SUBTOTAL | | | | | | 18,498 |
| SUPV, INSP & OVERHEAD (7.70%) | | | | | | 1,424 |
| TOTAL REQUEST | | | | | | 19,922 |
| TOTAL REQUEST (ROUNDED) | | | | | | 20,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10.Description of Proposed Construction Construct an Entry Control Point (ECP). Primary facilities include the entry control facility, guard towers, fencing and walls, exterior lighting, building information systems, and roads. Entry Control Point also includes communications buildings, material transfer points, and vehicle hold and inspection areas. Supporting facilities include electrical, water, sewer, site improvements, paving, walks, curbs & gutters, storm drainage, and information systems. Antiterrorism measures will be included. | | | | | | |
| 11. REQ: 4 EA ADQT: 3 EA SUBSTD: 1 EA PROJECT: Construct Entry Control Point at Bagram Air Field (BAF), Afghanistan. (Current Mission) REQUIREMENT: This project is required to provide a fully capable ECP Facility for BAF that is sized for the daily traffic volume and meets force protection standoff distances in order to provide force protection. The new ECP must handle all commercial and military vehicle traffic including overflow from other ECPs if they are shut-down. The ECP will be equipped to control pedestrian movements. Material transfer points are needed to allow efficient delivery of bulk items while maximizing antiterrorism/force protection (AT/FP)measures. This project is associated with the global Defense posture | | | | | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Bagram Air Base, Afghanistan

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Entry Control Point | 5. PROJECT NUMBER 74062 |
|---|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|----------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| Antiterrorism Measures | LS | -- | -- | (173) |
| Building Information Systems | LS | -- | -- | (13) |
| | | | Total | 186 |

REQUIREMENT: (CONTINUED)

changes.

CURRENT SITUATION: Current ECPs are undersized and inadequately designed to provide stand-off distances for AT/FP. They cannot handle additional vehicle traffic on occasions when another ECP is closed for security reasons. Existing make-shift ECPs cannot properly search and hold larger vehicles nor can they support movement of local workers for entrance/exit. BAF does not have an adequate ECP on the north and east region of the base for outgoing traffic. This increases traffic density across BAF, further congesting the roads.

IMPACT IF NOT PROVIDED: If this project is not provided entrance and egress will continue to be inefficient. Traffic backups will result. The backups produce delay fees, hamper base operations and increase the likelihood of terrorist actions.

ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

| | |
|--|----------|
| (a) Date Design Started..... | FEB 2011 |
| (b) Percent Complete As Of January 2011..... | 15.00 |
| (c) Date 35% Designed..... | JUN 2011 |
| (d) Date Design Complete..... | OCT 2011 |
| (e) Parametric Cost Estimating Used to Develop Costs | NO |
| (f) Type of Design Contract: Design-bid-build | |

(2) Basis:

(a) Standard or Definitive Design: NO

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

| | |
|---|-------|
| (a) Production of Plans and Specifications..... | 897 |
| (b) All Other Design Costs..... | 718 |
| (c) Total Design Cost..... | 1,615 |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Bagram Air Base, Afghanistan

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Entry Control Point | 5. PROJECT NUMBER 74062 |
|---|--------------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

| | |
|--------------------------------------|----------|
| (d) Contract..... | 897 |
| (e) In-house..... | 718 |
| (4) Construction Contract Award..... | JAN 2012 |
| (5) Construction Start..... | APR 2012 |
| (6) Construction Completion..... | OCT 2013 |

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-------------------------------|--------------------------------|--|---------------------|
| NA | | | |

Installation Engineer: LTC Marty Norvel
Phone Number: 404-464-4893

| | | | | | |
|--|-------------------------|--|---|------------------------|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Bagram Air Base Afghanistan | | | 4. PROJECT TITLE Construct Drainage System, Ph 3 | | |
| 5. PROGRAM ELEMENT 01010A | 6. CATEGORY CODE 932 | 7. PROJECT NUMBER 74067 | 8. PROJECT COST (\$000) Auth 31,000 Approp 31,000 | | |
| 9. COST ESTIMATES | | | | | |
| ITEM | | UM (M/E) | QUANTITY | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | 23,146 |
| Culverts | | m (LF) | 7,000 (22,966) | 783.47 | (5,484) |
| Open Trenching and Berms | | m (LF) | 16,000 (52,493) | 391.74 | (6,268) |
| Drainage System | | m2 (SF) | 38,000 (409,029) | 293.80 | (11,164) |
| Demining (UXO Removal) | | m2 (SF) | 47,000 (505,904) | 4.90 | (230) |
| <u>SUPPORTING FACILITIES</u> | | | | | 3,372 |
| Paving, Walks, Curbs & Gutters | | LS | -- | -- | (784) |
| Site Imp(2,588) Demo() | | LS | -- | -- | (2,588) |
| ESTIMATED CONTRACT COST | | | | | 26,518 |
| CONTINGENCY (5.00%) | | | | | 1,326 |
| SUBTOTAL | | | | | 27,844 |
| SUPV, INSP & OVERHEAD (7.70%) | | | | | 2,144 |
| DESIGN/BUILD - DESIGN COST | | | | | 1,114 |
| TOTAL REQUEST | | | | | 31,102 |
| TOTAL REQUEST (ROUNDED) | | | | | 31,000 |
| INSTALLED EQT-OTHER APPROP | | | | | (0) |
| 10. Description of Proposed Construction This project is Phase 3 of a 3 phase project. Phase 1, (PN 72243) was funded in FY2009 for \$18.5M project, Phase 2, (PN 73124) was funded in FY2010 for \$21M project. This project, Phase 3, is for \$31M. Construct drainage system to control flood waters that flow through the eastern area of Bagram Airfield (BAF). This third phase will connect with phases 1 & 2 to provide stormwater drainage across the entire installation. Work includes grading, drainage ditches, trenching berms, swales, culverts, headwalls, wingwalls, catch basins, and demining. Supporting facilities include site improvements, excavation and pavements. | | | | | |
| 11. REQ: 58,000 m2 ADQT: 20,000 m2 SUBSTD: 38,000 m2 | | | | | |
| PROJECT: Construct the third phase of a Drainage System at Bagram Air Field (BAF), Afghanistan. (Current Mission) | | | | | |
| REQUIREMENT: This project will connect the drainage in the eastern area of BAF with phases 1 & 2, to conform to the drainage master plan and provide storm water drainage across the entire installation and runoff into Coyote Creek. Drainage projects are required in order to meet Bagram's enduring & growing facility and mission requirements. This project is associated with the global Defense posture changes. | | | | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Bagram Air Base, Afghanistan

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Construct Drainage System, Ph 3 | 5. PROJECT NUMBER 74067 |
|---|--------------------------------|

CURRENT SITUATION: The base has a primary drainage ditch which transverses across the entire installation. This ditch is frequently overwhelmed during periods of rain; thereby, flooding low-lying areas. These areas become laydown and beddown locations when the expeditionary forces first arrive. The collection systems which are connected to this ditch contribute to flooding and ponding within the boundaries of each camp. The water remains until it either evaporates or is absorbed.

IMPACT IF NOT PROVIDED: If this project is not provided then flooding and standing water will persist. This will lead to potential health risks and mission degradation.

ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible.

| | FY2009 (\$000) | FY2010 (\$000) | Requested FY2012 (\$000) |
|-----------------------------------|----------------|----------------|-----------------------------|
| Authorization | \$18,500 | \$21,000 | \$31,000 |
| Authorization of Appropriation | \$18,500 | \$21,000 | \$31,000 |
| Appropriation | \$18,500 | \$21,000 | \$31,000 |

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

| | |
|--|-----------------|
| (a) Date Design Started..... | <u>FEB 2011</u> |
| (b) Percent Complete As Of January 2011..... | <u>5.00</u> |
| (c) Date 35% Designed..... | <u>JUN 2011</u> |
| (d) Date Design Complete..... | <u>MAR 2012</u> |
| (e) Parametric Cost Estimating Used to Develop Costs | <u>NO</u> |
| (f) Type of Design Contract: Design-build | |

(2) Basis:

(a) Standard or Definitive Design: NO

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

| | |
|---|--------------|
| (a) Production of Plans and Specifications..... | <u>696</u> |
| (b) All Other Design Costs..... | <u>418</u> |
| (c) Total Design Cost..... | <u>1,114</u> |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Bagram Air Base, Afghanistan

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Construct Drainage System, Ph 3 | 5. PROJECT NUMBER 74067 |
|---|--------------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

| | |
|--------------------------------------|----------|
| (d) Contract..... | 696 |
| (e) In-house..... | 418 |
| (4) Construction Contract Award..... | JAN 2012 |
| (5) Construction Start..... | APR 2012 |
| (6) Construction Completion..... | JAN 2014 |

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

| <u>Equipment</u> <u>Nomenclature</u> | <u>Procuring</u> <u>Appropriation</u> | <u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u> | <u>Cost</u> <u>(\$000)</u> |
|---|--|--|-------------------------------|
| NONE | | | |

Installation Engineer: LTC Marty Norvel
Phone Number: 404-464-4893

| | | | | | | |
|---|--|--|----------------------------|------------------------------------|---|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Bagram Air Base Afghanistan | | | | 4. PROJECT TITLE Barracks, Ph 5 | | |
| 5. PROGRAM ELEMENT 01010A | | 6. CATEGORY CODE 721 | 7. PROJECT NUMBER 74084 | | 8. PROJECT COST (\$000) Auth 29,000 Approp 29,000 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 22,941 |
| Barracks | | m2 (SF) | 11,860 (127,660) | | 1,787 | (21,200) |
| Antiterrorism Measures | | LS | -- | | -- | (1,050) |
| Building Information Systems | | LS | -- | | -- | (691) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 2,359 |
| Electric Service | | LS | -- | | -- | (681) |
| Water, Sewer, Gas | | LS | -- | | -- | (433) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (164) |
| Storm Drainage | | LS | -- | | -- | (166) |
| Site Imp(817) Demo() | | LS | -- | | -- | (817) |
| Information Systems | | LS | -- | | -- | (8) |
| Antiterrorism Measures | | LS | -- | | -- | (90) |
| ESTIMATED CONTRACT COST | | | | | | 25,300 |
| CONTINGENCY (5.00%) | | | | | | 1,265 |
| SUBTOTAL | | | | | | 26,565 |
| SUPV, INSP & OVERHEAD (7.70%) | | | | | | 2,046 |
| TOTAL REQUEST | | | | | | 28,611 |
| TOTAL REQUEST (ROUNDED) | | | | | | 29,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10. Description of Proposed Construction This project is Phase 5. Phase 1, (PN 63410) was funded in FY2005 for \$16M project, Phase 2, (PN 64092) was funded in FY2007 for \$17M project, Phase 3, (PN 71489) was funded in FY2010 for \$18.5M project, Phase 4, (PN 71602) was funded in FY2011 for \$19M project. This project, Phase 5, is for \$29M. Construct Barracks to provide housing for 800 soldiers using the Contingency Standard Design. This project will construct 5 buildings, each housing 160 personnel. Air Conditioning is included. Supporting Facilities include electrical distribution systems, water & sewage systems, mechanical systems, information systems, storm drainage, paving, walks, curbs and gutters. Antiterrorism/Force Protection measures will be included. Air Conditioning (Estimated 40 kW/11 Tons). | | | | | | |
| 11. REQ: 4,090 PN ADQT: 2,240 PN SUBSTD: 1,850 PN PROJECT: Construct barracks on Bagram Airfield (BAF), Afghanistan. (Current Mission) REQUIREMENT: This project is required to provide adequate housing to keep service members protected from indirect fire attacks, an unhealthy environment, and extreme weather conditions. The new barracks will enhance the quality of life for all military personnel. This project is associated with the global Defense posture changes. | | | | | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Bagram Air Base, Afghanistan

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Barracks, Ph 5 | 5. PROJECT NUMBER 74084 |
|--|--------------------------------|

CURRENT SITUATION: Military personnel are currently billeted in wooden huts which have deteriorated due to the harsh Afghanistan environment. This billeting does not provide adequate protection and is considered substandard. There is a large deficit of barracks space at Bagram Airfield. Additional projects will need to be programmed to reduce this deficit.

IMPACT IF NOT PROVIDED: If this project is not provided nearly 800 personnel will remain in substandard facilities. Failure to provide adequate housing greatly increases the risk of mass casualties from insurgent attacks. Readiness may deteriorate from personnel not being able to escape the extreme weather conditions and rest properly.

ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

| | FY2005 (\$000) | FY2007 (\$000) | FY2010 (\$000) | FY2011 (\$000) | Requested FY2012 (\$000) |
|--------------------------------|-------------------|-------------------|-------------------|-------------------|--------------------------------|
| Authorization | \$16,000 | \$17,000 | \$18,500 | \$19,000 | \$29,000 |
| Authorization of Appropriation | \$16,000 | \$17,000 | \$18,500 | \$19,000 | \$29,000 |
| Appropriation | \$16,000 | \$17,000 | \$18,500 | \$19,000 | \$29,000 |

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
- (a) Date Design Started..... FEB 2011
 - (b) Percent Complete As Of January 2011..... .00
 - (c) Date 35% Designed..... JUN 2011
 - (d) Date Design Complete..... OCT 2011
 - (e) Parametric Cost Estimating Used to Develop Costs NO
 - (f) Type of Design Contract: Design-bid-build
- (2) Basis:
- (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Bagram Air Base
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

| | | |
|------------------------|--|---------------------------|
| 1.COMONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE 10 FEB 2011 |
|------------------------|--|---------------------------|

3.INSTALLATION AND LOCATION

Bagram Air Base, Afghanistan

4.PROJECT TITLE

Barracks, Ph 5

5.PROJECT NUMBER

74084

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

| | | |
|-----|---|-----------------|
| (a) | Production of Plans and Specifications..... | <u>1,328</u> |
| (b) | All Other Design Costs..... | <u>1,062</u> |
| (c) | Total Design Cost..... | <u>2,390</u> |
| (d) | Contract..... | <u>1,328</u> |
| (e) | In-house..... | <u>1,062</u> |
| (4) | Construction Contract Award..... | <u>JAN 2012</u> |
| (5) | Construction Start..... | <u>APR 2012</u> |
| (6) | Construction Completion..... | <u>JAN 2014</u> |

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

| <u>Equipment</u> <u>Nomenclature</u> | <u>Procuring</u> <u>Appropriation</u> | <u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u> | <u>Cost</u> <u>(\$000)</u> |
|---|--|--|-------------------------------|
| | NA | | |

Installation Engineer: LTC Marty Norvel

Phone Number: 404-464-4893

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DEPARTMENT OF THE ARMY
 FISCAL YEAR 2012
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

| STATE | INSTALLATION (COMMAND) | NEW/ | | | |
|---------------|---------------------------------|---------------|---------------|---------|-------|
| ----- PROJECT | ----- | AUTHORIZATION | APPROPRIATION | CURRENT | |
| NUMBER | PROJECT TITLE | REQUEST | REQUEST | MISSION | PAGE |
| ----- | ----- | ----- | ----- | ----- | ----- |
| Germany | Germany Various (IMCOM) | | | | 441 |
| | Germersheim Army Depot | | | | |
| 59871 | Infrastructure | 16,500 | 16,500 | C | 443 |
| 70013 | Central Distribution Facility | 21,000 | 21,000 | C | 446 |
| | Grafenwoehr | | | | |
| 55985 | Chapel | 15,500 | 15,500 | C | 450 |
| 69614 | Barracks | 17,500 | 17,500 | C | 453 |
| | Grafenwoehr Training Area | | | | |
| 65129 | Convoy Live Fire Range | 5,000 | 5,000 | C | 456 |
| | Kelley Barracks | | | | |
| 61842 | Access Control Point | 12,200 | 12,200 | C | 459 |
| | Landstuhl | | | | |
| 57594 | Satellite Communications Center | 24,000 | 24,000 | C | 463 |
| 58925 | Satellite Communications Center | 39,000 | 39,000 | C | 467 |
| | Oberdachstetten Training Area | | | | |
| 71906 | Automated Record Fire Range | 12,200 | 12,200 | C | 472 |
| | South Camp Vilseck | | | | |
| 69615 | Barracks | 20,000 | 20,000 | C | 475 |
| | Subtotal Germany Various Part I | \$ 182,900 | 182,900 | | |
| | * TOTAL MCA FOR Germany | \$ 182,900 | 182,900 | | |

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|--|---------------------------------------|---------------------------------|---|---------|---------------|--|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | | | | | | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Germany Various Germany | | | 4. COMMAND US Army Installation Management Command | | | 5. AREA CONSTRUCTION COST INDEX 1.26 | |
| 6. PERSONNEL STRENGTH: | | | | | | | |
| | PERMANENT | | STUDENTS | | | SUPPORTED | |
| | OFFICER | ENLIST | CIVIL | OFFICER | ENLIST | CIVIL | TOTAL |
| A. AS OF 05 NOV 2010 | 6309 | 31401 | 17410 | 0 | 271 | 21 | 2881 5906 19519 83,718 |
| B. END FY 2016 | 5349 | 20838 | 15108 | 0 | 110 | 27 | 2781 5756 18306 68,275 |
| 7. INVENTORY DATA (\$000) | | | | | | | |
| A. TOTAL AREA..... | 1,237 ha | | (3,057 AC) | | | | |
| B. INVENTORY TOTAL AS OF 31 DEC 2010..... | 2,526,552 | | | | | | |
| C. AUTHORIZATION NOT YET IN INVENTORY..... | 1,829,572 | | | | | | |
| D. AUTHORIZATION REQUESTED IN THE FY 2012 PROGRAM..... | 167,400 | | | | | | |
| E. AUTHORIZATION INCLUDED IN THE FY 2013 PROGRAM..... | 213,550 | | | | | | |
| F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY)..... | 0 | | | | | | |
| G. REMAINING DEFICIENCY..... | 2,229,190 | | | | | | |
| H. GRAND TOTAL..... | 6,966,264 | | | | | | |
| 8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2012 PROGRAM: | | | | | | | |
| CATEGORY | PROJECT | | | COST | DESIGN STATUS | | |
| CODE | NUMBER | PROJECT TITLE | | (\$000) | START | COMPLETE | |
| 131 | 57594 | Satellite Communications Center | | 24,000 | 09/2009 | 10/2011 | |
| 131 | 58925 | Satellite Communications Center | | 39,000 | 09/2009 | 10/2011 | |
| 851 | 59871 | Infrastructure | | 16,500 | 08/2010 | 10/2011 | |
| 141 | 61842 | Access Control Point | | 12,200 | 09/2009 | 10/2011 | |
| 179 | 65129 | Convoy Live Fire Range | | 5,000 | 11/2009 | 10/2011 | |
| 721 | 69614 | Barracks | | 17,500 | 08/2010 | 10/2011 | |
| 721 | 69615 | Barracks | | 20,000 | 08/2010 | 10/2011 | |
| 851 | 70013 | Central Distribution Facility | | 21,000 | 01/2010 | 10/2011 | |
| 178 | 71906 | Automated Record Fire Range | | 12,200 | 11/2009 | 10/2011 | |
| | | | | TOTAL | 167,400 | | |
| 9. FUTURE PROJECT APPROPRIATIONS: | | | | | | | |
| CATEGORY | | | | COST | | | |
| CODE | | PROJECT TITLE | | (\$000) | | | |
| A. INCLUDED IN THE FY 2013 PROGRAM: | | | | | | | |
| 211 | | Hangar | | 11,200 | | | |
| 740 | | Physical Fitness Facility | | 18,500 | | | |
| 178 | | Comb Arms Collective Tng Fac | | 36,000 | | | |
| 730 | | Chapel, KT URLAS | | 8,700 | | | |
| 141 | | Access Control Point | | 7,800 | | | |
| 214 | | Vehicle Maintenance Facility | | 13,400 | | | |
| 740 | | Physical Fitness Center | | 23,000 | | | |
| 141 | | Main Access Control Point | | 5,600 | | | |
| 141 | | Access Control Point | | 11,400 | | | |

| | | |
|----------------------|---------------------------------------|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | 2. DATE 10 FEB 2011 |
|----------------------|---------------------------------------|------------------------|

INSTALLATION AND LOCATION: Germany Various, Germany

9. FUTURE PROJECT APPROPRIATIONS: (...CONTINUED)

| CATEGORY | CODE | PROJECT TITLE | COST (\$000) |
|--|------|------------------------------|--------------|
| A. INCLUDED IN THE FY 2013 PROGRAM: | | | |
| | 730 | APO, URLAS | 3,700 |
| | 811 | Power Distribution System | 17,000 |
| | 721 | Barracks Complex | 34,000 |
| | 178 | Live Fire Breach Facility | 4,350 |
| | 178 | Modified Record Fire | 5,700 |
| | 214 | Vehicle Maintenance Facility | 13,200 |
| | | TOTAL | 213,550 |
| B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE | | | |
| C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): N/A | | | |

10. MISSION OR MAJOR FUNCTIONS:

Installations support US Army, Europe and Seventh Army (USAREUR), a trained and ready force capable of rapidly responding and operating jointly in support of US EUCOM theater strategy. Installations serve as a base for projecting power in and out of EUCOM area of responsibility by providing facilities for training, maintaining, housing, and supporting USAREUR's subordinate and supporting units/organizations. These units consist of combat, combat support, and combat service support tactical units as well as theater, mission, installation support, and quality of life organizations required to maintain a trained and ready force overseas.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

| | (\$000) |
|-----------------------------------|---------|
| A. AIR POLLUTION | 0 |
| B. WATER POLLUTION | 0 |
| C. OCCUPATIONAL SAFETY AND HEALTH | 0 |

| | | | | | | |
|---|--|--|-------------------------------|-----------------------------------|--|--------------|
| 1.COMONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2.DATE 10 FEB 2011 | |
| 3.INSTALLATION AND LOCATION Germersheim Army Depot Germany (Germany Various) | | | | 4.PROJECT TITLE Infrastructure | | |
| 5.PROGRAM ELEMENT 22096A | | 6.CATEGORY CODE 851 | 7.PROJECT NUMBER 59871 | | 8.PROJECT COST (\$000) Auth 16,500 Approp 16,500 | |
| 9.COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 14,410 |
| Roads, Surfaced | | m2 (SY) | 113,414 (135,642) | | 58.70 | (6,657) |
| Upgrade Electric Service | | LS | -- | | -- | (3,655) |
| Water Distribution Lines | | m (LF) | 10,810 (35,467) | | 233.97 | (2,529) |
| Fire Hydrants and Lines | | LS | -- | | -- | (156) |
| Gas Pipelines | | m (LF) | 3,002 (9,850) | | 160.24 | (481) |
| Total from Continuation page | | | | | | (932) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 517 |
| Site Imp(517) Demo() | | LS | -- | | -- | (517) |
| ESTIMATED CONTRACT COST | | | | | | 14,927 |
| CONTINGENCY (5.00%) | | | | | | 746 |
| SUBTOTAL | | | | | | 15,673 |
| SUPV, INSP & OVERHEAD (6.50%) | | | | | | 1,019 |
| TOTAL REQUEST | | | | | | 16,692 |
| TOTAL REQUEST (ROUNDED) | | | | | | 16,500 |
| INSTALLED EQT-OTHER APPROP | | | | | | (1,219) |
| 10.Description of Proposed Construction This project includes repairing portions of the existing road network; providing an additional road, electrical upgrades including security lighting; fire protection distribution lines and hydrants, new potable water delivery system, upgraded gas distribution system; storm sewer shut-off valves to prevent contamination of local water systems should a spill occur; and infrastructure for a closed circuit television system (surveillance poles with cabling). Supporting facilities include site improvements. | | | | | | |
| 11. REQ: 206,523 m2 ADQT: 93,109 m2 SUBSTD: 33,146 m2 | | | | | | |
| PROJECT: Repair and upgrade infrastructure at Germersheim Army Depot, Germany. (Current Mission) | | | | | | |
| REQUIREMENT: This project is required to upgrade security at the installation, and to support an increase in heavy truck traffic due to planned addition of large warehouse operations at Germesheim Army Depot, resulting from Global Defense Posture and Realignment (GDPR) and Army Transformation initiatives in Europe. The Germersheim Army Depot (GAD) is required to support the "end-state" Depot Level storage requirements and to operate the Central Distribution Center (CDC) for the European Command (EUCOM) and Central Command (CENTCOM) Area of Responsibility (AOR). | | | | | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Germersheim Army Depot, Germany (Germany Various)

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Infrastructure | 5. PROJECT NUMBER 59871 |
|--|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|----------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| Storm Sewer Cut off Valve | EA | 6 -- | 69,461 | (417) |
| Surveillance Poles w/Cabling | EA | 136 -- | 3,783 | (515) |
| | | | Total | 932 |

CURRENT SITUATION: The infrastructure at Germersheim Army Depot is in fair condition at best. With the increase of new missions and operations, the infrastructure will not be able to support the increased demand. Mission essential, high value and critical supplies and equipment are maintained at an average daily inventory value of \$60M, within a large supply storage and industrial complex, operated by three major agencies: The Defense Distribution Depot, Europe (DDDE) under the Defense Logistics Agency (DLA); the Defense Revitalization and Marketing Office (DRMO), Europe; the Defense Commissary Agency (DeCA)- Europe; and the Army Field Support Brigade, Europe (AFSB-E) of the Army Materiel Command (AMC).

IMPACT IF NOT PROVIDED: If this project is not provided, the installation infrastructure will not be ready to accommodate the addition of large DOD warehouse operations and the resulting increase in truck traffic to and from the Germersheim Army Depot.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. No antiterrorism protection measures are required. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

NATO SECURITY INVESTMENT: This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... AUG 2010
- (b) Percent Complete As Of January 2011..... 35.00
- (c) Date 35% Designed..... JAN 2011
- (d) Date Design Complete..... OCT 2011
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build

| | | |
|----------------------|--|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|----------------------|--|------------------------|

3. INSTALLATION AND LOCATION
Germersheim Army Depot, Germany (Germany Various)

| | |
|------------------------------------|----------------------------|
| 4. PROJECT TITLE Infrastructure | 5. PROJECT NUMBER 59871 |
|------------------------------------|----------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (2) Basis:
 - (a) Standard or Definitive Design: NO
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 672
 - (b) All Other Design Costs..... 1,008
 - (c) Total Design Cost..... 1,680
 - (d) Contract..... 1,008
 - (e) In-house..... 672
- (4) Construction Contract Award..... JAN 2012
- (5) Construction Start..... APR 2012
- (6) Construction Completion..... APR 2014

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-------------------------------|--------------------------------|--|---------------------|
| Perimeter CCTV System | OPA | 2013 | 1,219 |
| | | TOTAL | 1,219 |

Installation Engineer: Richard Campbell
Phone Number: 011-49-6221-4380-310

| | | | | | |
|---|-------------------------|--|---|-------------------------|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Germersheim Army Depot Germany (Germany Various) | | | 4. PROJECT TITLE Central Distribution Facility | | |
| 5. PROGRAM ELEMENT 22096A | 6. CATEGORY CODE 851 | 7. PROJECT NUMBER 70013 | 8. PROJECT COST (\$000) Auth 21,000 Approp 21,000 | | |
| 9. COST ESTIMATES | | | | | |
| ITEM | | UM (M/E) | QUANTITY | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | 15,011 |
| Roads & Paved Staging Areas | | LS | -- | -- | (6,609) |
| Renovate Existing Warehouses | | m2 (SF) | 40,323 (434,031) | 96.28 | (3,882) |
| Administrative Building | | m2 (SF) | 1,496 (16,106) | 2,581 | (3,862) |
| Guardhouse | | EA | 3 -- | 45,644 | (137) |
| EMCS Connection | | LS | -- | -- | (19) |
| Total from Continuation page | | | | | (502) |
| <u>SUPPORTING FACILITIES</u> | | | | | 4,170 |
| Electric Service | | LS | -- | -- | (123) |
| Water, Sewer, Gas | | LS | -- | -- | (159) |
| Paving, Walks, Curbs & Gutters | | LS | -- | -- | (128) |
| Storm Drainage | | LS | -- | -- | (452) |
| Site Imp(1,526) Demo() | | LS | -- | -- | (1,526) |
| Information Systems | | LS | -- | -- | (1,744) |
| Antiterrorism Measures | | LS | -- | -- | (38) |
| ESTIMATED CONTRACT COST | | | | | 19,181 |
| CONTINGENCY (5.00%) | | | | | 959 |
| SUBTOTAL | | | | | 20,140 |
| SUPV, INSP & OVERHEAD (6.50%) | | | | | 1,309 |
| TOTAL REQUEST | | | | | 21,449 |
| TOTAL REQUEST (ROUNDED) | | | | | 21,000 |
| INSTALLED EQT-OTHER APPROP | | | | | (6,423) |
| 10. Description of Proposed Construction Renovate existing facilities to provide a Central Distribution Facility. Primary facilities include multiple buildings renovated to become a composite distribution facility with warehouses, new administrative building, roads, paved staging areas, and guardhouses to consolidate material handling at Germersheim. Renovation work consists of both repair and replacement of existing roofs, exterior and interior walls, windows and critical building features. Construction of an isolation station, hydrogen venting system, and loading docks will improve material receipt and subsequent shipping. Installation of conveyors, shelving and material handling equipment will take place. Project will include Energy Monitoring and Control System (EMCS) connections, and building information systems. Access for persons with disabilities will be provided. Comprehensive building and furnishing related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include all utilities and connections, paving, parking, walks, curbs and gutters, storm drainage, site improvements, information systems, and antiterrorism/force protection measures. | | | | | |
| 11. REQ: 152,830 m2 | | ADQT: 39,019 m2 | | SUBSTD: NONE | |
| PROJECT: Renovate existing facilities to provide a central distribution | | | | | |

| | | | | |
|---|--|----------------------------|--------------|-----------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 | | |
| 3. INSTALLATION AND LOCATION Germersheim Army Depot, Germany (Germany Various) | | | | |
| 4. PROJECT TITLE Central Distribution Facility | 5. PROJECT NUMBER 70013 | | | |
| 9. COST ESTIMATES (CONTINUED) | | | | |
| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| SDD and EPact05 | LS | -- | -- | (75) |
| Antiterrorism Measures | LS | -- | -- | (96) |
| Building Information Systems | LS | -- | -- | (331) |
| | | | Total | 502 |
| <u>PROJECT: (CONTINUED)</u> | | | | |
| facility at Germersheim Army Depot, Germany. (Current Mission). | | | | |
| <u>REQUIREMENT:</u> This project is required to consolidate Army Air Force Exchange Service (AAFES) warehousing/distribution operations at Germersheim. The current warehouse/distribution operations at Giessen must be relocated to Germersheim to complete Giessen closure to realize annual operating savings. There is sufficient warehouse space at Germersheim to support the relocation but the facilities require repairs/renovations to efficiently support the relocated distribution mission. The government is relocating facilities throughout Germany for improved force structuring. This impacts the availability of AAFES facilities. Since this was done for the convenience of the government, Undersecretary of Defense, Personnel and Readiness memorandum dated December 4, 2007 mandates the use of appropriated funds to build facilities where non-appropriated funds would typically be used. | | | | |
| <u>CURRENT SITUATION:</u> AAFES Warehouse and Administrative functions currently operate out of existing adequate facilities at the Giessen Army Depot. Giessen is scheduled for closure under Army Transformation plans being implemented by US Army Europe. | | | | |
| <u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the European distribution mission cannot be relocated from Giessen to Germersheim and continued excessive operating expenses at Giessen will occur, while facilities at Germersheim will be under utilized. | | | | |
| <u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders. | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Germersheim Army Depot, Germany (Germany Various)

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Central Distribution Facility | 5. PROJECT NUMBER 70013 |
|---|--------------------------------|

NATO SECURITY INVESTMENT: This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
- (a) Date Design Started..... JAN 2010
 - (b) Percent Complete As Of January 2011..... 35.00
 - (c) Date 35% Designed..... JAN 2011
 - (d) Date Design Complete..... OCT 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build
 - (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: NO

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

- (a) Production of Plans and Specifications..... 633
- (b) All Other Design Costs..... 1,266
- (c) Total Design Cost..... 1,899
- (d) Contract..... 1,266
- (e) In-house..... 633

(4) Construction Contract Award..... JAN 2012

(5) Construction Start..... APR 2012

(6) Construction Completion..... APR 2014

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Germersheim Army Depot, Germany (Germany Various)

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Central Distribution Facility | 5. PROJECT NUMBER 70013 |
|---|--------------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| Conveyor System | OPA | 2013 | 6,000 |
| Info Sys - ISC | OPA | 2013 | 179 |
| Info Sys - PROP | OPA | 2013 | 244 |
| TOTAL | | | 6,423 |

Installation Engineer: Richard Campbell
Phone Number: 011-49-6221-4380-310

| | | | | | |
|---|-------------------------|--|---|------------------------|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Grafenwoehr Germany (Germany Various) | | | 4. PROJECT TITLE Chapel | | |
| 5. PROGRAM ELEMENT 22096A | 6. CATEGORY CODE 736 | 7. PROJECT NUMBER 55985 | 8. PROJECT COST (\$000) Auth 15,500 Approp 15,500 | | |
| 9. COST ESTIMATES | | | | | |
| ITEM | | UM (M/E) | QUANTITY | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | 10,982 |
| Chapel Complex | | m2 (SF) | 3,118 (33,558) | 3,318 | (10,344) |
| EMCS Connection | | LS | -- | -- | (32) |
| SDD and EPAct05 | | LS | -- | -- | (213) |
| Antiterrorism Measures | | LS | -- | -- | (203) |
| Building Information Systems | | LS | -- | -- | (190) |
| <u>SUPPORTING FACILITIES</u> | | | | | 3,069 |
| Electric Service | | LS | -- | -- | (414) |
| Water, Sewer, Gas | | LS | -- | -- | (309) |
| Paving, Walks, Curbs & Gutters | | LS | -- | -- | (929) |
| Storm Drainage | | LS | -- | -- | (311) |
| Site Imp(1,038) Demo() | | LS | -- | -- | (1,038) |
| Information Systems | | LS | -- | -- | (7) |
| Antiterrorism Measures | | LS | -- | -- | (61) |
| ESTIMATED CONTRACT COST | | | | | 14,051 |
| CONTINGENCY (5.00%) | | | | | 703 |
| SUBTOTAL | | | | | 14,754 |
| SUPV, INSP & OVERHEAD (6.50%) | | | | | 959 |
| TOTAL REQUEST | | | | | 15,713 |
| TOTAL REQUEST (ROUNDED) | | | | | 15,500 |
| INSTALLED EQT-OTHER APPROP | | | | | () |
| 10. Description of Proposed Construction Construct a standard Chapel Complex with seating capacity up to 600 persons. This facility will include a worship center, activity center with kitchen, religious education areas, baptistry areas, resource center, sacristy area, administrative spaces, information systems, fire protection and alarm systems, and Energy Monitoring and Control Systems (EMCS) connection. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include site development, utilities and connections, lighting, paving, parking, walks, curbs and gutters, storm drainage, information systems, landscaping and signage. Heating and air conditioning will be provided by self contained systems. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. Air Conditioning (Estimated 299 kW/85 Tons). | | | | | |
| 11. REQ: 4,604 m2 ADQT: 1,486 m2 SUBSTD: NONE | | | | | |
| PROJECT: Construct a modified standard Chapel Complex with regular seating capacity up to 600 persons at Grafenwoehr, Germany. (Current Mission) | | | | | |

| | | |
|---|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Grafenwoehr, Germany (Germany Various) | | |
| 4. PROJECT TITLE Chapel | 5. PROJECT NUMBER 55985 | |
| <p><u>REQUIREMENT:</u> This project is required to support an increase in the population of East Camp Grafenwoehr. To support the population increase, a larger facility is needed for the Chapel.</p> <p><u>CURRENT SITUATION:</u> The existing chapel at East Camp Grafenwoehr currently supports a population of approximately 3200 permanent party military, Army civilians, family members, and contractors. The existing chapel has 175 seats and is overcrowded and in fair condition. The proposed chapel will be in a military housing area of 850 homes.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, chapel facilities at East Camp Grafenwoehr will be overwhelmed by population increases associated with Efficient Basing Grafenwoehr. This will adversely impact quality of life on the installation. Religious facilities will be overcrowded causing reduced levels of support. Cumulatively, these impacts will stress the installation population, cause dissatisfaction, and divert attention and resources from important missions of training and readiness. In addition, due to the language barrier, it is not likely that a Soldier and his family will be able to utilize off-post religious facilities.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p> <p><u>NATO SECURITY INVESTMENT:</u> This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.</p> | | |
| <p>12. <u>SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <p>(a) Date Design Started..... AUG 2010</p> <p>(b) Percent Complete As Of January 2011..... 35.00</p> <p>(c) Date 35% Designed..... JAN 2011</p> <p>(d) Date Design Complete..... OCT 2011</p> <p>(e) Parametric Cost Estimating Used to Develop Costs YES</p> <p>(f) Type of Design Contract: Design-bid-build</p> <p>(g) An energy study and life cycle cost analysis will be documented during the final design.</p> | | |

| | | |
|----------------------|--|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|----------------------|--|------------------------|

3. INSTALLATION AND LOCATION
Grafenwoehr, Germany (Germany Various)

| | |
|----------------------------|----------------------------|
| 4. PROJECT TITLE Chapel | 5. PROJECT NUMBER 55985 |
|----------------------------|----------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Stewart

| | |
|---|---------|
| (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): | (\$000) |
| (a) Production of Plans and Specifications..... | 464 |
| (b) All Other Design Costs..... | 1,082 |
| (c) Total Design Cost..... | 1,546 |
| (d) Contract..... | 1,082 |
| (e) In-house..... | 464 |

(4) Construction Contract Award..... JAN 2012

(5) Construction Start..... APR 2012

(6) Construction Completion..... JUL 2013

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

| <u>Equipment</u> <u>Nomenclature</u> | <u>Procuring</u> <u>Appropriation</u> | <u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u> | <u>Cost</u> <u>(\$000)</u> |
|---|--|--|-------------------------------|
|---|--|--|-------------------------------|

NA

Installation Engineer: Herbert Steinbeck
Phone Number: 011-49-964-183-1360

| | | | | | | |
|---|--|--|----------------------------|------------------------------|---|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Grafenwoehr Germany (Germany Various) | | | | 4. PROJECT TITLE Barracks | | |
| 5. PROGRAM ELEMENT 22096A | | 6. CATEGORY CODE 721 | 7. PROJECT NUMBER 69614 | | 8. PROJECT COST (\$000) Auth 17,500 Approp 17,500 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 14,132 |
| Barracks | | m2 (SF) | 5,662 (60,947) | | 2,340 | (13,249) |
| Gen Purpose Storage Facility | | m2 (SF) | 54.44 (586) | | 1,772 | (96) |
| EMCS Connection | | LS | -- | | -- | (60) |
| SDD and EPAct05 | | LS | -- | | -- | (288) |
| Antiterrorism Measures | | LS | -- | | -- | (245) |
| Building Information Systems | | LS | -- | | -- | (194) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 1,709 |
| Electric Service | | LS | -- | | -- | (121) |
| Water, Sewer, Gas | | LS | -- | | -- | (104) |
| Steam And/Or Chilled Water Dist | | LS | -- | | -- | (227) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (294) |
| Storm Drainage | | LS | -- | | -- | (11) |
| Site Imp(142) Demo() | | LS | -- | | -- | (142) |
| Information Systems | | LS | -- | | -- | (768) |
| Antiterrorism Measures | | LS | -- | | -- | (42) |
| ESTIMATED CONTRACT COST | | | | | | 15,841 |
| CONTINGENCY (5.00%) | | | | | | 792 |
| SUBTOTAL | | | | | | 16,633 |
| SUPV, INSP & OVERHEAD (6.50%) | | | | | | 1,081 |
| TOTAL REQUEST | | | | | | 17,714 |
| TOTAL REQUEST (ROUNDED) | | | | | | 17,500 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10. Description of Proposed Construction Construct a standard barracks to accommodate 154 Soldiers. Primary facilities include barracks, building information systems, fire protection and alarm systems, and Energy Monitoring and Control Systems (EMCS) connection and general purpose storage. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include site development, utilities and connections, lighting, paving, parking, walks, curbs and gutters, storm drainage, information systems, landscaping and signage. Heating will be provided by connection to central heating system. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. | | | | | | |
| 11. REQ: | | 5,885 PN | ADQT: 2,397 PN | | SUBSTD: | 3,488 PN |
| PROJECT: Construct a standard barracks at Grafenwoehr, Germany. (Current Mission) | | | | | | |
| REQUIREMENT: This project is required to provide living conditions that meet current standards for Soldiers. The maximum barracks utilization is 154 Soldiers, The rooms will be intended for use by 132 junior enlisted Soldiers | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Grafenwoehr, Germany (Germany Various) | | |
| 4. PROJECT TITLE Barracks | 5. PROJECT NUMBER 69614 | |
| <p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>and 11 junior Noncommissioned Officers.</p> <p><u>CURRENT SITUATION:</u> The capacity of existing barracks at this installation will be reduced as they are modernized to current standards. This will create a deficit that requires construction of new barracks. There are no facilities on the installation that can be converted to barracks, nor are there any facilities located nearby that could satisfy the requirement.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, Soldiers will continue to live in substandard and deteriorated facilities, which will adversely impact morale, retention, and readiness.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p> <p>During the past two years, \$2.36M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Grafenwoehr. Upon completion of this multi-phased project and other projects approved through FY 2012, the remaining unaccompanied enlisted permanent party deficit is 0 personnel at this installation.</p> <p><u>NATO SECURITY INVESTMENT:</u> This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.</p> | | |
| <p>12. <u>SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <p>(a) Date Design Started..... <u>AUG 2010</u></p> <p>(b) Percent Complete As Of January 2011..... <u>35.00</u></p> <p>(c) Date 35% Designed..... <u>JAN 2011</u></p> <p>(d) Date Design Complete..... <u>OCT 2011</u></p> <p>(e) Parametric Cost Estimating Used to Develop Costs <u>YES</u></p> <p>(f) Type of Design Contract: Design-bid-build</p> <p>(g) An energy study and life cycle cost analysis will be documented during the final design.</p> | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|----------------------|--|------------------------|

3. INSTALLATION AND LOCATION
Grafenwoehr, Germany (Germany Various)

| | |
|------------------------------|----------------------------|
| 4. PROJECT TITLE Barracks | 5. PROJECT NUMBER 69614 |
|------------------------------|----------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Grafenwoehr Tng Area GE31P

| | |
|---|---------|
| (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): | (\$000) |
| (a) Production of Plans and Specifications..... | 178 |
| (b) All Other Design Costs..... | 444 |
| (c) Total Design Cost..... | 622 |
| (d) Contract..... | 444 |
| (e) In-house..... | 178 |

(4) Construction Contract Award..... JAN 2012

(5) Construction Start..... APR 2012

(6) Construction Completion..... JAN 2014

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-------------------------------|--------------------------------|--|---------------------|
|-------------------------------|--------------------------------|--|---------------------|

NA

Installation Engineer: Herbert Steinbeck
Phone Number: 011-49-964-183-1360

| | | | | | |
|--|-------------------------|--|---|------------------------|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Grafenwoehr Training Area Germany (Germany Various) | | | 4. PROJECT TITLE Convoy Live Fire Range | | |
| 5. PROGRAM ELEMENT 22212A | 6. CATEGORY CODE 179 | 7. PROJECT NUMBER 65129 | 8. PROJECT COST (\$000) Auth 5,000 Approp 5,000 | | |
| 9. COST ESTIMATES | | | | | |
| ITEM | | UM (M/E) | QUANTITY | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | 4,339 |
| Convoy Live Fire Range | | EA | 1 -- | 3699105 | (3,699) |
| Range Operations Control Area | | EA | 1 -- | 287,546 | (288) |
| Operations/Storage Building | | m2 (SF) | 74.32 (800) | 2,688 | (200) |
| Unit Staging Area | | EA | 1 -- | 67,984 | (68) |
| SDD and EPAct05 | | LS | -- | -- | (4) |
| Building Information Systems | | LS | -- | -- | (80) |
| <u>SUPPORTING FACILITIES</u> | | | | | 134 |
| Electric Service | | LS | -- | -- | (4) |
| Information Systems | | LS | -- | -- | (130) |
| ESTIMATED CONTRACT COST | | | | | 4,473 |
| CONTINGENCY (5.00%) | | | | | 224 |
| SUBTOTAL | | | | | 4,697 |
| SUPV, INSP & OVERHEAD (6.50%) | | | | | 305 |
| TOTAL REQUEST | | | | | 5,002 |
| TOTAL REQUEST (ROUNDED) | | | | | 5,000 |
| INSTALLED EQT-OTHER APPROP | | | | | (1,288) |
| 10. Description of Proposed Construction Construct a modified standard Convoy Live Fire Range. Primary facilities include the Convoy Live Fire Range, range operations control area, operations/storage building, unit staging area, and building information systems. Supporting facilities include electric service and information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 7 kW/2 Tons). | | | | | |
| 11. REQ: 1 EA ADQT: NONE SUBSTD: NONE | | | | | |
| PROJECT: Construct a modified standard Convoy Live Fire Range at Grafenwoehr Training Area, Germany. (Current Mission) | | | | | |
| REQUIREMENT: The Convoy Live Fire Range provides the leader with a facility to train and evaluate the unit during a live fire exercise. Units are trained and evaluated on their ability to move tactically, engage targets, detect improvised explosive devices, and practice target discrimination. Soldiers required to deploy must have training in a live fire environment. This project deviates from the standard design because it does not contain an entry control point (already constructed at another location). Also, it does not contain a latrine or ammunition breakdown building. These facilities are available on adjacent ranges. | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Grafenwoehr Training Area, Germany (Germany Various)

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Convoy Live Fire Range | 5. PROJECT NUMBER 65129 |
|--|--------------------------------|

CURRENT SITUATION: Increased training requirements generated from lessons learned from current deployed units dictate an increase in live fire shooting training events.

IMPACT IF NOT PROVIDED: If this facility is not provided, the Soldiers and Reserve and National Guard units will not be able to obtain and maintain efficiency for live fire training in urban environments. These units will not train to standard, and the gap between equipment fielding and training will widen. Ultimately Soldiers may enter future combat less than fully prepared to employ the full capabilities of their weapons and equipment.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

| | |
|--|--------------|
| (1) Status: | |
| (a) Date Design Started..... | NOV 2009 |
| (b) Percent Complete As Of January 2011..... | 60.00 |
| (c) Date 35% Designed..... | JAN 2010 |
| (d) Date Design Complete..... | OCT 2011 |
| (e) Parametric Cost Estimating Used to Develop Costs | YES |
| (f) Type of Design Contract: Design-bid-build | |
| (2) Basis: | |
| (a) Standard or Definitive Design: YES | |
| (b) Where Most Recently Used: | Fort Stewart |
| (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): | (\$000) |
| (a) Production of Plans and Specifications..... | 210 |
| (b) All Other Design Costs..... | 650 |
| (c) Total Design Cost..... | 860 |
| (d) Contract..... | 310 |
| (e) In-house..... | 550 |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Grafenwoehr Training Area, Germany (Germany Various)

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Convoy Live Fire Range | 5. PROJECT NUMBER 65129 |
|--|--------------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (4) Construction Contract Award..... JAN 2012
- (5) Construction Start..... APR 2012
- (6) Construction Completion..... OCT 2013

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| Targetry | OPA | 2012 | 1,270 |
| Info Sys - ISC | OPA | 2014 | 18 |
| | | TOTAL | 1,288 |

Installation Engineer: Herbert Steinbeck
Phone Number: 011-49-964-183-1360

| | | | | | | |
|--|--|---|----------------------------|--|---|------------------------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Kelley Barracks Germany (Germany Various) | | | | 4. PROJECT TITLE Access Control Point | | |
| 5. PROGRAM ELEMENT 22096A | | 6. CATEGORY CODE 141 | 7. PROJECT NUMBER 61842 | | 8. PROJECT COST (\$000) Auth 12,200 Approp 12,200 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 6,245 |
| Gatehouse & Visitor Control Ctr | | m2 (SF) | 185.81 (2,000) | | 6,151 | (1,143) |
| Guard Booth | | m2 (SF) | 22.30 (240) | | 10,550 | (235) |
| Overwatch Position | | m2 (SF) | 3.34 (36) | | 17,269 | (58) |
| Combo ID & Search Canopy | | m2 (SF) | 728.36 (7,840) | | 1,387 | (1,010) |
| Access Roads | | m2 (SY) | 11,396 (13,630) | | 202.56 | (2,309) |
| Total from Continuation page | | | | | | (1,490) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 4,591 |
| Electric Service | | LS | -- | | -- | (752) |
| Water, Sewer, Gas | | LS | -- | | -- | (405) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (149) |
| Storm Drainage | | LS | -- | | -- | (151) |
| Site Imp(2,663) Demo(4) | | LS | -- | | -- | (2,667) |
| Information Systems | | LS | -- | | -- | (467) |
| ESTIMATED CONTRACT COST | | | | | | 10,836 |
| CONTINGENCY (5.00%) | | | | | | 542 |
| SUBTOTAL | | | | | | 11,378 |
| SUPV, INSP & OVERHEAD (6.50%) | | | | | | 740 |
| TOTAL REQUEST | | | | | | 12,118 |
| TOTAL REQUEST (ROUNDED) | | | | | | 12,200 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10. Description of Proposed Construction Construct a new Access Control Point (ACP) on the southeast side of the installation. The project will include a Visitor Control Center, Gate House, Guard Booths, a Guard Overwatch Position, combination identification and search canopy, access roads, search building, generator and switch gear, and building information systems. Site work includes installation of lighting, automated barrier systems, vehicle inspection areas, rejection lanes, parking and hydraulic barriers. Other components includes fire protection, installation of closed circuit television (CCTV) for area and under vehicle inspection, paving systems, site improvements, information systems, and security fencing. Utilities will include electrical, water, hot water piping, wastewater and storm drainage connections. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Comprehensive building and furnishings related interior design services are required. Access for persons with disabilities will be provided. Demolish 1 building (TOTAL 219 m2/2,357 SF). Air Conditioning (Estimated 11 kW/3 Tons). | | | | | | |
| 11. REQ: | | 11,396 m2 | ADQT: | | NONE | SUBSTD: 11,396 m2 |
| PROJECT: Construct an Access Control Point at Kelley Barracks, Germany. | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
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3. INSTALLATION AND LOCATION

Kelley Barracks, Germany (Germany Various)

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Access Control Point | 5. PROJECT NUMBER 61842 |
|--|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|-----------------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| Search Building | m2 (SF) | 116.13 (1,250) | 3,515 | (408) |
| Generator & switchgear | EA | 1 -- | 95,286 | (95) |
| SDD and EPAct05 | LS | -- | -- | (18) |
| Antiterrorism Measures | LS | -- | -- | (876) |
| Building Information Systems | LS | -- | -- | (93) |
| | | | Total | <u>1,490</u> |

PROJECT: (CONTINUED)

(Current Mission)

REQUIREMENT: Kelley Barracks has a requirement to provide an Access Control Point that meets current standards. The United States European Command requires that installations have physically secured perimeters and entry control points that preclude unauthorized access and eliminate (minimize) the potential for terrorist attack. Access Control Points (ACP) must be constructed in such a way as to ensure the highest level of protection while maintaining unimpeded traffic flow. This is necessary to prevent personnel waiting at entry points and from becoming vulnerable to attack and to avoid pressure being exerted on the guard force to forego security checks in order to accelerate traffic flow. The installation entry control point should include visitor parking, search areas, guard positions and a turning area for unauthorized vehicles to be directed away (rejection lane) from the installation. Construction measures included in this project must provide the necessary protection of existing structures to mitigate potential damage from a vehicle loaded with explosives positioned near the main installation entry points.

CURRENT SITUATION: Currently, security has been lessened due to the current configuration of this gate. Measures are in place using Borrowed Military Manpower (BMM), however, this is proving to be very costly in manpower and dollars. The traffic congestion along with the lack of visitor parking creates a greater vulnerability for the community. The Kelley Barracks entrance does not have the required security features. Jersey Barriers and sand bags are used instead of necessary obstacles. The guardhouse is too small and is vulnerable to attack and presents a compromise to the Security Force. Parking is not available for those visitors who need to enter the installation. The configuration of the access control point precludes redirecting vehicles denied access within the control area. Vehicle inspections can not be adequately conducted at the control point, but are done at a provisional inspection station requiring additional guards. Traffic circulation within the cantonment area has been altered to provide necessary means to increasing security.

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Kelley Barracks, Germany (Germany Various)

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Access Control Point | 5. PROJECT NUMBER 61842 |
|--|--------------------------------|

IMPACT IF NOT PROVIDED: If this project is not provided, the security posture and features needed to protect the US Forces against terrorist attacks cannot be truly implemented. The gate would remain a weak link in the protection of this US Army installation. More personnel will continue to be needed to protect the gate. There will be no parking area for persons without proper documentation waiting to be signed onto post. The installation would have to continue to accept risk. The lack of designated search/inspection areas, vehicle rejection lanes and visitor parking would continue to result in significant entry delays. This could result in the potential for hurried and incomplete searches/inspections and pass checks and creates the possibility for a vehicle borne improvised explosive device (VBIED) being allowed access to the installation undetected.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

NATO SECURITY INVESTMENT: This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.

12. SUPPLEMENTAL DATA:

| | |
|--|----------|
| A. Estimated Design Data: | |
| (1) Status: | |
| (a) Date Design Started..... | SEP 2009 |
| (b) Percent Complete As Of January 2011..... | 25.00 |
| (c) Date 35% Designed..... | FEB 2011 |
| (d) Date Design Complete..... | OCT 2011 |
| (e) Parametric Cost Estimating Used to Develop Costs | YES |
| (f) Type of Design Contract: Design-bid-build | |
| (g) An energy study and life cycle cost analysis will be documented during the final design. | |
| (2) Basis: | |
| (a) Standard or Definitive Design: NO | |
| (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): | (\$000) |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Kelley Barracks, Germany (Germany Various)

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Access Control Point | 5. PROJECT NUMBER 61842 |
|--|--------------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

| | |
|---|--------------|
| (a) Production of Plans and Specifications..... | 170 |
| (b) All Other Design Costs..... | 170 |
| (c) Total Design Cost..... | 340 |
| (d) Contract..... | 170 |
| (e) In-house..... | 170 |
| (4) Construction Contract Award..... | JAN 2012 |
| (5) Construction Start..... | APR 2012 |
| (6) Construction Completion..... | OCT 2013 |

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| NA | | | |

Installation Engineer: Carl Pritchard
Phone Number: DSN 421-6101

| | | | | | | |
|--|--|--|----------------------------|---|---|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Landstuhl Germany (Germany Various) | | | | 4. PROJECT TITLE Satellite Communications Center | | |
| 5. PROGRAM ELEMENT 22096A | | 6. CATEGORY CODE 131 | 7. PROJECT NUMBER 57594 | | 8. PROJECT COST (\$000) Auth 24,000 Approp 24,000 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 18,749 |
| Satellite Communications Center | | m2 (SF) | 2,670 (28,744) | | 5,068 | (13,534) |
| Antenna Pads | | EA | 3 -- | | 842,221 | (2,527) |
| Standby Generator | | kWe (KW) | 3,000 (3,000) | | 559.52 | (1,679) |
| IDS Connection | | LS | -- | | -- | (31) |
| EMCS Connection | | LS | -- | | -- | (30) |
| Total from Continuation page | | | | | | (948) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 3,154 |
| Electric Service | | LS | -- | | -- | (749) |
| Water, Sewer, Gas | | LS | -- | | -- | (190) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (384) |
| Storm Drainage | | LS | -- | | -- | (131) |
| Site Imp(899) Demo(585) | | LS | -- | | -- | (1,484) |
| Information Systems | | LS | -- | | -- | (162) |
| Antiterrorism Measures | | LS | -- | | -- | (54) |
| ESTIMATED CONTRACT COST | | | | | | 21,903 |
| CONTINGENCY (5.00%) | | | | | | 1,095 |
| SUBTOTAL | | | | | | 22,998 |
| SUPV, INSP & OVERHEAD (6.50%) | | | | | | 1,495 |
| TOTAL REQUEST | | | | | | 24,493 |
| TOTAL REQUEST (ROUNDED) | | | | | | 24,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | (2,455) |
| 10. Description of Proposed Construction Construct a Wideband Satellite Communications (SATCOM) Operational Control (WSOC) facility. Primary facilities include the Communications Operations Center and antenna pads, and standby emergency generators. WSOC includes operations rooms, equipment rooms, training and conference rooms, private offices, general administrative areas, storage and supply rooms, an equipment maintenance area, and personnel and security support areas. Interconnection to NETCOM facility (PN 58925) and to antenna pads; building information systems; Intrusion Detection System (IDS) installation, Energy Monitoring and Control System (EMCS) connection; fire, smoke, enunciation, and suppression systems will be provided. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities included site development, utilities and connections, lighting, access road, parking, walks, curbs and gutters, storm drainage, information systems, relocation of fencing, landscaping and signage. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Access for individuals with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Heating will be provided by self contained units. Demolition of the existing facilities at Landstuhl and Rhine Ordnance Barracks (ROB) will be included in this project. Demolish 2 | | | | | | |

| | | |
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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Landstuhl, Germany (Germany Various)

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Satellite Communications Center | 5. PROJECT NUMBER 57594 |
|---|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|----------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| SDD and EPAct05 | LS | -- | -- | (259) |
| Antiterrorism Measures | LS | -- | -- | (360) |
| Building Information Systems | LS | -- | -- | (329) |
| | | | Total | 948 |

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
buildings at Landstuhl Heliport GE48P, GY (TOTAL 1,034 m2/11,125 SF) and 21 buildings at Rhine Ordnance Bks GE72N, GY (TOTAL 1,679 m2/18,069 SF). Air Conditioning (Estimated 1,055 kW/300 Tons).

11. REQ: 11,892 m2 ADQT: 4,521 m2 SUBSTD: 2,002 m2

PROJECT: Construct a Wideband Satellite Communications (SATCOM) Operational Control facility at Landstuhl, Germany. (Current Mission)

REQUIREMENT: The WSOC facilities will support the soon-to-be-fielded Wideband Gapfiller Communication Satellites. These satellites are being fielded as a replacement for the current Defense Satellite Communications System (DSCS) satellites. During the next ten years, the Wideband satellites will be launched as the old DSCS satellites are removed from operational orbit. During that time, portions of both constellations will be in orbit (requiring control equipment for both systems to be simultaneously operational). The new WSOC facilities will be sized and designed with adequate computer room space and utilities to support both satellite constellations simultaneously.

CURRENT SITUATION: The mission is currently being operated from the Defense Satellite Communications System (DSCS) Operations Center (DSCSOC) at Landstuhl, GE. This facility is a twenty-five year old, pre-engineered metal building that has come to the end of its useful life in support of this program. The facility is not large enough to support the current equipment while the new systems equipment is being installed and operated. The electrical infrastructure in the facility is incapable of supporting this new equipment and the building mechanical systems are in poor shape and showing signs of failure. This facility has been expanded twice since its original construction.

IMPACT IF NOT PROVIDED: If a new WSOC facility is not constructed at the Landstuhl Heliport SATCOM site, the SATCOM unit will not be able to fully control all communications satellites assigned. The existing facility needs to be completely replaced to provide adequate space, electrical systems, and mechanical systems to support the existing and future equipment.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required

| | | |
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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Landstuhl, Germany (Germany Various)

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Satellite Communications Center | 5. PROJECT NUMBER 57594 |
|---|--------------------------------|

ADDITIONAL: (CONTINUED)
antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.
NATO SECURITY INVESTMENT: This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

| | |
|--|----------|
| (1) Status: | |
| (a) Date Design Started..... | SEP 2009 |
| (b) Percent Complete As Of January 2011..... | 35.00 |
| (c) Date 35% Designed..... | JAN 2011 |
| (d) Date Design Complete..... | OCT 2011 |
| (e) Parametric Cost Estimating Used to Develop Costs | YES |
| (f) Type of Design Contract: Design-bid-build | |
| (g) An energy study and life cycle cost analysis will be documented during the final design. | |
| (2) Basis: | |
| (a) Standard or Definitive Design: NO | |
| (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): | (\$000) |
| (a) Production of Plans and Specifications..... | 960 |
| (b) All Other Design Costs..... | 1,440 |
| (c) Total Design Cost..... | 2,400 |
| (d) Contract..... | 1,440 |
| (e) In-house..... | 960 |
| (4) Construction Contract Award..... | JAN 2012 |
| (5) Construction Start..... | APR 2012 |
| (6) Construction Completion..... | APR 2014 |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Landstuhl, Germany (Germany Various)

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Satellite Communications Center | 5. PROJECT NUMBER 57594 |
|---|--------------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| UPS & Batteries | OPA | 2013 | 999 |
| CCTV | OPA | 2013 | 145 |
| IDS Equipment | OPA | 2013 | 1,198 |
| Access Control | OPA | 2013 | 13 |
| Info Sys - ISC | OPA | 2013 | 100 |
| TOTAL | | | 2,455 |

Installation Engineer: Willimore M. Mack
Phone Number: 011-49-631-411-1560

| | | | | | | |
|--|--|--|----------------------------|---|---|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Landstuhl Germany (Germany Various) | | | | 4. PROJECT TITLE Satellite Communications Center | | |
| 5. PROGRAM ELEMENT 22096A | | 6. CATEGORY CODE 131 | 7. PROJECT NUMBER 58925 | | 8. PROJECT COST (\$000) Auth 39,000 Approp 39,000 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 28,658 |
| Satellite Communications Center | | m2 (SF) | 4,701 (50,600) | | 4,796 | (22,545) |
| Power Generator Building | | m2 (SF) | 988.86 (10,644) | | 2,722 | (2,692) |
| Standby Generator | | EA | 2 -- | | 602,949 | (1,206) |
| IDS Installation | | LS | -- | | -- | (109) |
| EMCS Connection | | LS | -- | | -- | (68) |
| Total from Continuation page | | | | | | (2,038) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 6,449 |
| Electric Service | | LS | -- | | -- | (1,412) |
| Water, Sewer, Gas | | LS | -- | | -- | (767) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (316) |
| Storm Drainage | | LS | -- | | -- | (117) |
| Site Imp(2,654) Demo(984) | | LS | -- | | -- | (3,638) |
| Information Systems | | LS | -- | | -- | (51) |
| Antiterrorism Measures | | LS | -- | | -- | (148) |
| ESTIMATED CONTRACT COST | | | | | | 35,107 |
| CONTINGENCY (5.00%) | | | | | | 1,755 |
| SUBTOTAL | | | | | | 36,862 |
| SUPV, INSP & OVERHEAD (6.50%) | | | | | | 2,396 |
| TOTAL REQUEST | | | | | | 39,258 |
| TOTAL REQUEST (ROUNDED) | | | | | | 39,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | (40,441) |
| 10. Description of Proposed Construction Construct a Strategic Satellite Communications Earth Station Facility. Project will provide space for existing and newly fielded electronic equipment; network operations control; communications equipment maintenance; mission equipment; training; technical library; secure, parts and tool storage, and Nuclear, Biological and Chemical (NBC) equipment and personnel equipment storage; arms and supply rooms; administrative operations space; conference rooms; telephone system and Local Area Network (LAN) equipment; latrines, showers, and locker rooms; outdoor break area; indoor break facilities; and loading dock with shipping and receiving covered areas. Included are redundant power (auxiliary emergency generators) and air conditioning systems; raised access flooring; and fire detection and suppression systems. Secure telecommunications lines, installation of Intrusion Detection System (IDS), installation of Uninterruptible Power Supply (UPS) and connections to Energy Monitoring and Control System (EMCS) are also included. Supporting facilities will include a new interconnecting facility link from thirteen existing satellite antennae to their relocated stations in the new building, site development, utilities and connections, lighting, access road, walks, storm drainage, information systems, relocation of fencing, landscaping and signage. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be | | | | | | |

| | | |
|-----------------------------|--|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|-----------------------------|--|------------------------|

3. INSTALLATION AND LOCATION
Landstuhl, Germany (Germany Various)

| | |
|---|----------------------------|
| 4. PROJECT TITLE Satellite Communications Center | 5. PROJECT NUMBER 58925 |
|---|----------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|----------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| SDD and EAct05 | LS | -- | -- | (543) |
| Antiterrorism Measures | LS | -- | -- | (684) |
| Building Information Systems | LS | -- | -- | (811) |
| | | | Total | 2,038 |

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
provided. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EAct05) features will be provided. Access for individuals with disabilities will be provided. Demolish 7 buildings at Landstuhl Heliport GE48P, GY (TOTAL 1,605 m2/17,278 SF) and 37 buildings at Rhine Ordnance Bks GE72N, GY (TOTAL 3,059 m2/32,930 SF). Air Conditioning (Estimated 1,495 kW/425 Tons).

11. REQ: 11,892 m2 ADQT: 4,521 m2 SUBSTD: 2,002 m2
PROJECT: Construct a Strategic Satellite Communications Earth Station Facility at Landstzul, Germany. (Current Mission)
REQUIREMENT: This project is required to provide a functionally reliable consolidated state-of-the-art satellite earth terminal communication facility, a critical node in the DoD worldwide communications network and provide communications connectivity for tactical and strategic users to the Defense Information System Network (DSN). These services are provided by the Defense Communications Satellite Station (DCSS) Landstuhl and the Global Information Grid (GIG) Landstuhl respectively. This critical strategic mission provides for enhanced worldwide communications capability, requiring continuous operations 24 hours, seven days a week. Operations at the "Freedom's Gateway" station provide high quality and reliable satellite links to multiple major communications facilities within key operational areas of CONUS, AFRICOM, Southwest Asia (SWA), the Middle East, Europe, the Indian and Pacific basins as well as providing local DSN services for the deployed warfighter and the sustaining base. In the past 18 months the facility at Landstuhl has seen a 25% increase in equipment and personnel. In addition, there has also been a 125% increase in on-site satellite antenna assets as well as 200% Tactical Mission growth and 15% Strategic Mission growth. All indications are this type of growth will continue as the military migrates to a broadband satellite communications standard employing emerging military and commercial systems.
CURRENT SITUATION: SATCOM strategic mission operations and support functions are currently performed in four aging buildings constructed in the late 1970s and early 1980s during the early days of the digital revolution. Two of the primary buildings are pre-engineered metal structures. All the facilities are inadequately sized and configured for current and future strategic

| | | |
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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Landstuhl, Germany (Germany Various) | | |
| 4. PROJECT TITLE Satellite Communications Center | 5. PROJECT NUMBER 58925 | |
| <p><u>CURRENT SITUATION:</u> (CONTINUED)</p> <p>communication missions. They lack sufficient computer server areas, staging areas, shipping/receiving areas, secure equipment storage and maintenance areas, latrine facilities, mission planning and training, as well as administrative and Company/Battalion operational areas. As DCSS Landstuhl and GIG missions have grown, new equipment and personnel have been piecemealed into the existing facilities with negative impacts on operational efficiencies and operator support. All existing buildings are past their expected design life, are costly to maintain, and are now operationally inefficient due to non-technical areas being converted to house electronic equipment. The Heating, Ventilation, Air Conditioning (HVAC) and electrical system including fire smoke detection systems are undersized and do not meet current fire/life-safety standards and codes, thus placing the equipment at risk of failure. The facilities lack fire suppression systems, placing mission and workforce in potentially hazardous conditions. Past expansions, space reassignments and relocations have further adversely impacted the buildings utility infrastructure.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided DCSS and GIG Landstuhl mission support for emerging strategic communications missions in support of Army Transformation and Modularity will be severely hampered in this region. New facilities are needed to provide sufficient utility capacity and required space to support new Transformation Communications Architectures Systems (Advanced Extremely High Frequency, Joint Network Node, DoD Teleport, Mobile User Objective Systems, Comm-on-the-move) missions that are being downward directed by the Chairman, Joint Chiefs of Staff and the Senior Warfighter Forum (SWarF). Without the proper utility support and facility space, the communications reach-back capability to connect the strategic commanders with the deployed modular unit warfighter will be severely compromised. Further, secure and reliable time sensitive information may not be readily available to installation and field commanders, placing deployed units at imminent loss of life risk. Lack of space and adequate facility support will critically impact the ability of the US Army to provide Joint Chiefs of Staff critical communications to the warfighter, particularly to the newly deployed modular units. Without this facility the existing sub-standard buildings will continue to degrade; further overcrowding of electronic and communication equipment will exceed facilities utility infrastructure; mission-essential equipment will remain vulnerable to catastrophic failure, and will continue to compromise the safety of the maintenance and operating personnel working in these facilities.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that</p> | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Landstuhl, Germany (Germany Various)

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Satellite Communications Center | 5. PROJECT NUMBER 58925 |
|---|--------------------------------|

ADDITIONAL: (CONTINUED)
 this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.
NATO SECURITY INVESTMENT: This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
- (a) Date Design Started..... SEP 2009
 - (b) Percent Complete As Of January 2011..... 35.00
 - (c) Date 35% Designed..... JAN 2011
 - (d) Date Design Complete..... OCT 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build
 - (g) An energy study and life cycle cost analysis will be documented during the final design.

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

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
- (a) Production of Plans and Specifications..... 1,613
 - (b) All Other Design Costs..... 2,016
 - (c) Total Design Cost..... 3,629
 - (d) Contract..... 2,016
 - (e) In-house..... 1,613

- (4) Construction Contract Award..... JAN 2012
- (5) Construction Start..... APR 2012
- (6) Construction Completion..... APR 2014

| | | |
|----------------------|--|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|----------------------|--|------------------------|

3. INSTALLATION AND LOCATION
Landstuhl, Germany (Germany Various)

| | |
|---|----------------------------|
| 4. PROJECT TITLE Satellite Communications Center | 5. PROJECT NUMBER 58925 |
|---|----------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| SATCOM equipment | OPA | 2013 | 14,498 |
| Tech Control Fac (TCF) Equipment | OPA | 2013 | 23,418 |
| Other Mission Equipment | OPA | 2013 | 401 |
| UPS Equipment | OPA | 2013 | 1,500 |
| Info Sys - ISC | OPA | 2013 | 624 |
| | | TOTAL | 40,441 |

Installation Engineer: Willimore M. Mack
Phone Number: 011-49-631-411-1560

| | | | | | |
|--|-------------------------|--|---|------------------------|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Oberdachstetten Training Area Germany (Germany Various) | | | 4. PROJECT TITLE Automated Record Fire Range | | |
| 5. PROGRAM ELEMENT 22212A | 6. CATEGORY CODE 178 | 7. PROJECT NUMBER 71906 | 8. PROJECT COST (\$000) Auth 12,200 Approp 12,200 | | |
| 9. COST ESTIMATES | | | | | |
| ITEM | | UM (M/E) | QUANTITY | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | 10,537 |
| Automated Record Fire Range | | FP | 6 -- | 1513536 | (9,081) |
| Range Operations Control Area | | EA | 1 -- | 176,694 | (177) |
| Range Control Tower | | EA | 1 -- | 307,890 | (308) |
| Operations/Storage Building | | m2 (SF) | 74.32 (800) | 2,695 | (200) |
| Classroom Building | | m2 (SF) | 74.32 (800) | 3,482 | (259) |
| Total from Continuation page | | | | | (512) |
| <u>SUPPORTING FACILITIES</u> | | | | | 386 |
| Water, Sewer, Gas | | LS | -- | -- | (6) |
| Storm Drainage | | LS | -- | -- | (250) |
| Information Systems | | LS | -- | -- | (130) |
| ESTIMATED CONTRACT COST | | | | | 10,923 |
| CONTINGENCY (5.00%) | | | | | 546 |
| SUBTOTAL | | | | | 11,469 |
| SUPV, INSP & OVERHEAD (6.50%) | | | | | 745 |
| TOTAL REQUEST | | | | | 12,214 |
| TOTAL REQUEST (ROUNDED) | | | | | 12,200 |
| INSTALLED EQT-OTHER APPROP | | | | | () |
| 10. Description of Proposed Construction Construct a baffled modified standard Automated Record Fire (ARF) Range. Primary facilities include the ARF range, range operations control area, range control tower, operations/storage building, classroom building, bleacher enclosure, ammunition breakdown building, latrine renovation, and building information systems. Supporting facilities include: water, sewer and gas; storm drainage; and information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 21 kW/6 Tons). | | | | | |
| 11. REQ: 6 FP ADQT: NONE SUBSTD: 6 FP | | | | | |
| PROJECT: Construct a baffled modified standard Automated Record Fire (ARF) Range at Oberdachstetten Training Area, Germany. (Current Mission) | | | | | |
| REQUIREMENT: This project is required to provide units with a baffled modified ARF range to conduct small arms training and weapons qualification. This range deviates from the standard ARF range in that this range will consist of six lanes (versus the standard of 16 lanes) and the lanes will be baffled. | | | | | |
| CURRENT SITUATION: Currently, the existing range is used to train and test individual Soldiers on the skills necessary to identify, engage and defeat stationary infantry targets for day/night qualification requirements with the | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Oberdachstetten Training Area, Germany (Germany Various)

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Automated Record Fire Range | 5. PROJECT NUMBER 71906 |
|---|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|--------------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| Bleacher Enclosure | EA | 1 -- | 134,433 | (134) |
| Ammunition Breakdown Building | m2 (SF) | 17.19 (185) | 8,598 | (148) |
| Renovate Latrine | m2 (SF) | 37.16 (400) | 3,629 | (135) |
| SDD and EPAct05 | LS | -- | -- | (15) |
| Building Information Systems | LS | -- | -- | (80) |
| | | | Total | 512 |

CURRENT SITUATION: (CONTINUED)

M16 & M4 rifles. After this range is modified, the range will combine the capabilities of Automated Field Fire, Automated Record Fire, and Automated Night Fire Ranges, reducing land and maintenance requirements and increasing training efficiencies.

IMPACT IF NOT PROVIDED: If this facility is not provided Soldiers that train at Oberdachstetten Training Area will not be able to obtain and maintain proficiency for live fire training. Units will not train to standard, and the gap between equipment fielding and training will widen. Ultimately, Soldiers may enter future combat less than fully prepared to employ the full capabilities of their weapons and equipment.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

| | |
|--|----------|
| (1) Status: | |
| (a) Date Design Started..... | NOV 2009 |
| (b) Percent Complete As Of January 2011..... | 35.00 |
| (c) Date 35% Designed..... | JAN 2011 |
| (d) Date Design Complete..... | OCT 2011 |
| (e) Parametric Cost Estimating Used to Develop Costs | YES |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Oberdachstetten Training Area, Germany (Germany Various)

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Automated Record Fire Range | 5. PROJECT NUMBER 71906 |
|---|--------------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Butzbach Tng Area &Rng GE12D

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

| | |
|---|-----|
| (a) Production of Plans and Specifications..... | 280 |
| (b) All Other Design Costs..... | 355 |
| (c) Total Design Cost..... | 635 |
| (d) Contract..... | 355 |
| (e) In-house..... | 280 |

(4) Construction Contract Award..... JAN 2012

(5) Construction Start..... APR 2012

(6) Construction Completion..... OCT 2013

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

| <u>Equipment</u> <u>Nomenclature</u> | <u>Procuring</u> <u>Appropriation</u> | <u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u> | <u>Cost</u> <u>(\$000)</u> |
|---|--|--|-------------------------------|
|---|--|--|-------------------------------|

NA

Installation Engineer: Fred Rashnavadi
Phone Number: DSN 314-468-3353

| | | | | | | |
|--|--|--|----------------------------|------------------------------|---|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION South Camp Vilseck Germany (Germany Various) | | | | 4. PROJECT TITLE Barracks | | |
| 5. PROGRAM ELEMENT 22096A | | 6. CATEGORY CODE 721 | 7. PROJECT NUMBER 69615 | | 8. PROJECT COST (\$000) Auth 20,000 Approp 20,000 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 14,779 |
| Barracks | | m2 (SF) | 5,662 (60,947) | | 2,340 | (13,249) |
| Gen Purpose Storage Facility | | m2 (SF) | 54.44 (586) | | 1,772 | (96) |
| Special Foundation | | LS | -- | | -- | (653) |
| EMCS Connection | | LS | -- | | -- | (63) |
| SDD and EPAct05 | | LS | -- | | -- | (302) |
| Total from Continuation page | | | | | | (416) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 3,541 |
| Electric Service | | LS | -- | | -- | (107) |
| Water, Sewer, Gas | | LS | -- | | -- | (82) |
| Steam And/Or Chilled Water Dist | | LS | -- | | -- | (398) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (1,063) |
| Storm Drainage | | LS | -- | | -- | (434) |
| Site Imp(644) Demo() | | LS | -- | | -- | (644) |
| Information Systems | | LS | -- | | -- | (750) |
| Antiterrorism Measures | | LS | -- | | -- | (63) |
| ESTIMATED CONTRACT COST | | | | | | 18,320 |
| CONTINGENCY (5.00%) | | | | | | 916 |
| SUBTOTAL | | | | | | 19,236 |
| SUPV, INSP & OVERHEAD (6.50%) | | | | | | 1,250 |
| TOTAL REQUEST | | | | | | 20,486 |
| TOTAL REQUEST (ROUNDED) | | | | | | 20,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10. Description of Proposed Construction Construct a barracks to accommodate 154 Soldiers. Primary facilities include barracks, building information systems, fire protection and alarm systems, Energy Monitoring and Control Systems (EMCS) connection and general purpose storage. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include site development, utilities and connections, lighting, paving, parking, walks, curbs and gutters, storm drainage, information systems, landscaping and signage. Heating will be provided by connection to central heating system. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. | | | | | | |
| 11. REQ: | | 5,885 PN | ADQT: 2,397 PN | | SUBSTD: | 3,488 PN |
| PROJECT: Construct a barracks at Grafenwoehr, Germany. (Current Mission) | | | | | | |
| REQUIREMENT: This project is required to provide living conditions that meet current Army standards for Soldiers. The maximum barracks utilization is 154 Soldiers, The rooms will be intended for use by 132 junior enlisted Soldiers and 11 junior Noncommissioned Officers. | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|-----------------------------|--|------------------------|

3. INSTALLATION AND LOCATION
South Camp Vilseck, Germany (Germany Various)

| | |
|------------------------------|----------------------------|
| 4. PROJECT TITLE Barracks | 5. PROJECT NUMBER 69615 |
|------------------------------|----------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|----------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| Antiterrorism Measures | LS | -- | -- | (226) |
| Building Information Systems | LS | -- | -- | (190) |
| | | | Total | 416 |

CURRENT SITUATION: The capacity of existing barracks at this installation will be reduced as they are modernized to current standards. This will create a deficit that requires construction of new barracks. There are no facilities on the installation that can be converted to barracks, nor are there any facilities located nearby that could satisfy the requirement.

IMPACT IF NOT PROVIDED: If this project is not provided, Soldiers will continue to live in substandard and deteriorated facilities, which will adversely impact morale, retention, and readiness.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

During the past two years, \$2.36M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Grafenwoehr. Upon completion of this multi-phased project and other projects approved through FY 2012, the remaining unaccompanied enlisted permanent party deficit is 0 personnel at this installation.

NATO SECURITY INVESTMENT: This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|----------------------------|------------------------------|-----------------|--|--------------|----------------------------|-----------------|-------------------------------|-----------------|--|------------|---|--|--|--|---|------------|---------------------------------|--------------|----------------------------|--------------|-------------------|--------------|-------------------|------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. INSTALLATION AND LOCATION South Camp Vilseck, Germany (Germany Various) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. PROJECT TITLE Barracks | 5. PROJECT NUMBER 69615 | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>12. SUPPLEMENTAL DATA:</p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr><td>(a) Date Design Started.....</td><td><u>AUG 2010</u></td></tr> <tr><td>(b) Percent Complete As Of January 2011.....</td><td><u>35.00</u></td></tr> <tr><td>(c) Date 35% Designed.....</td><td><u>JAN 2011</u></td></tr> <tr><td>(d) Date Design Complete.....</td><td><u>OCT 2011</u></td></tr> <tr><td>(e) Parametric Cost Estimating Used to Develop Costs</td><td><u>YES</u></td></tr> <tr><td>(f) Type of Design Contract: Design-bid-build</td><td></td></tr> <tr><td>(g) An energy study and life cycle cost analysis will be documented during the final design.</td><td></td></tr> </table> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design: NO</p> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table border="0"> <tr><td>(a) Production of Plans and Specifications.....</td><td><u>806</u></td></tr> <tr><td>(b) All Other Design Costs.....</td><td><u>1,210</u></td></tr> <tr><td>(c) Total Design Cost.....</td><td><u>2,016</u></td></tr> <tr><td>(d) Contract.....</td><td><u>1,210</u></td></tr> <tr><td>(e) In-house.....</td><td><u>806</u></td></tr> </table> <p>(4) Construction Contract Award..... <u>JAN 2012</u></p> <p>(5) Construction Start..... <u>APR 2012</u></p> <p>(6) Construction Completion..... <u>JAN 2014</u></p> | | | (a) Date Design Started..... | <u>AUG 2010</u> | (b) Percent Complete As Of January 2011..... | <u>35.00</u> | (c) Date 35% Designed..... | <u>JAN 2011</u> | (d) Date Design Complete..... | <u>OCT 2011</u> | (e) Parametric Cost Estimating Used to Develop Costs | <u>YES</u> | (f) Type of Design Contract: Design-bid-build | | (g) An energy study and life cycle cost analysis will be documented during the final design. | | (a) Production of Plans and Specifications..... | <u>806</u> | (b) All Other Design Costs..... | <u>1,210</u> | (c) Total Design Cost..... | <u>2,016</u> | (d) Contract..... | <u>1,210</u> | (e) In-house..... | <u>806</u> |
| (a) Date Design Started..... | <u>AUG 2010</u> | | | | | | | | | | | | | | | | | | | | | | | | | |
| (b) Percent Complete As Of January 2011..... | <u>35.00</u> | | | | | | | | | | | | | | | | | | | | | | | | | |
| (c) Date 35% Designed..... | <u>JAN 2011</u> | | | | | | | | | | | | | | | | | | | | | | | | | |
| (d) Date Design Complete..... | <u>OCT 2011</u> | | | | | | | | | | | | | | | | | | | | | | | | | |
| (e) Parametric Cost Estimating Used to Develop Costs | <u>YES</u> | | | | | | | | | | | | | | | | | | | | | | | | | |
| (f) Type of Design Contract: Design-bid-build | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (g) An energy study and life cycle cost analysis will be documented during the final design. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (a) Production of Plans and Specifications..... | <u>806</u> | | | | | | | | | | | | | | | | | | | | | | | | | |
| (b) All Other Design Costs..... | <u>1,210</u> | | | | | | | | | | | | | | | | | | | | | | | | | |
| (c) Total Design Cost..... | <u>2,016</u> | | | | | | | | | | | | | | | | | | | | | | | | | |
| (d) Contract..... | <u>1,210</u> | | | | | | | | | | | | | | | | | | | | | | | | | |
| (e) In-house..... | <u>806</u> | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

South Camp Vilseck, Germany (Germany Various)

| | |
|----------------------------------|--------------------------------|
| 4. PROJECT TITLE Barracks | 5. PROJECT NUMBER 69615 |
|----------------------------------|--------------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
|-----------------------------------|------------------------------------|--|-------------------------|

NA

Installation Engineer: Herbert Steinbeck
Phone Number: 011-49-964-183-1360

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2012
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

| STATE | INSTALLATION (COMMAND) | AUTHORIZATION | APPROPRIATION | NEW/ CURRENT | MISSION | PAGE |
|-------------------------------------|----------------------------------|---------------|---------------|-----------------|---------|------|
| ----- PROJECT NUMBER ----- | ----- PROJECT TITLE ----- | REQUEST | REQUEST | | | |
| Honduras | Honduras Various (USARSO) | | | | | |
| 61388 | Barracks | 25,000 | 25,000 | C | | 481 |
| | Subtotal Honduras Various Part I | \$ 25,000 | 25,000 | | | |
| | * TOTAL MCA FOR Honduras | \$ 25,000 | 25,000 | | | |

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|---|--|--|-------------------------------|---------------------------------|--|----------------|
| 1.COMONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2.DATE 10 FEB 2011 | |
| 3.INSTALLATION AND LOCATION Honduras Various Honduras | | | | 4.PROJECT TITLE Barracks | | |
| 5.PROGRAM ELEMENT 22096A | | 6.CATEGORY CODE 721 | 7.PROJECT NUMBER 61388 | | 8.PROJECT COST (\$000) Auth 25,000 Approp 25,000 | |
| 9.COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 21,739 |
| Barracks | | m2 (SF) | 7,418 (79,848) | | 2,111 | (15,658) |
| Senior NCO Personnel Housing | | m2 (SF) | 2,473 (26,616) | | 2,111 | (5,219) |
| EMCS Connection | | LS | -- | | -- | (105) |
| SDD and EPAct05 | | LS | -- | | -- | (420) |
| Building Information Systems | | LS | -- | | -- | (337) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 1,041 |
| Electric Service | | LS | -- | | -- | (161) |
| Water, Sewer, Gas | | LS | -- | | -- | (281) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (86) |
| Site Imp(234) Demo(218) | | LS | -- | | -- | (452) |
| Information Systems | | LS | -- | | -- | (34) |
| Antiterrorism Measures | | LS | -- | | -- | (27) |
| ESTIMATED CONTRACT COST | | | | | | 22,780 |
| CONTINGENCY (5.00%) | | | | | | 1,139 |
| SUBTOTAL | | | | | | 23,919 |
| SUPV, INSP & OVERHEAD (6.50%) | | | | | | 1,555 |
| TOTAL REQUEST | | | | | | 25,474 |
| TOTAL REQUEST (ROUNDED) | | | | | | 25,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10.Description of Proposed Construction Construct a standard barracks to accommodate 218 junior enlisted personnel and 72 non-commissioned officers. Primary facilities include living and sleeping quarters, baths, storage, service areas, building information systems, fire protection and alarm systems, and Energy Monitoring and Control Systems (EMCS) connection. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include site development, utilities and connections, lighting, paving, parking, walks, curbs and gutters, storm drainage, information systems, landscaping and signage. Air conditioning will be provided by a self-contained system. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. Demolish 67 buildings (TOTAL 3,538 m2/38,082 SF). Air Conditioning (Estimated 528 kW _r /150 Tons). | | | | | | |
| 11. REQ: | | 678 PN | ADQT: | | NONE | SUBSTD: 134 PN |
| PROJECT: Construct a standard barracks at Soto Cano, Honduras. (Current Mission) | | | | | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Honduras Various, Honduras

| | |
|----------------------------------|--------------------------------|
| 4. PROJECT TITLE Barracks | 5. PROJECT NUMBER 61388 |
|----------------------------------|--------------------------------|

REQUIREMENT: This project is needed to provide adequate lodging to enlisted personnel stationed in Joint Task Force-Bravo, Soto Cano, Honduras. The current requirement is to house 678 Soldiers in permanent facilities. This project will construct barracks for 216 Soldiers and a Senior Non-Commissioned Officer barracks for 72 Soldiers. This project is located in the Alpha and Bravo areas of the installation.

CURRENT SITUATION: Adequate existing facilities are not available to support the Soldiers that live and work at Soto Cano, Honduras. Soldiers are living in substandard facilities. These wood facilities are twenty-five years old and lack indoor plumbing, are not energy efficient, present a fire hazard, and require constant maintenance.

IMPACT IF NOT PROVIDED: If this project is not provided, the installation will not be able to support and provide Soldiers with adequate permanent barracks facilities. The temporary facilities were built with local timber. The timber is dry and unprotected. These types of structures become a fire hazard in a hot climate and are dangerous. If this project is not provided the Soldiers will continue to live and work in dangerous, substandard facilities.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

During the past two years, \$900,000 has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Soto Cano. Upon completion of this multi-phased project and other projects approved through FY 2012, the remaining unaccompanied enlisted permanent party deficit is 246 personnel at this installation.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2009
- (b) Percent Complete As Of January 2011..... 35.00
- (c) Date 35% Designed..... JAN 2011
- (d) Date Design Complete..... OCT 2011
- (e) Parametric Cost Estimating Used to Develop Costs YES

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Honduras Various, Honduras

| | |
|----------------------------------|--------------------------------|
| 4. PROJECT TITLE Barracks | 5. PROJECT NUMBER 61388 |
|----------------------------------|--------------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Honduras Various

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

| | |
|---|-------|
| (a) Production of Plans and Specifications..... | 720 |
| (b) All Other Design Costs..... | 1,440 |
| (c) Total Design Cost..... | 2,160 |
| (d) Contract..... | 1,440 |
| (e) In-house..... | 720 |

(4) Construction Contract Award..... JAN 2012

(5) Construction Start..... APR 2012

(6) Construction Completion..... APR 2014

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

| <u>Equipment</u> <u>Nomenclature</u> | <u>Procuring</u> <u>Appropriation</u> | <u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u> | <u>Cost</u> <u>(\$000)</u> |
|---|--|--|-------------------------------|
|---|--|--|-------------------------------|

NA

Installation Engineer: Craig Nakajo
Phone Number: 210-295-6045

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DEPARTMENT OF THE ARMY
 FISCAL YEAR 2012
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

| STATE | INSTALLATION (COMMAND) | | | NEW/ | |
|--------|--|-------|---------------|---------------|--------------|
| ----- | PROJECT | ----- | AUTHORIZATION | APPROPRIATION | CURRENT |
| NUMBER | PROJECT TITLE | | REQUEST | REQUEST | MISSION PAGE |
| ----- | ----- | | ----- | ----- | ----- |
| Korea | Korea Various (IMCOM) | | | | 487 |
| | Area IV Camp Carroll | | | | |
| 72650 | Barracks | | 41,000 | 41,000 | C 489 |
| | Area IV Camp Henry | | | | |
| 76235 | Barracks Complex | | 48,000 | 48,000 | C 493 |
| | | | ----- | ----- | |
| | Subtotal Korea Various Part I | | \$ 89,000 | 89,000 | |
| | * TOTAL MCA FOR Korea | | \$ 89,000 | 89,000 | |
| | ** TOTAL OUTSIDE THE UNITED STATES FOR MCA | | \$ 376,900 | 376,900 | |

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|--|---------------------------------------|------------------|---|---------|---------------|--|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | | | | | | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Korea Various Korea | | | 4. COMMAND US Army Installation Management Command | | | 5. AREA CONSTRUCTION COST INDEX 1.16 | |
| 6. PERSONNEL STRENGTH: | | | | | | | |
| | PERMANENT | | STUDENTS | | | SUPPORTED | |
| | OFFICER | ENLIST | CIVIL | OFFICER | ENLIST | CIVIL | TOTAL |
| A. AS OF 05 NOV 2010 | 2999 | 15188 | 9911 | 0 | 113 | 0 | 987 4847 8722 42,767 |
| B. END FY 2016 | 2776 | 14246 | 9545 | 0 | 62 | 0 | 970 4807 7076 39,482 |
| 7. INVENTORY DATA (\$000) | | | | | | | |
| A. TOTAL AREA..... | 7,844 ha | | (19,384 AC) | | | | |
| B. INVENTORY TOTAL AS OF 31 DEC 2010..... | 9,999,948 | | | | | | |
| C. AUTHORIZATION NOT YET IN INVENTORY..... | 1,064,798 | | | | | | |
| D. AUTHORIZATION REQUESTED IN THE FY 2012 PROGRAM..... | 89,000 | | | | | | |
| E. AUTHORIZATION INCLUDED IN THE FY 2013 PROGRAM..... | 91,000 | | | | | | |
| F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY)..... | 0 | | | | | | |
| G. REMAINING DEFICIENCY..... | 1,503,514 | | | | | | |
| H. GRAND TOTAL..... | 12,748,260 | | | | | | |
| 8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2012 PROGRAM: | | | | | | | |
| CATEGORY PROJECT | | PROJECT TITLE | | COST | DESIGN STATUS | | |
| CODE | NUMBER | | | (\$000) | START | COMPLETE | |
| 721 | 72650 | Barracks | | 41,000 | 08/2010 | 10/2011 | |
| 721 | 76235 | Barracks Complex | | 48,000 | 08/2010 | 10/2011 | |
| TOTAL | | | | 89,000 | | | |
| 9. FUTURE PROJECT APPROPRIATIONS: | | | | | | | |
| CATEGORY | | PROJECT TITLE | | COST | | | |
| CODE | | | | (\$000) | | | |
| A. INCLUDED IN THE FY 2013 PROGRAM: | | | | | | | |
| 214 | Battalion Headquarters Complex | | | 60,000 | | | |
| 740 | Youth Service Facility | | | 9,000 | | | |
| 141 | KORCOM Command Post | | | 22,000 | | | |
| TOTAL | | | | 91,000 | | | |
| B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE | | | | | | | |
| C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): N/A | | | | | | | |
| 10. MISSION OR MAJOR FUNCTIONS: | | | | | | | |
| Eighth United States Army (EUSA) exercises command and control of all assigned units. Organizes, equips, trains, and employs forces to ensure optimum readiness for combat operations. Maintains a posture of combat readiness to deter any attack upon the Republic of Korea (ROK) and if deterrence fails, conduct sustained Army, joint, and combined military operations to defeat the enemy. Provides logistical and administrative support for forces, including Headquarters, United Nations Command (HQ UNC), in order to fulfill the operational requirements of ROK-US CFC and USFK. | | | | | | | |

| | | |
|----------------------|---------------------------------------|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | 2. DATE 10 FEB 2011 |
|----------------------|---------------------------------------|------------------------|

INSTALLATION AND LOCATION: Korea Various, Korea

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

| | |
|-----------------------------------|---------|
| | (\$000) |
| A. AIR POLLUTION | 0 |
| B. WATER POLLUTION | 0 |
| C. OCCUPATIONAL SAFETY AND HEALTH | 0 |

| | | | | | | |
|---|--|--|-------------------------------|-----------------------------|--|--------------|
| 1.COMONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2.DATE 10 FEB 2011 | |
| 3.INSTALLATION AND LOCATION Camp Carroll Korea (Area IV) | | | | 4.PROJECT TITLE Barracks | | |
| 5.PROGRAM ELEMENT 22096A | | 6.CATEGORY CODE 721 | 7.PROJECT NUMBER 72650 | | 8.PROJECT COST (\$000) Auth 41,000 Approp 41,000 | |
| 9.COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 30,412 |
| Barracks | | m2 (SF) | 10,995 (118,348) | | 2,049 | (22,524) |
| Special Foundation | | LS | -- | | -- | (1,081) |
| Vehicle Maintenance Shop | | m2 (SF) | 1,689 (18,177) | | 2,524 | (4,263) |
| Oil Storage Building | | m2 (SF) | 35 (376.74) | | 1,241 | (43) |
| Bulk Storage Building | | m2 (SF) | 95 (1,023) | | 1,116 | (106) |
| Total from Continuation page | | | | | | (2,395) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 5,809 |
| Electric Service | | LS | -- | | -- | (958) |
| Water, Sewer, Gas | | LS | -- | | -- | (661) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (463) |
| Storm Drainage | | LS | -- | | -- | (919) |
| Site Imp(1,640) Demo(363) | | LS | -- | | -- | (2,003) |
| Information Systems | | LS | -- | | -- | (166) |
| Antiterrorism Measures | | LS | -- | | -- | (114) |
| Fuel Oil Storage Tanks | | LS | -- | | -- | (525) |
| ESTIMATED CONTRACT COST | | | | | | 36,221 |
| CONTINGENCY (5.00%) | | | | | | 1,811 |
| SUBTOTAL | | | | | | 38,032 |
| SUPV, INSP & OVERHEAD (6.50%) | | | | | | 2,472 |
| TOTAL REQUEST | | | | | | 40,504 |
| TOTAL REQUEST (ROUNDED) | | | | | | 41,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10.Description of Proposed Construction Construct a standard barracks. Primary facilities include one 302 person eight-story building with elevators, a vehicle maintenance facility, a bulk storage building, an oil storage building, and organizational vehicle parking with hardstand for vehicle maintenance shop. Special foundations, building information systems, fire protection & alarm, connection to Energy Monitoring and Control System (EMCS), and installation of Intrusion Detection System (IDS) for the vehicle maintenance shop are required. Anti-Terrorism/Force Protection (AT/FP) will be provided as appropriate, including mass notification system and site measures. Comprehensive building and furnishings related interior design services are required. Access for persons with disabilities will be provided. Heating, ventilation and air conditioning will be provided using a dual fuel system. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Vehicle Maintenance Shop is required due to barracks displacing an existing Company Motor Pool. Supporting facilities include underground utilities and connections; security lighting; parking; paving, walks, curbs and gutters; fencing and gates; site improvements; storm drainage; information systems; fire protection, site improvements, signage, oil/water separators, waste fluid recycling and hazardous material storage, and a fuel storage tank. Demolish 12 buildings | | | | | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Camp Carroll, Korea (Area IV)

| | |
|----------------------------------|--------------------------------|
| 4. PROJECT TITLE Barracks | 5. PROJECT NUMBER 72650 |
|----------------------------------|--------------------------------|

9. COST ESTIMATES (CONTINUED)

| Item | UM (M/E) | QUANTITY | Unit COST | Cost (\$000) |
|-------------------------------------|----------|-------------------|-----------|--------------|
| <u>PRIMARY FACILITY (CONTINUED)</u> | | | | |
| Organizational Vehicle Parking | m2 (SF) | 12,499 (134,538) | 90.75 | (1,134) |
| IDS Installation | LS | -- | -- | (20) |
| SDD and EPAct05 | LS | -- | -- | (536) |
| Antiterrorism Measures | LS | -- | -- | (338) |
| Building Information Systems | LS | -- | -- | (367) |
| | | | Total | 2,395 |

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

(TOTAL 3,714 m2/39,977 SF). Air Conditioning (Estimated 528 kW/150 Tons).

11. REQ: 1,441 PN ADQT: 1,084 PN SUBSTD: 569 PN

PROJECT: Construct a standard barracks at Camp Carroll, Korea. (Current Mission)

REQUIREMENT: This project is required to provide barracks that comply with the current Department of the Army standards for space, security, storage, and privacy for Soldiers stationed at Camp Carroll, KO. Maximum barracks utilization for this project is 302 spaces. The intended use is for 212 junior enlisted Soldiers and 45 junior noncommissioned officers.

CURRENT SITUATION: There is insufficient Unaccompanied Enlisted Personnel Housing on U.S. Army Garrison-Daegu and Camp Carroll capable of meeting requirements of the units stationed at USAG-Daegu. There are no existing facilities that can be upgraded or expanded to meet the requirements of these living quarters. The construction of this barracks displaces an existing Company motor pool.

IMPACT IF NOT PROVIDED: If this project is not provided unaccompanied Soldiers serving in Korea will continue to reside in inadequate barracks, adversely impacting Soldier readiness, well-being, morale, and retention.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders. This project is located on an installation which

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|----------------------------|------------------------------|-----------------|--|--------------|----------------------------|-----------------|-------------------------------|-----------------|--|------------|---|--|---|--------------|---------------------------------|--------------|----------------------------|--------------|-------------------|--------------|-------------------|--------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 | | | | | | | | | | | | | | | | | | | | | | |
| 3. INSTALLATION AND LOCATION Camp Carroll, Korea (Area IV) | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. PROJECT TITLE Barracks | 5. PROJECT NUMBER 72650 | | | | | | | | | | | | | | | | | | | | | | | |
| <p>ADDITIONAL: (CONTINUED)</p> <p>will be retained by Eighth United States Army for the foreseeable future. The possibility of Host Nation funding has been addressed but sufficient funds from the Host Nation programs are not available to support this requirement.</p> <p>During the past two years, \$4,170,106 has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Camp Carroll, KO. Upon completion of this multi-phased project and other projects approved through FY 2012, the remaining unaccompanied enlisted permanent party deficit is 0 personnel at this installation.</p> | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>12. SUPPLEMENTAL DATA:</p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr><td>(a) Date Design Started.....</td><td><u>AUG 2010</u></td></tr> <tr><td>(b) Percent Complete As Of January 2011.....</td><td><u>15.00</u></td></tr> <tr><td>(c) Date 35% Designed.....</td><td><u>MAR 2011</u></td></tr> <tr><td>(d) Date Design Complete.....</td><td><u>OCT 2011</u></td></tr> <tr><td>(e) Parametric Cost Estimating Used to Develop Costs</td><td><u>YES</u></td></tr> <tr><td>(f) Type of Design Contract: Design-bid-build</td><td></td></tr> </table> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design: YES</p> <p>(b) Where Most Recently Used: Camp Humphreys</p> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table border="0"> <tr><td>(a) Production of Plans and Specifications.....</td><td><u>1,152</u></td></tr> <tr><td>(b) All Other Design Costs.....</td><td><u>2,304</u></td></tr> <tr><td>(c) Total Design Cost.....</td><td><u>3,456</u></td></tr> <tr><td>(d) Contract.....</td><td><u>2,304</u></td></tr> <tr><td>(e) In-house.....</td><td><u>1,152</u></td></tr> </table> <p>(4) Construction Contract Award..... <u>JAN 2012</u></p> <p>(5) Construction Start..... <u>APR 2012</u></p> <p>(6) Construction Completion..... <u>APR 2014</u></p> | | | (a) Date Design Started..... | <u>AUG 2010</u> | (b) Percent Complete As Of January 2011..... | <u>15.00</u> | (c) Date 35% Designed..... | <u>MAR 2011</u> | (d) Date Design Complete..... | <u>OCT 2011</u> | (e) Parametric Cost Estimating Used to Develop Costs | <u>YES</u> | (f) Type of Design Contract: Design-bid-build | | (a) Production of Plans and Specifications..... | <u>1,152</u> | (b) All Other Design Costs..... | <u>2,304</u> | (c) Total Design Cost..... | <u>3,456</u> | (d) Contract..... | <u>2,304</u> | (e) In-house..... | <u>1,152</u> |
| (a) Date Design Started..... | <u>AUG 2010</u> | | | | | | | | | | | | | | | | | | | | | | | |
| (b) Percent Complete As Of January 2011..... | <u>15.00</u> | | | | | | | | | | | | | | | | | | | | | | | |
| (c) Date 35% Designed..... | <u>MAR 2011</u> | | | | | | | | | | | | | | | | | | | | | | | |
| (d) Date Design Complete..... | <u>OCT 2011</u> | | | | | | | | | | | | | | | | | | | | | | | |
| (e) Parametric Cost Estimating Used to Develop Costs | <u>YES</u> | | | | | | | | | | | | | | | | | | | | | | | |
| (f) Type of Design Contract: Design-bid-build | | | | | | | | | | | | | | | | | | | | | | | | |
| (a) Production of Plans and Specifications..... | <u>1,152</u> | | | | | | | | | | | | | | | | | | | | | | | |
| (b) All Other Design Costs..... | <u>2,304</u> | | | | | | | | | | | | | | | | | | | | | | | |
| (c) Total Design Cost..... | <u>3,456</u> | | | | | | | | | | | | | | | | | | | | | | | |
| (d) Contract..... | <u>2,304</u> | | | | | | | | | | | | | | | | | | | | | | | |
| (e) In-house..... | <u>1,152</u> | | | | | | | | | | | | | | | | | | | | | | | |

| | | |
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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Camp Carroll, Korea (Area IV)

| | |
|----------------------------------|--------------------------------|
| 4. PROJECT TITLE Barracks | 5. PROJECT NUMBER 72650 |
|----------------------------------|--------------------------------|

12. SUPPLEMENTAL DATA: (CONTINUED)

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-----------------------------------|------------------------------------|--|-------------------------|
| | NA | | |

Installation Engineer: James Hamilton
Phone Number: 011-82-0505-768-8467

| | | | | | | |
|---|--|--|----------------------------|--------------------------------------|---|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Camp Henry Korea (Area IV) | | | | 4. PROJECT TITLE Barracks Complex | | |
| 5. PROGRAM ELEMENT 22096A | | 6. CATEGORY CODE 721 | 7. PROJECT NUMBER 76235 | | 8. PROJECT COST (\$000) Auth 48,000 Approp 48,000 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 35,592 |
| Barracks | | m2 (SF) | 10,849 (116,782) | | 2,083 | (22,602) |
| Dining Facility | | m2 (SF) | 2,487 (26,766) | | 3,931 | (9,776) |
| Special Foundation | | LS | -- | | -- | (1,844) |
| SDD and EPAct05 | | LS | -- | | -- | (648) |
| Antiterrorism Measures | | LS | -- | | -- | (335) |
| Building Information Systems | | LS | -- | | -- | (387) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 6,892 |
| Electric Service | | LS | -- | | -- | (1,242) |
| Water, Sewer, Gas | | LS | -- | | -- | (977) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (852) |
| Storm Drainage | | LS | -- | | -- | (475) |
| Site Imp(2,132) Demo(404) | | LS | -- | | -- | (2,536) |
| Information Systems | | LS | -- | | -- | (150) |
| Antiterrorism Measures | | LS | -- | | -- | (137) |
| Fuel Oil Storage Tanks | | LS | -- | | -- | (523) |
| ESTIMATED CONTRACT COST | | | | | | 42,484 |
| CONTINGENCY (5.00%) | | | | | | 2,124 |
| SUBTOTAL | | | | | | 44,608 |
| SUPV, INSP & OVERHEAD (6.50%) | | | | | | 2,900 |
| TOTAL REQUEST | | | | | | 47,508 |
| TOTAL REQUEST (ROUNDED) | | | | | | 48,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | () |
| 10. Description of Proposed Construction Construct a 298 PN standard barracks and Dining Facility (DFAC). Special foundations, building information systems, fire protection and alarm, and Energy Monitoring and Control System (EMCS) connections are required. Anti-Terrorism/Force Protection (AT/FP) will be provided as appropriate, including a mass notification system and site measures. Comprehensive building and furnishings related interior design services are required. Heating, ventilation and air conditioning will be provided using dual fuel system. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Access for individuals with disabilities will be provided. Supporting facilities include utilities and connections; security lighting; parking; paving, grading, walks, curbs and gutters; fencing & gates; bike racks; storm drainage; information systems; fire protection, site improvements, signage, and a fuel storage tank. Demolish 8 buildings (TOTAL 4,144 m2/44,606 SF). Air Conditioning (Estimated 703 kW _r /200 Tons). | | | | | | |
| 11. REQ: | | 936 PN ADQT: | | 563 PN SUBSTD: | | 648 PN |
| PROJECT: Construct a standard barracks complex at Camp Henry, Korea. (Current Mission) | | | | | | |

| | | |
|--------------------------|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|--------------------------|--|----------------------------|

3. INSTALLATION AND LOCATION

Camp Henry, Korea (Area IV)

| | |
|--|--------------------------------|
| 4. PROJECT TITLE Barracks Complex | 5. PROJECT NUMBER 76235 |
|--|--------------------------------|

REQUIREMENT: This project is required to provide barracks that comply with the current standards for space, security, storage, and privacy for Soldiers stationed at Camp Henry, KO. Maximum barracks utilization for this project is 298 spaces. The intended use is for 208 junior enlisted Soldiers and 45 junior noncommissioned officers.

CURRENT SITUATION: There are insufficient barracks on U.S. Army Garrison-Daegu capable of meeting requirements and current standards of the units stationed at USAG-Daegu. There are no existing facilities that can be upgraded or expanded to meet the requirements of these living quarters.

IMPACT IF NOT PROVIDED: If this project is not provided, unaccompanied Soldiers serving in Korea will continue to reside in inadequate barracks adversely impacting Soldier readiness, well-being, morale, and retention.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders. This project is located on an installation which will be retained by Eighth United States Army for the foreseeable future. The possibility of Host Nation funding has been addressed but sufficient funds from the Host Nation programs are not available to support this requirement.

During the past two years, \$5,426,446 has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Camp Henry, KO. Upon completion of this multi-phased project and other projects approved through FY 2012, the remaining unaccompanied enlisted permanent party deficit is 0 personnel at this installation.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... AUG 2010
- (b) Percent Complete As Of January 2011..... 15.00
- (c) Date 35% Designed..... MAR 2011
- (d) Date Design Complete..... OCT 2011
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be

| | | |
|----------------------|--|------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
|----------------------|--|------------------------|

3. INSTALLATION AND LOCATION
Camp Henry, Korea (Area IV)

| | |
|--------------------------------------|----------------------------|
| 4. PROJECT TITLE Barracks Complex | 5. PROJECT NUMBER 76235 |
|--------------------------------------|----------------------------|

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

documented during the final design.

(2) Basis:

(a) Standard or Definitive Design: NO

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

(\$000)

| | |
|---|-------|
| (a) Production of Plans and Specifications..... | 1,354 |
| (b) All Other Design Costs..... | 2,707 |
| (c) Total Design Cost..... | 4,061 |
| (d) Contract..... | 2,707 |
| (e) In-house..... | 1,354 |

(4) Construction Contract Award..... JAN 2012

(5) Construction Start..... APR 2012

(6) Construction Completion..... APR 2014

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

| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> |
|-------------------------------|--------------------------------|--|---------------------|
|-------------------------------|--------------------------------|--|---------------------|

NA

Installation Engineer: James Hamilton

Phone Number: 011-82-0505-768-8467

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DEPARTMENT OF THE ARMY
 FISCAL YEAR 2012
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

| STATE | INSTALLATION (COMMAND) | AUTHORIZATION | APPROPRIATION | |
|-------------------|--------------------------------------|---------------|---------------|-------|
| ----- PROJECT | ----- | REQUEST | REQUEST | PAGE |
| NUMBER | PROJECT TITLE | ----- | ----- | ----- |
| ----- | ----- | ----- | ----- | ----- |
| Worldwide Various | Planning and Design (PLNGDES) | | | |
| | Planning and Design Host Nation | | | |
| 66743 | Host Nation Support | 0 | 25,500 | 499 |
| 66745 | Planning & Design | 0 | 229,741 | 501 |
| | | ----- | ----- | |
| | Subtotal Planning and Design Part I | \$ 0 | 255,241 | |
| | Minor Construction (MINOR) | | | |
| 66747 | Minor Construction | 0 | 20,000 | 503 |
| | | ----- | ----- | |
| | Subtotal Minor Construction Part I | \$ 0 | 20,000 | |
| | * TOTAL MCA FOR Worldwide Various | \$ 0 | 275,241 | |
| | ** TOTAL WORLDWIDE FOR MCA | \$ 0 | 275,241 | |
| | MILITARY CONSTRUCTION (Part I) TOTAL | \$ 2,960,750 | 3,235,991 | |

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|--|--|--|-------------------------------|--|--|--------------|
| 1.COMONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2.DATE 10 FEB 2011 | |
| 3.INSTALLATION AND LOCATION Planning and Design Host Nation Worldwide Various (Planning and Design) | | | | 4.PROJECT TITLE Host Nation Support | | |
| 5.PROGRAM ELEMENT 91211A | | 6.CATEGORY CODE 000 | 7.PROJECT NUMBER 66743 | | 8.PROJECT COST (\$000) Auth Approp 25,500 | |
| 9.COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 25,500 |
| Planning & Design - Host Nation | | LS | -- | | -- | (25,500) |
| <u>SUPPORTING FACILITIES</u> | | | | | | |
| ESTIMATED CONTRACT COST | | | | | | 25,500 |
| CONTINGENCY (.00 %) | | | | | | 0 |
| SUBTOTAL | | | | | | 25,500 |
| SUPV, INSP & OVERHEAD (.00 %) | | | | | | 0 |
| TOTAL REQUEST | | | | | | 25,500 |
| TOTAL REQUEST (ROUNDED) | | | | | | 25,500 |
| INSTALLED EQT-OTHER APPROP | | | | | | (0) |
| 10.Description of Proposed Construction This item provides for criteria development, and design and construction surveillance for projects funded by foreign nations where US Forces are the sole or primary user. | | | | | | |
| 11. REQ: NA ADQT: NA SUBSTD: NA | | | | | | |
| PROJECT: Planning and design funds. | | | | | | |
| REQUIREMENT: This funding is required to represent US interests during the planning, design, and construction of projects funded by foreign governments, when US Forces are sole or primary users. The Host Nation Support funds are required to assure that the facilities provided conform to the Services' operation and mission needs, and to US life safety criteria. The Army is the executive agent for the Department of Defense for Host Nation Construction in the Pacific. The programs provide nearly all the new construction in Japan, and much of the new construction in Korea. Host Nation Support funds are also used to oversee projects in Europe and NATO funds recoupment. The US Army Corps of Engineers is responsible for providing the criteria, reviewing designs, and monitoring the construction. The three parts of the Host Nation Support effort are: Criteria Package Preparation (defines the functional requirements and specifies the health, fire, operational, functional, and life safety needs); Design Surveillance (ensures compliance with criteria packages, | | | | | | |

| | | |
|--|--|---------------------------|
| 1.COMONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE 10 FEB 2011 |
| 3.INSTALLATION AND LOCATION Planning and Design Host Nation, Worldwide Various (Planning and Design) | | |
| 4.PROJECT TITLE Host Nation Support | 5.PROJECT NUMBER 66743 | |
| <p>REQUIREMENT: (CONTINUED)</p> <p>efficient operation and maintenance, and life safety, fire protection, and environmental compliance); Construction Surveillance (ensures conformance to design documents, reviews submittals, monitors construction phasing for users, and protects against latent deficiencies).</p> | | |

| | | | | | | |
|--|--|--|----------------------------|---------------------------------------|--|----------------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Planning and Design Worldwide Various | | | | 4. PROJECT TITLE Planning & Design | | |
| 5. PROGRAM ELEMENT 91211A | | 6. CATEGORY CODE 000 | 7. PROJECT NUMBER 66745 | | 8. PROJECT COST (\$000) Auth Approp 229,741 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| PRIMARY FACILITY Planning & Design | | LS | -- | | -- | 229,741 (229,741) |
| SUPPORTING FACILITIES | | | | | | |
| ESTIMATED CONTRACT COST | | | | | | 229,741 |
| CONTINGENCY (.00 %) | | | | | | 0 |
| SUBTOTAL | | | | | | 229,741 |
| SUPV, INSP & OVERHEAD (.00 %) | | | | | | 0 |
| TOTAL REQUEST | | | | | | 229,741 |
| TOTAL REQUEST (ROUNDED) | | | | | | 229,741 |
| INSTALLED EQT-OTHER APPROP | | | | | | (0) |
| 10. Description of Proposed Construction This item provides for: parametric, concept, and final design of major and unspecified minor construction projects; value engineering; and the development of standards and criteria for Army facilities in conjunction with the Navy and Air Force. | | | | | | |
| 11. REQ: NA ADQT: NA SUBSTD: NA | | | | | | |
| PROJECT: Planning and design funds. | | | | | | |
| REQUIREMENT: This funding is required to provide design and engineering services for regular Military Construction, Army (MCA) and Unspecified Minor projects, including value engineering, and continued development of design criteria and standard designs (conventional functional layouts). This account is dissimilar to any other line item in the Army's MCA budget in that it is reflective of an operations expense, versus a defined scope of a single construction project. Funds will be used by the US Army Corps of Engineers (USACE) districts for in-house designs, Architect-Engineer (A-E) contracts, and administrative support functions. These funds are required for accomplishment of final correction, review, reproduction and advertisement of projects in the FY 2012 program; for advancement to final design of projects in FY 2013 and for initiation of design of projects in FY 2014. The funds request for the annual planning and design requirement includes value | | | | | | |

| | | |
|---|--|----------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 10 FEB 2011 |
| 3. INSTALLATION AND LOCATION Planning and Design, Worldwide Various | | |
| 4. PROJECT TITLE Planning & Design | 5. PROJECT NUMBER 66745 | |
| <p>REQUIREMENT: (CONTINUED)</p> <p>engineering, the costs to update standards and criteria, guide specifications, technical manuals, and the cost to continue the Department of the Army (DA) Facility Standardization Program.</p> | | |

| | | | | | | |
|---|--|--|----------------------------|--|---|--------------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 10 FEB 2011 | |
| 3. INSTALLATION AND LOCATION Minor Construction Worldwide Various | | | | 4. PROJECT TITLE Minor Construction | | |
| 5. PROGRAM ELEMENT 91211A | | 6. CATEGORY CODE 962 | 7. PROJECT NUMBER 66747 | | 8. PROJECT COST (\$000) Auth Approp 20,000 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> Minor Construction Facilities | | LS | -- | | -- | 20,000 (20,000) |
| <u>SUPPORTING FACILITIES</u> | | | | | | |
| ESTIMATED CONTRACT COST | | | | | | 20,000 |
| CONTINGENCY (.00 %) | | | | | | 0 |
| SUBTOTAL | | | | | | 20,000 |
| SUPV, INSP & OVERHEAD (.00 %) | | | | | | 0 |
| TOTAL REQUEST | | | | | | 20,000 |
| TOTAL REQUEST (ROUNDED) | | | | | | 20,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | (0) |
| 10. Description of Proposed Construction Unspecified minor construction projects which have a funded cost of \$2,000,000 or less, including construction, alteration, or conversion of permanent or temporary facilities as authorized under Title 10 USC 2805. The funded cost limit is \$3,000,000 if the project is intended solely to correct a deficiency that is life threatening, health threatening, or safety threatening. | | | | | | |
| 11. REQ: | | NA | ADQT: | | NA | SUBSTD: NA |
| PROJECT: Minor military construction, worldwide. | | | | | | |
| REQUIREMENT: This line item is needed to provide for unspecified projects for which the need cannot reasonably be foreseen nor justified in time to be included in this Military Construction, Army program. | | | | | | |
| CURRENT SITUATION: These urgent unforeseen projects address high national priorities such as critical mission requirements, environmental protection, health, and safety. These projects can not wait until the next annual budget submission. | | | | | | |
| IMPACT IF NOT PROVIDED: If not provided, the Army will not be able to address urgent and unforeseen requirements that arise during the year. | | | | | | |

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Department of the Army Fiscal Year (FY) 2012 Budget Submission

Army Family Housing & Homeowners Assistance

**Justification Data Submitted to Congress
February 2011**

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DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 BUDGET ESTIMATE
Army Family Housing
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DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 BUDGET ESTIMATE
Army Family Housing

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DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
SUMMARY
(\$ in Thousands)

| | |
|---|-----------|
| FY 2012 Budget Request | \$681,755 |
| FY 2011 President's Budget Request | \$610,509 |
| FY 2011 Annualized Continuing Resolution (CR) Adjustments | \$186,145 |
| *Total FY 2011 PB Request with Annualized CR Adjustments | \$796,654 |

* Reflects the FY 2011 President's Budget request with an undistributed adjustment to match the Annualized Continuing Resolution funding level by appropriation.

PURPOSE AND SCOPE

The Army Family Housing (AFH) Budget Request supports the operation, maintenance, leasing, privatization and construction of military Family housing worldwide. The FY 2012 Budget Request funds the Department's goal of providing fully adequate Family housing units. It also supports the Secretary of Defense's commitment to improve military housing for our Soldiers and their Families.

MAJOR FACTORS

During the implementation of privatization in the late 1990's, Army used its original baseline of identified inadequate Family housing as a measure to determine progress in eliminating inadequate housing. All scheduled installations have now been privatized through the Residential Community Initiative (RCI) and the Army met its goal to eliminate those houses originally identified as inadequate.

The Office of the Secretary of Defense (OSD) directed the Army to use the Real Property Inventory condition assessment ratings as a basis for funding requirements beginning with FY 2012. This revised method, including transitional units, results in an increased number of Family housing units being reported as inadequate. The Army is striving to fund construction and major repair projects to continue to improve the quality of life for Soldiers and their Families.

Army Family Housing Construction: The FY 2012 request includes new construction of 128 Family housing units in support of existing housing requirements and improvements to existing Family housing units requiring major improvements or revitalization. These units are located at four installations that have been identified as enduring. Funding to acquire land in Brussels, Belgium, is also requested as the Army intends to build Family housing on this land through Army Family Housing Construction. Subsequently, the Army will terminate seven high cost leases currently in this area.

Army Family Housing Operations: Annual changes to the inventory, inflation, and currency adjustments drive program changes in most budget accounts. Programmatic adjustments are explained in each section.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
SUMMARY (Continued)

EFFECT OF PRIVATIZATION

The Army's last planned privatization project to bring Family housing to contemporary standards was turned over to private sector control in FY 2011. However, the Army must continue to support ongoing RCI operations.

PROGRAM SUMMARY

Authorization is requested for the performance of certain operation, maintenance, leasing, privatization, and construction of Army Family Housing in the amount of \$681,755,000 for:

Appropriation of \$681,755,000 is requested to fund:

- a. Family Housing Construction and
- b. Family Housing Operations already authorized in existing legislation.

REQUEST

A summary of the Fiscal Year 2012 AFH funding program follows:

| | <u>(\$ in Thousands)</u> | <u>(\$ in Thousands)</u> |
|--|--------------------------|--------------------------|
| CONSTRUCTION REQUEST | | \$186,897 |
| New Construction | 76,000 | |
| Post Acquisition Construction | 103,000 | |
| Planning and Design | 7,897 | |
| OPERATIONS AND MAINTENANCE REQUEST | | \$494,858 |
| Operations | 85,386 | |
| Maintenance of Real Property | 105,668 | |
| Utilities | <u>73,637</u> | |
| Subtotal Government Owned | 264,691 | |
| Leasing | 204,426 | |
| Privatization | 25,741 | |
| TOTAL FAMILY HOUSING APPROPRIATION REQUEST | | \$681,755 |
| REIMBURSABLE PROGRAM | | \$18,000 |
| TOTAL FAMILY HOUSING PROGRAM | | \$699,755 |

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2012
 ARMY FAMILY HOUSING
 NEW CONSTRUCTION (Part IIA)
 (DOLLARS ARE IN THOUSANDS)
 OUTSIDE THE UNITED STATES

| STATE | INSTALLATION (COMMAND) | | AUTHORIZATION | APPROPRIATION |
|---------|--|----|---------------|---------------|
| ----- | ----- | | REQUEST | REQUEST |
| PROJECT | PROJECT TITLE | | ----- | ----- |
| NUMBER | ----- | | ----- | ----- |
| ----- | ----- | | ----- | ----- |
| Belgium | Belgium Various (IMCOM) | | | |
| | Brussels | | | |
| 78328 | Land Purchase for GFOQ | | 10,000 | 10,000 |
| | | | ----- | ----- |
| | SUBTOTAL Belgium Various Part IIA | \$ | 10,000 | 10,000 |
| | * TOTAL AFH FOR Belgium | \$ | 10,000 | 10,000 |
| Germany | Germany Various (IMCOM) | | | |
| | Grafenwoehr | | | |
| 78505 | Family Housing New Construction | | 13,000 | 13,000 |
| | South Camp Vilseck | | | |
| 78506 | Family Housing New Construction | | 12,000 | 12,000 |
| | Storck Barracks | | | |
| 79074 | Family Housing Replacement Construction | | 41,000 | 41,000 |
| | | | ----- | ----- |
| | SUBTOTAL Germany Various Part IIA | \$ | 66,000 | 66,000 |
| | * TOTAL AFH FOR Germany | \$ | 66,000 | 66,000 |
| | ** TOTAL OUTSIDE THE UNITED STATES FOR AFH | \$ | 76,000 | 76,000 |
| | MILITARY CONSTRUCTION (Part IIA) TOTAL | \$ | 76,000 | 76,000 |

February 2011

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing

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DEPARTMENT OF THE ARMY
 FISCAL YEAR 2012
 ARMY FAMILY HOUSING
 POST ACQUISITION (Part IIB)
 (DOLLARS ARE IN THOUSANDS)
 OUTSIDE THE UNITED STATES

| STATE | INSTALLATION (COMMAND) | AUTHORIZATION | APPROPRIATION |
|---------|--|---------------|---------------|
| ----- | ----- | REQUEST | REQUEST |
| PROJECT | PROJECT TITLE | ----- | ----- |
| NUMBER | ----- | ----- | ----- |
| ----- | ----- | ----- | ----- |
| Germany | Germany Various (IMCOM) | | |
| | Baumholder Fam Hsg | | |
| 78475 | Family Housing Improvements | 22,000 | 22,000 |
| | Storck Barracks | | |
| 78841 | Family Housing Improvements | 41,000 | 41,000 |
| 79097 | Family Housing Improvements | 40,000 | 40,000 |
| | | ----- | ----- |
| | SUBTOTAL Germany Various Part IIB | \$ 103,000 | 103,000 |
| | * TOTAL AFH FOR Germany | \$ 103,000 | 103,000 |
| | ** TOTAL OUTSIDE THE UNITED STATES FOR AFH | \$ 103,000 | 103,000 |

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2012
 ARMY FAMILY HOUSING
 POST ACQUISITION (Part IIB)
 (DOLLARS ARE IN THOUSANDS)
 WORLDWIDE

| STATE | INSTALLATION (COMMAND) | | |
|-------------------|--|---------------|---------------|
| ----- | ----- | AUTHORIZATION | APPROPRIATION |
| PROJECT | PROJECT TITLE | REQUEST | REQUEST |
| NUMBER | ----- | ----- | ----- |
| ----- | ----- | ----- | ----- |
| Worldwide Various | Planning and Design (PLNGDES) | | |
| 66727 | Family Housing P&D | 7,897 | 7,897 |
| | | ----- | ----- |
| | SUBTOTAL Planning and Design Part IIB | \$ 7,897 | 7,897 |
| | * TOTAL AFH FOR Worldwide Various | \$ 7,897 | 7,897 |
| | ** TOTAL WORLDWIDE FOR AFH | \$ 7,897 | 7,897 |
| | MILITARY CONSTRUCTION (Part IIB) TOTAL | \$ 110,897 | 110,897 |

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
PERFORMANCE METRICS

The FY 2012 Budget Estimate funds the construction of 80 units to replace inadequate units at US Army Garrison (USAG) Illesheim and improve 276 inadequate units at USAGs Illesheim and Baumholder, GE. Exhibits FH-8 and FH-11, which follow, outline the condition of the Army Family housing identified below.

Adequate Family Housing Inventory*

FY 2010, Beginning of Year:

Government Owned Inventory: 13,060 units
Total Adequate (Q1, Q2): 10,098 units
Total Inadequate (Q3, Q4): 2,962 units
Percent Adequate: 77%

FY 2011, Beginning of Year:

Government Owned Inventory: 10,805 units
Total Adequate (Q1, Q2): 8,524 units
Total Inadequate (Q3, Q4): 2,281 units
Percent Adequate: 79%

FY 2012, Beginning of Year:

Government Owned Inventory: 10,962 units
Total Adequate (Q1, Q2): 9,276 units
Total Inadequate (Q3, Q4): 1,686 units
Percent Adequate: 85%

*Performance measures shown here, and in Exhibits FH-8 and FH-11, exclude privatized units and Government-owned units at non-enduring sites (i.e., transitional units) that are included in Exhibit FH-2.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing

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DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing

FH-11 Inventory and Condition of Government-Owned, Family Housing Units - Worldwide
(Number of dwelling units in inventory)

| | FY2010 | FY2011 | FY2012 | FY2013 | FY2014 | FY2015 | FY2016 |
|--|----------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Beginning of FY Adequate Inventory Total* | 10,098 | 8,524 | 9,276 | 9,888 | 9,860 | 10,111 | 10,096 |
| Q1 - 90% to 100% | 8,281 | 6,683 | 7,063 | 7,541 | 7,541 | 7,801 | 7,808 |
| Q2 - 80% to 89% | 1,817 | 1,841 | 2,213 | 2,347 | 2,319 | 2,310 | 2,288 |
| Beginning of FY Inadequate Inventory Total* | 2,962 | 2,281 | 1,686 | 1,127 | 980 | 741 | 606 |
| Q3 - 60% to 79% | 2,240 | 1,601 | 1,193 | 918 | 771 | 668 | 602 |
| Q4 - 59% and below | 722 | 680 | 493 | 209 | 209 | 73 | 4 |
| Beginning of FY Total Inventory | 13,060 | 10,805 | 10,962 | 11,015 | 10,840 | 10,852 | 10,702 |
| | | | | | | | |
| Percent Adequate - Beginning of FY Inventory | 77% | 79% | 85% | 90% | 91% | 93% | 94% |
| | | | | | | | |
| Inadequate Inventory Reduced Through: | 681 | 595 | 559 | 147 | 239 | 135 | - |
| Construction (Milcon) | - | 22 | - | - | 80 | - | - |
| Maintenance & Repair (O&M) | 140 | 372 | 134 | 10 | 93 | 60 | - |
| Privatization | 6 | - | - | - | - | - | - |
| Demolition/Divestiture/Diversion/Conversion Funded by Host Nation | 535 | 201 | 425 | 137 | 66 | 75 | - |
| | - | - | - | - | - | - | - |
| | | | | | | | |
| Adequate Inventory Changes: | (1,574) | 752 | 612 | (28) | 251 | (15) | (61) |
| Privatization | (1,002) | - | - | - | - | - | - |
| Maintenance & Repair (O&M) | 140 | 372 | 134 | 10 | 93 | 60 | - |
| Demolition/Divestiture/Diversion/Conversion | (712) | - | - | (38) | (102) | (82) | (61) |
| New units | - | 380 | 478 | - | 260 | 7 | - |
| | | | | | | | |
| End of FY Adequate Inventory Total* | 8,524 | 9,276 | 9,888 | 9,860 | 10,111 | 10,096 | 10,035 |
| Q1 - 90% to 100% | 6,683 | 7,063 | 7,541 | 7,541 | 7,801 | 7,808 | 7,808 |
| Q2 - 80% to 89% | 1,841 | 2,213 | 2,347 | 2,319 | 2,310 | 2,288 | 2,227 |
| End of FY Inadequate Inventory Total* | 2,281 | 1,686 | 1,127 | 980 | 741 | 606 | 606 |
| Q3 - 60% to 79% | 1,601 | 1,193 | 918 | 771 | 668 | 602 | 602 |
| Q4 - 59% and below | 680 | 493 | 209 | 209 | 73 | 4 | 4 |
| End of FY Total Inventory | 10,805 | 10,962 | 11,015 | 10,840 | 10,852 | 10,702 | 10,641 |
| | | | | | | | |
| Percent Adequate - End of FY Inventory | 79% | 85% | 90% | 91% | 93% | 94% | 94% |
| FY 2012 Performance Goal - % of Adequate Units | | 75% | 90% | 90% | 90% | 90% | 90% |

* All inventories and transactions shown here exclude transitional units; in FY10, there were 6,234 transitional units.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing

FH-11 Inventory and Condition of Government-Owned, Family Housing Units - U.S. (incl. Alaska and Hawaii)
 (Number of dwelling units in inventory)

| | FY2010 | FY2011 | FY2012 | FY2013 | FY2014 | FY2015 | FY2016 |
|---|----------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Beginning of FY Adequate Inventory Total* | 2,057 | 383 | 636 | 778 | 788 | 806 | 806 |
| Q1 - 90% to 100% | 1,781 | 183 | 244 | 252 | 252 | 270 | 270 |
| Q2 - 80% to 89% | 276 | 200 | 392 | 526 | 536 | 536 | 536 |
| Beginning of FY Inadequate Inventory Total* | 1,012 | 526 | 292 | 123 | 104 | 102 | 102 |
| Q3 - 60% to 79% | 1,005 | 519 | 292 | 123 | 104 | 102 | 102 |
| Q4 - 59% and below | 7 | 7 | - | - | - | - | - |
| Beginning of FY Total Inventory | 3,069 | 909 | 928 | 901 | 892 | 908 | 908 |
| | | | | | | | |
| Percent Adequate - Beginning of FY Inventory | 67% | 42% | 69% | 86% | 88% | 89% | 89% |
| | | | | | | | |
| Inadequate Inventory Reduced Through: | 486 | 234 | 169 | 19 | 2 | - | - |
| Construction (Milcon) | - | 22 | - | - | - | - | - |
| Maintenance & Repair (O&M) | 40 | 192 | 134 | 10 | - | - | - |
| Privatization | 6 | - | - | - | - | - | - |
| Demolition/Divestiture/Conversion/Transfer | 440 | 20 | 35 | 9 | 2 | - | - |
| Funded by Host Nation | - | - | - | - | - | - | - |
| | | | | | | | |
| Adequate Inventory Changes: | (1,674) | 253 | 142 | 10 | 18 | - | - |
| Privatization | (1,002) | - | - | - | - | - | - |
| Maintenance & Repair (O&M) | 40 | 192 | 134 | 10 | - | - | - |
| Demolition/Divestiture/Conversion/Transfer | (712) | - | - | - | - | - | - |
| Construction Milcon New units | | 61 | 8 | - | 18 | - | - |
| | | | | | | | |
| End of FY Adequate Inventory Total* | 383 | 636 | 778 | 788 | 806 | 806 | 806 |
| Q1 - 90% to 100% | 183 | 244 | 252 | 252 | 270 | 270 | 270 |
| Q2 - 80% to 89% | 200 | 392 | 526 | 536 | 536 | 536 | 536 |
| End of FY Inadequate Inventory Total* | 526 | 292 | 123 | 104 | 102 | 102 | 102 |
| Q3 - 60% to 79% | 519 | 292 | 123 | 104 | 102 | 102 | 102 |
| Q4 - 59% and below | 7 | - | - | - | - | - | - |
| End of FY Total Inventory | 909 | 928 | 901 | 892 | 908 | 908 | 908 |
| | | | | | | | |
| Percent Adequate - End of FY Inventory | 42% | 69% | 86% | 88% | 89% | 89% | 89% |
| FY 2012 Performance Goal - % of Adequate Units | | 75% | n/a | n/a | n/a | n/a | n/a |

* All inventories and transactions shown here exclude transitional units; in FY10, there were 950 transitional units in the US.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing

FH-11 Inventory and Condition of Government-Owned, Family Housing Units - FOREIGN (incl. U.S. territories)
 (Number of dwelling units in inventory)

| | FY2010 | FY2011 | FY2012 | FY2013 | FY2014 | FY2015 | FY2016 |
|---|--------------|---------------|---------------|---------------|--------------|--------------|--------------|
| Beginning of FY Adequate Inventory Total* | 8,041 | 8,141 | 8,640 | 9,110 | 9,072 | 9,305 | 9,290 |
| Q1 - 90% to 100% | 6,500 | 6,500 | 6,819 | 7,289 | 7,289 | 7,531 | 7,538 |
| Q2 - 80% to 89% | 1,541 | 1,641 | 1,821 | 1,821 | 1,783 | 1,774 | 1,752 |
| Beginning of FY Inadequate Inventory Total* | 1,950 | 1,755 | 1,394 | 1,004 | 876 | 639 | 504 |
| Q3 - 60% to 79% | 1,235 | 1,082 | 901 | 795 | 667 | 566 | 500 |
| Q4 - 59% and below | 715 | 673 | 493 | 209 | 209 | 73 | 4 |
| Beginning of FY Total Inventory | 9,991 | 9,896 | 10,034 | 10,114 | 9,948 | 9,944 | 9,794 |
| | | | | | | | |
| Percent Adequate - Beginning of FY Inventory | 80% | 82% | 86% | 90% | 91% | 94% | 95% |
| | | | | | | | |
| Inadequate Inventory Reduced Through: | 195 | 361 | 390 | 128 | 237 | 135 | - |
| Construction (Milcon) | - | - | - | - | 80 | - | - |
| Maintenance & Repair (O&M) | 100 | 180 | - | - | 93 | 60 | - |
| Privatization | - | - | - | - | - | - | - |
| Demolition/Divestiture/Diversion/Conversion | 95 | 181 | 390 | 128 | 64 | 75 | - |
| Funded by Host Nation | - | - | - | - | - | - | - |
| | | | | | | | |
| Adequate Inventory Changes: | 100 | 499 | 470 | (38) | 233 | (15) | (61) |
| Privatization | - | - | - | - | - | - | - |
| Maintenance & Repair (O&M) | 100 | 180 | - | - | 93 | 60 | - |
| Demolition/Divestiture/Diversion/Conversion | - | - | - | (38) | (102) | (82) | (61) |
| Construction Milcon New units | - | 319 | 470 | - | 242 | 7 | - |
| | | | | | | | |
| End of FY Adequate Inventory Total* | 8,141 | 8,640 | 9,110 | 9,072 | 9,305 | 9,290 | 9,229 |
| Q1 - 90% to 100% | 6,500 | 6,819 | 7,289 | 7,289 | 7,531 | 7,538 | 7,538 |
| Q2 - 80% to 89% | 1,641 | 1,821 | 1,821 | 1,783 | 1,774 | 1,752 | 1,691 |
| End of FY Inadequate Inventory Total* | 1,755 | 1,394 | 1,004 | 876 | 639 | 504 | 504 |
| Q3 - 60% to 79% | 1,082 | 901 | 795 | 667 | 566 | 500 | 500 |
| Q4 - 59% and below | 673 | 493 | 209 | 209 | 73 | 4 | 4 |
| End of FY Total Inventory | 9,896 | 10,034 | 10,114 | 9,948 | 9,944 | 9,794 | 9,733 |
| | | | | | | | |
| Percent Adequate - End of FY Inventory | 82% | 86% | 90% | 91% | 94% | 95% | 95% |
| FY 2012 Performance Goal - % of Adequate Units | | 75% | n/a | n/a | n/a | n/a | n/a |

* All inventories and transactions shown here exclude transitional units; in FY10, there were 5,284 transitional in foreign areas.

DEPARTMENT OF ARMY
 Fiscal Year (FY) 2012 Budget Estimate
 Army Family Housing
 FH-8 Exhibit: Annual Inadequate Family Housing Elimination 2010

| | Total Inventory ¹ | Total Inadequate Inventory | Total Inadequate Addressed |
|--|---------------------------------|----------------------------------|----------------------------------|
| Total Units at beginning of FY2010 | 13,060 | 2,962 | - |
| FY2010 total traditional construction (Milcon) and O&M projects to eliminate inadequate units | | | - |
| * O/revite/Dugway Proving Grounds | 339 | 290 | 40 |
| * O/revite/ USAG Wiesbaden | 2,376 | 406 | 100 |
| FY2010 total units privatized | | | |
| * RCI/Aberdeen Proving Grounds | 1,008 | 6 | 6 |
| FY2010 total units transferred to US Air Force under joint basing | | | |
| * Joint Base Elmendorf Richardson / Fort Richardson | 1,152 | 440 | 440 |
| FY2010 total units demolished/ divested/ or otherwise permanently removed from Family housing inventory | | | |
| * Demolition/ Camp Zama | 985 | 407 | 95 |
| Total Units at end of FY2010 | 10,805 | 2,281 | 681 |

¹All inventories and transactions shown exclude transitional units

DEPARTMENT OF ARMY
 Fiscal Year (FY) 2012 Budget Estimate
 Army Family Housing
 FH-8 Exhibit: Annual Inadequate Family Housing Elimination 2011

| | Total Inventory¹ | Total Inadequate Inventory | Total Inadequate Addressed |
|--|--|---|---|
| Total Units at beginning of FY2011 | 10,805 | 2,281 | - |
| FY2011 total traditional construction (Milcon) and O&M projects to eliminate inadequate units | | | 394 |
| * Construction Dugway Proving Ground (replacement) | 339 | 250 | 20 |
| * Construction Ft Hunter-Liggett (replacement) | 84 | 2 | 2 |
| * O/revite/Dugway Proving Grounds | 339 | 230 | 131 |
| * O/revite/Joint Base Myer-Henderson Hall | 87 | 87 | 57 |
| * O/revite/Lake City Ammo Plant | 11 | 11 | 4 |
| * O/revite/USAG Ansbach/Illesheim | 423 | 411 | 180 |
| FY2011 total units demolished/ divested/ or otherwise permanently removed from Family housing inventory | | | 201 |
| * Divesture/ USAG Ansbach | 715 | 81 | 34 |
| * Reduction of units by 'right sizing' / USAG Ansbach | 715 | 47 | 11 |
| * Conversion/ USAG Ansbach / Illesheim | 423 | 231 | 94 |
| * Demolition/ Watervliet Arsenal | 16 | 13 | 13 |
| * Demolition/Pueblo Chemical Depot | 13 | 13 | 4 |
| * Demolition/ Soldier Systems Natick | 78 | 50 | 1 |
| * Demolition/ Tooele Army Depot | 5 | 5 | 2 |
| * Demolition/ USAG Wiesbaden | 2,376 | 306 | 42 |
| Total Units at end of FY2011 | 10,604 | 1,686 | 595 |

¹All inventories and transactions shown exclude transitional units

DEPARTMENT OF ARMY
 Fiscal Year (FY) 2012 Budget Estimate
 Army Family Housing
 FH-8 Exhibit: Annual Inadequate Family Housing Elimination 2012

| | Total Inventory ¹ | Total Inadequate Inventory | Total Inadequate Addressed |
|---|---------------------------------|----------------------------------|----------------------------------|
| Total Units at beginning of FY2012 | 10,604 | 1,686 | - |
| FY2012 total traditional construction (Milcon) and O&M projects to eliminate inadequate units | | | 134 |
| * O/revite/Dugway Proving Grounds | 325 | 99 | 74 |
| * O/revite/Joint Base Myer-Henderson Hall | 87 | 30 | 30 |
| * O/revite/Soldier Systems Natick | 78 | 49 | 30 |
| FY2012 total units demolished/ divested/ or otherwise permanently removed from Family housing inventory | | | 425 |
| * Demolition/Camp Zama | 890 | 312 | 89 |
| * Demolition/Dugway Proving Grounds | 325 | 25 | 25 |
| * Demolition/Pueblo Chemical Depot | 9 | 9 | 9 |
| * Demolition/ Tooele Army Depot | 3 | 3 | 1 |
| * Reduction of units by conversion / USAG Wiesbaden | 2,333 | 264 | 58 |
| * Return to Host Nation/USAG Wiesbaden | 2,334 | 206 | 206 |
| * Return to Host Nation/USAG Baumholder | 1,506 | 37 | 37 |
| Total Units at end of FY2012 | 10,179 | 1,127 | 559 |

¹All inventories and transactions shown exclude transitional units

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
AUTHORIZATION AND APPROPRIATION LANGUAGE

AUTHORIZATION LANGUAGE

SEC. 2102. FAMILY HOUSING

(a) CONSTRUCTION AND ACQUISITION. -- Using amounts appropriated pursuant to the authorization of appropriations in section 2104(a)(5)(A), the Secretary of the Army may construct or acquire Family housing units (including land acquisition) at the installations, for the purposes, and in the amounts set forth in the following table:

Army: Family Housing

| State | Installation | Purpose | Amount |
|---------|---------------------------------|--------------------------------|------------|
| Germany | USAG East Camp, Grafenwoehr | 26 units | 13,000,000 |
| | USAG South Camp, Vilseck | 22 units | 12,000,000 |
| | USAG Storck Barracks, Illesheim | 80 units | 41,000,000 |
| Belgium | Brussels | land acquisition (10 acres) | 10,000,000 |
| | Total | 128 units and 10 acres | 76,000,000 |

(b) PLANNING AND DESIGN. -- Using amounts appropriated pursuant to the authorization of appropriations in section 2104(a)(5)(A), the Secretary of the Army may carry out architectural and engineering services and construction design activities with respect to the construction or improvement of Family housing units in an amount not to exceed [\$2,040,000] \$7,897,000.

SEC. 2103. IMPROVEMENTS TO MILITARY FAMILY HOUSING UNITS.

Subject to Section 2825 of Title 10, United States Code and using amounts appropriated pursuant to the authorization of appropriations in Section 2104(a)(5)(A), the Secretary of the Army may improve existing military Family housing in an amount not to exceed [\$35,000,000] \$103,000,000.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
AUTHORIZATION AND APPROPRIATION LANGUAGE (Continued)

SEC. 2104. AUTHORIZATION OF APPROPRIATIONS, ARMY.

(a) IN GENERAL.

(5) For military Family housing functions:

(A) For construction and acquisition, planning and design, and improvements of military Family housing and facilities, [\$92,369,000] \$186,897,000.

(B) For support of military Family housing (including the functions described in Section 2833 of Title 10, United States Code), and notwithstanding other provisions of law, for support of military Family housing authorized in Subchapter II of Title 10, United States Code [\$ 518,140,000] \$494,858,000.

APPROPRIATION LANGUAGE

Family Housing Construction, Army

For expenses of Family housing for the Army for construction, including acquisition, replacement, addition, expansion, extension, and alteration, as authorized by law, [\$92,369,000] \$186,897,000 to remain available until September 30, 2016.

Family Housing Operation and Maintenance, Army

For expenses of Family housing for the Army for operation and maintenance, including debt payment, leasing, privatization, minor construction, and principal and interest charges, as authorized by law, [\$518,140,000] \$494,858,000.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
AUTHORIZATION AND APPROPRIATION LANGUAGE (Continued)

Items of Interest – MILCON Appropriations Committees

According to Title 10 USC Section 2831, and Public Law 111-117, Consolidated Appropriations Act, 2010, Division E, Military Construction and Veterans Affairs and Related Agencies Appropriations Act, 2010, Section 123, the Army provides the following reports:

General and Flag Officer Quarters, Maintenance and Repair over \$35K (See Tab, GFOQ M&R over \$35K);

General and Flag Officer Quarters, Anticipated Operations and Maintenance Expenditures Exceeding \$35K per Unit (See Tab, GFOQ O&M costs);

General and Flag Officer Quarters, 6000 Net Square Feet (NSF) Units (See Tab, GFOQ O&M costs);

General and Flag Officer Quarters, Annual Cost Report (Submitted separately);

Privatized GFOQ Private Sector Operation and Maintenance Expenditure Report (See Tab, GFOQ O&M costs).

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing

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DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
NEW CONSTRUCTION

(\$ in Thousands)

| | |
|------------------------------------|----------|
| FY 2012 Budget Request | \$76,000 |
| FY 2011 Current Estimate | \$55,329 |
| FY 2011 President's Budget Request | \$55,329 |

PURPOSE AND SCOPE

This program provides for construction where analysis indicates it will be more economical to build new units rather than lease or revitalize existing Army Family housing. New units are also built when adequate off post housing is not available. Cost estimates include site preparation, demolition, land acquisition, construction, and initial outfitting with fixtures and integral equipment, along with associated facilities such as roads, driveways, walks, utility systems, and community facilities.

PROGRAM SUMMARY

Authorization is requested in FY 2012 for:

1. Construction of 128 Family housing units. As part of this construction, 80 units will replace existing inadequate units which will be lost during FY 2012 improvement projects at Storck Barracks, Illesheim;
2. Acquisition of 10 acres of land in Brussels, Belgium, with the intent to build 7 General and Flag Officer Quarters (GFOQ) on it the following year;
3. Appropriation in the amount of \$76,000,000 to fund construction of 128 Family housing units and acquisition of 10 acres of land.

A summary of the requested new construction funding program for FY 2012 follows:

| Location | Mission | Number of Constructed | Units Divested | Amount (\$000) |
|----------------------|---------|--------------------------|-------------------|-------------------|
| Grafenwoehr, Germany | Current | 26 | N/A | 13,000 |
| Vilseck, Germany | Current | 22 | N/A | 12,000 |
| Illesheim, Germany | Current | 80 | N/A | 41,000 |
| Brussels, Belgium | Current | 10 acres | N/A | 10,000 |
| | TOTAL: | 128 and 10 acres | | 76,000 |

February 2011

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing

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| | | | | | | | |
|--|---------------------------------------|---------------------------------|---|---------|--------|--|---------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | | | | | | 2. DATE FEB 2011 |
| 3. INSTALLATION AND LOCATION Belgium Various Belgium | | | 4. COMMAND US Army Installation Management Command | | | 5. AREA CONSTRUCTION COST INDEX 1.41 | |
| 6. PERSONNEL STRENGTH: | | | | | | | |
| | PERMANENT | | STUDENTS | | | SUPPORTED | |
| | OFFICER | ENLIST | CIVIL | OFFICER | ENLIST | CIVIL | TOTAL |
| A. AS OF 05 NOV 2010 | 940 | 2817 | 920 | 0 | 0 | 0 | 273 409 1545 6,904 |
| B. END FY 2016 | 865 | 2827 | 883 | 0 | 0 | 0 | 273 409 1540 6,797 |
| 7. INVENTORY DATA (\$000) | | | | | | | |
| A. TOTAL AREA..... | 435 ha | | (1,074 AC) | | | | |
| B. INVENTORY TOTAL AS OF 31 DEC 2010..... | | | | | | | 669,543 |
| C. AUTHORIZATION NOT YET IN INVENTORY..... | | | | | | | 0 |
| D. AUTHORIZATION REQUESTED IN THE FY 2012 PROGRAM..... | | | | | | | 10,000 |
| E. AUTHORIZATION INCLUDED IN THE FY 2013 PROGRAM..... | | | | | | | 8,000 |
| F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY)..... | | | | | | | 0 |
| G. REMAINING DEFICIENCY..... | | | | | | | 0 |
| H. GRAND TOTAL..... | | | | | | | 687,543 |
| 8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2012 PROGRAM: | | | | | | | |
| CATEGORY | PROJECT | | | | | COST | DESIGN STATUS |
| CODE | NUMBER | PROJECT TITLE | | | | (\$000) | START COMPLETE |
| 911 | 78328 | Land Purchase for GFOQ | | | | 10,000 | N/A |
| TOTAL | | | | | | 10,000 | |
| 9. FUTURE PROJECT APPROPRIATIONS: | | | | | | | |
| CATEGORY | | | | | | COST | |
| CODE | | PROJECT TITLE | | | | (\$000) | |
| A. INCLUDED IN THE FY 2013 PROGRAM: | | | | | | | |
| 711 | | Family Housing New Construction | | | | 8,000 | |
| TOTAL | | | | | | 8,000 | |
| B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE | | | | | | | |
| C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): | | | | | | N/A | |
| 10. MISSION OR MAJOR FUNCTIONS: | | | | | | | |
| <p>Chievres, Belgium Airbase provides a base of operations for the 80th Area Support Group (ASG) and 39th Signal Battalion Headquarters, an operational ASG with an assigned Base Operations (BASOPS) and contingency operations (CONOPS) mission. The 80th ASG supports customers throughout Belgium, the Netherlands, Luxembourg, France, the United Kingdom, and northern Germany; provides a full range of BASOPS support to units and representatives of all service branches, as well as to US government officials assigned to the North Atlantic Treaty Organization (NATO) and to Allied Forces Central (AFCENT), Europe; and maintains a subordinate 254th Base Support Battalion in Schinnen, the Netherlands, and an Area Support Team (NATO Support Activity) in Brussels, Belgium.</p> | | | | | | | |

| | | |
|----------------------|---------------------------------------|---------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | 2. DATE FEB 2011 |
|----------------------|---------------------------------------|---------------------|

INSTALLATION AND LOCATION: Belgium Various, Belgium

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

| | |
|-----------------------------------|---------|
| | (\$000) |
| A. AIR POLLUTION | 0 |
| B. WATER POLLUTION | 0 |
| C. OCCUPATIONAL SAFETY AND HEALTH | 0 |

| | | | | | | |
|---|--|--|---------------------------|---|--|------------------|
| 1.COMONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2.DATE FEB 2011 | |
| 3.INSTALLATION AND LOCATION Brussels Belgium (Belgium Various) | | | | 4.PROJECT TITLE Land Purchase for GFOQ | | |
| 5.PROGRAM ELEMENT 88741A | | 6.CATEGORY CODE 911 | 7.PROJECT NUMBER 78328 | | 8.PROJECT COST (\$000) Auth 10,000 Approp 10,000 | |
| 9.COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> Land Purchase | | ha (AC) | 4.05 (10) | | 2222222 | 9,000 (9,000) |
| <u>SUPPORTING FACILITIES</u> | | | | | | |
| ESTIMATED CONTRACT COST | | | | | | 9,000 |
| CONTINGENCY (5.00%) | | | | | | 450 |
| SUBTOTAL | | | | | | 9,450 |
| SUPV, INSP & OVERHEAD (6.50%) | | | | | | 614 |
| TOTAL REQUEST | | | | | | 10,064 |
| TOTAL REQUEST (ROUNDED) | | | | | | 10,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | (0) |
| 10.Description of Proposed Construction Coordinate with the local government to acquire 10 acres of land for the FY 2013 construction project of seven (7) General and Flag Officer Quarters (GFOQ) that is contiguous to or in the vicinity of current Army owned land. There are multiple geographic areas that could provide the land required for construction, physical security, access road and utility infrastructure. <u>PROJECT:</u> Acquire 10 acres of real property for a FY 2013 project to construct seven (7) General and Flag Officer Quarters (GFOQ) in Brussels, Belgium. (Current Mission) <u>REQUIREMENT:</u> The Army has determined that it is more cost effective to acquire additional acreage for the construction of seven (7) General and Flag Officer Quarters (GFOQ) in the Brussels area than to continue existing high cost leases. This acquisition is in support of that construction, which will give executive military personnel and their families an equivalent housing standard as that provided to their peers in CONUS. Life-cycle economic analysis documented that U.S. ownership of a consolidated GFOQ enclave for these positions, all high ranking high risk personnel (HRP), to be the best and least cost long term solution for the U.S. government. The Belgian government has indicated that no Belgium owned land exists for consignment to the U.S. It is in the U.S. long term best interests to acquire an interest in | | | | | | |

| | | |
|--|--|-------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE FEB 2011 |
| 3. INSTALLATION AND LOCATION Brussels, Belgium (Belgium Various) | | |
| 4. PROJECT TITLE Land Purchase for GFOQ | 5. PROJECT NUMBER 78328 | |
| <p><u>REQUIREMENT:</u> (CONTINUED) the property up front. This will assure appreciating value of U.S. funded investments.</p> <p><u>CURRENT SITUATION:</u> USAG Brussels is currently leasing seven high - cost units to house three General and Flag Officers along with four Senior Executive Service Employees and their Families who are assigned to executive positions in Brussels, Belgium. Six homes are individual stand-alone units; one is in a row house configuration. Each are leased by the US Army (Brussels Garrison) under the high cost lease provisions of 10 USC 2828 and AR 420-1.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If funding is not provided to acquire additional land, there will be insufficient land/space available to meet the Army's housing requirement. USAG Brussels will continue to pay for the high cost leases.</p> <p><u>ADDITIONAL:</u> An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p> <p><u>NATO SECURITY INVESTMENT:</u> This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.</p> | | |

| MILITARY FAMILY HOUSING JUSTIFICATION | | | | 1. DATE OF REPORT (YYMMDD) 110111 | | 2. FISCAL YEAR 2012 | | REPORT CONTROL SYMBOL | |
|--|--|-----------------------------|----------------|--------------------------------------|--------------|----------------------------------|----------------|-----------------------|--------------|
| 3. DOD COMPONENT Army | | 4. REPORTING INSTALLATION | | | | | | | |
| 5. DATA AS OF 28 Jan 11 | | a. NAME Brussels Belgium | | | | b. LOCATION Brussels, Belgium | | | |
| ANALYSIS OF REQUIREMENTS AND ASSETS | | CURRENT | | | | PROJECTED | | | |
| | | OFFICER (a) | E9 - E4 (b) | E3 - E1 (c) | TOTAL (c) | OFFICER (a) | E9 - E4 (b) | E3 - E1 (c) | TOTAL (c) |
| 6. TOTAL PERSONNEL STRENGTH | | 166 | 170 | 14 | 350 | 166 | 172 | 14 | 352 |
| 7. PERMANENT PARTY PERSONNEL | | 166 | 170 | 14 | 350 | 166 | 172 | 14 | 352 |
| 8. GROSS FAMILY HOUSING REQUIREMENTS | | 142 | 98 | 4 | 244 | 142 | 100 | 4 | 246 |
| 9. TOTAL UNACCEPTABLY HOUSED (a + b + c) | | 6 | 20 | 0 | 26 | | | | |
| a. INVOLUNTARILY SEPARATED | | 0 | 0 | 0 | 0 | | | | |
| b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED | | 0 | 0 | 0 | 0 | | | | |
| c. UNACCEPTABLY HOUSED - IN COMMUNITY | | 6 | 20 | 0 | 26 | | | | |
| 10. VOLUNTARY SEPARATIONS | | 5 | 6 | 0 | 11 | 5 | 6 | 0 | 11 |
| 11. EFFECTIVE HOUSING REQUIREMENTS | | 137 | 92 | 4 | 233 | 137 | 94 | 4 | 235 |
| 12. HOUSING ASSETS (a + b) | | 138 | 91 | 4 | 233 | 124 | 18 | 0 | 142 |
| a. UNDER MILITARY CONTROL | | 11 | 0 | 0 | 11 | 11 | 0 | 0 | 11 |
| (1) Housed in Existing DoD Owned/Controlled | | 11 | 0 | 0 | 11 | 11 | 0 | 0 | 11 |
| (2) Under Contract/Approved | | | | | | 0 | 0 | 0 | 0 |
| (3) Vacant | | 0 | 0 | 0 | 0 | | | | |
| (4) Inactive | | 0 | 0 | 0 | 0 | | | | |
| b. PRIVATE HOUSING | | 127 | 91 | 4 | 222 | 113 | 18 | 0 | 131 |
| (1) Acceptably Housed | | 127 | 91 | 4 | 222 | | | | |
| (2) Acceptable Vacant Rental | | 0 | 0 | 0 | 0 | | | | |
| 13. EFFECTIVE HOUSING DEFICIT | | -1 | 1 | 0 | 0 | 17 | 72 | 4 | 93 |
| 14. PROPOSED PROJECT | | | | | | 7 | 0 | 0 | 7 |
| 15. REMARKS (Specify item number) | | | | | | | | | |
| FY2012, PN78328, Acquire 10 acres of real property for an FY2013 project to construct seven (7) General and Flag Officer Quarters (GFOQ) in Brussels, Belgium (current mission). | | | | | | | | | |

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|--|---------------------------------------|---|---|---------|---------|--|---------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | | | | | | 2. DATE FEB 2011 |
| 3. INSTALLATION AND LOCATION Germany Various Germany | | | 4. COMMAND US Army Installation Management Command | | | 5. AREA CONSTRUCTION COST INDEX 1.26 | |
| 6. PERSONNEL STRENGTH: | | | | | | | |
| | PERMANENT | | STUDENTS | | | SUPPORTED | |
| | OFFICER | ENLIST | CIVIL | OFFICER | ENLIST | CIVIL | |
| A. AS OF 05 NOV 2010 | 6309 | 31401 | 17410 | 0 | 271 | 21 | |
| B. END FY 2016 | 5349 | 20838 | 15108 | 0 | 110 | 27 | |
| | | | | | | 2881 | |
| | | | | | | 5906 | |
| | | | | | | 19519 | |
| | | | | | | 83,718 | |
| | | | | | | 2781 | |
| | | | | | | 5756 | |
| | | | | | | 18306 | |
| | | | | | | 68,275 | |
| 7. INVENTORY DATA (\$000) | | | | | | | |
| A. TOTAL AREA..... | | | 1,237 ha | | | (3,057 AC) | |
| B. INVENTORY TOTAL AS OF 31 DEC 2010..... | | | | | | 2,526,552 | |
| C. AUTHORIZATION NOT YET IN INVENTORY..... | | | | | | 1,126,994 | |
| D. AUTHORIZATION REQUESTED IN THE FY 2012 PROGRAM..... | | | | | | 169,000 | |
| E. AUTHORIZATION INCLUDED IN THE FY 2013 PROGRAM..... | | | | | | 36,000 | |
| F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY)..... | | | | | | 0 | |
| G. REMAINING DEFICIENCY..... | | | | | | 0 | |
| H. GRAND TOTAL..... | | | | | | 3,858,546 | |
| 8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2012 PROGRAM: | | | | | | | |
| CATEGORY | PROJECT | | | | COST | DESIGN STATUS | |
| CODE | NUMBER | PROJECT TITLE | | | (\$000) | START COMPLETE | |
| 711 | 78475 | Family Housing Improvements | | | 22,000 | TURNKEY | |
| 711 | 78505 | Family Housing New Construction | | | 13,000 | TURNKEY | |
| 711 | 78506 | Family Housing New Construction | | | 12,000 | TURNKEY | |
| 711 | 78841 | Family Housing Improvements | | | 41,000 | TURNKEY | |
| 711 | 79074 | Family Housing Replacement Construction | | | 41,000 | TURNKEY | |
| 711 | 79097 | Family Housing Improvements | | | 40,000 | TURNKEY | |
| | | TOTAL | | | 169,000 | | |
| 9. FUTURE PROJECT APPROPRIATIONS: | | | | | | | |
| CATEGORY | | | | | COST | | |
| CODE | | PROJECT TITLE | | | (\$000) | | |
| A. INCLUDED IN THE FY 2013 PROGRAM: | | | | | | | |
| 711 | | Family Housing Improvements | | | 36,000 | | |
| | | TOTAL | | | 36,000 | | |
| B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE | | | | | | | |
| C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): N/A | | | | | | | |
| 10. MISSION OR MAJOR FUNCTIONS: | | | | | | | |
| Installations support US Army, Europe and Seventh Army (USAREUR), a trained and ready force capable of rapidly responding and operating jointly in support of US EUCOM theater strategy. Installations serve as a base for projecting power in and out of EUCOM area of responsibility by providing facilities for training, maintaining, housing, and supporting USAREUR's subordinate and supporting units/organizations. These units consist of combat, combat support, and combat service support tactical units as well as theater, mission, installation support, and quality of life organizations required to maintain a trained and ready force | | | | | | | |

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|---|---------------------------------------|---------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROGRAM | 2. DATE FEB 2011 |
| INSTALLATION AND LOCATION: Germany Various, Germany | | |
| 10. MISSION OR MAJOR FUNCTIONS: (...CONTINUED) overseas. | | |
| 11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: | | |
| | (\$000) | |
| A. AIR POLLUTION | | 0 |
| B. WATER POLLUTION | | 0 |
| C. OCCUPATIONAL SAFETY AND HEALTH | | 0 |

| | | | | | | |
|---|--|--|---------------------------|--|--|--------------|
| 1.COMONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2.DATE FEB 2011 | |
| 3.INSTALLATION AND LOCATION Grafenwoehr Germany (Germany Various) | | | | 4.PROJECT TITLE Family Housing New Construction | | |
| 5.PROGRAM ELEMENT 88741A | | 6.CATEGORY CODE 711 | 7.PROJECT NUMBER 78505 | | 8.PROJECT COST (\$000) Auth 13,000 Approp 13,000 | |
| 9.COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 8,096 |
| Family Housing, JNCO 4 BR | | FA | 13 -- | | 326,664 | (4,247) |
| Family Housing, JNCO 3 BR | | FA | 13 -- | | 277,980 | (3,614) |
| SDD and EPAct05 | | LS | -- | | -- | (235) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 3,614 |
| Electric Service | | LS | -- | | -- | (316) |
| Water, Sewer, Gas | | LS | -- | | -- | (791) |
| Steam And/Or Chilled Water Dist | | LS | -- | | -- | (407) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (727) |
| Storm Drainage | | LS | -- | | -- | (187) |
| Site Imp(751) Demo() | | LS | -- | | -- | (751) |
| Antiterrorism Measures | | LS | -- | | -- | (160) |
| UEMCS and Information Sys | | LS | -- | | -- | (275) |
| ESTIMATED CONTRACT COST | | | | | | 11,710 |
| CONTINGENCY (5.00%) | | | | | | 586 |
| SUBTOTAL | | | | | | 12,296 |
| SUPV, INSP & OVERHEAD (6.50%) | | | | | | 799 |
| TOTAL REQUEST | | | | | | 13,095 |
| TOTAL REQUEST (ROUNDED) | | | | | | 13,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | (0) |
| 10.Description of Proposed Construction Construction of 26 townhouse style units for Junior Non-Commissioned Officer (JNCO)(13 three-bedroom and 13 four-bedroom units). Floor plans and specifications follow established standard townhouse designs from previous projects at Ansbach and Wiesbaden. Project includes individual unit metering of utilities, hard wired interconnected smoke detectors, carbon monoxide detection, garages, storage, patios, backyard fencing, landscaping, and all equipment and appliances for fully functional residential living units. Project includes neighborhood amenities, walkways, roads, utilities, Utility Energy Monitoring and Control System (UEMCS), environmental measures required by law and associated supporting infrastructure. Local construction methods and materials will be used to include tile roofs, 110/220V electric systems, masonry walls, prefab concrete floors & ceilings, exterior insulation and stucco, European windows and doors. Project shall comply with the Army Standard for Family Housing and the Army Family Housing Standard Design Criteria. Design and construction includes requirements of current Sustainable Design and Development Policy Update (Environmental and Energy Performance). At least five percent of these units will be accessible or readily and easily modifiable for use by persons with disabilities. | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE FEB 2011 |
|--------------------------|--|-------------------------|

3. INSTALLATION AND LOCATION

Grafenwoehr, Germany (Germany Various)

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Family Housing New Construction | 5. PROJECT NUMBER 78505 |
|---|--------------------------------|

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

| Grade | #BR | Net SF | Gross SF | Gross SM | Proj Factor | \$/GSM | #Units | Total(\$K) |
|--------|-----|--------|----------|----------|-------------|--------|--------|------------|
| ----- | --- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| JNCO | 3 | 1,315 | 1,630 | 151 | 1.196 | 1,539 | 13 | 3,614 |
| JNCO | 4 | 1,573 | 1,950 | 181 | 1.196 | 1,509 | 13 | 4,247 |
| TOTALS | | | | | | | 26 | 7,861 |

PROJECT: Construction of 26 Junior Non-Commissioned Officer Family housing units to include neighborhood amenities, energy conservation and supporting infrastructure. (Current Mission)

REQUIREMENT: Investors for the second phase of the Build to Lease in initiative went bankrupt during the 2008 financial crisis and the planned Family houses never materialized. The Bavarian state and German federal governments will no longer guarantee additional investments in housing at Grafenwoehr. This makes it impossible for potential new investors to obtain the funding needed to build additional houses under a Build to Lease agreement. This project will provide Soldiers and Families an equivalent housing standard to that provided to CONUS based Soldiers.

CURRENT SITUATION: There is currently a lack of Family housing units on the Main Post and Rose Barracks for the garrison's military population. Lease and off post rental units have been exhausted to the maximum extent possible. Grafenwoehr/Vilseck is a very rural area, and there are no large population centers near the installations that can provide the required amounts of Family housing.

IMPACT IF NOT PROVIDED: If this project is not provided, the units to support USAREUR stationing requirements cannot be realized. Many married Soldiers may be forced to accept unaccompanied tours, which will have a negative impact on morale, mission readiness and quality of life of the Soldiers and their Families. Off post security will continue to be an issue.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

NATO SECURITY INVESTMENT: This project is not within an established NATO infrastructure category for common funding, nor is it expected to become

| | | |
|---|--|------------------------|
| 1.COMONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE FEB 2011 |
| 3.INSTALLATION AND LOCATION Grafenwoehr, Germany (Germany Various) | | |
| 4.PROJECT TITLE Family Housing New Construction | 5.PROJECT NUMBER 78505 | |
| <p><u>NATO SECURITY INVESTMENT: (CONTINUED)</u> eligible in the foreseeable future.</p> <p>Construction Contract Award Date: FEB 2012 Construction Start Date: MAR 2012 Construction Completion Date: DEC 2013</p> | | |

| MILITARY FAMILY HOUSING JUSTIFICATION | | | | 1. DATE OF REPORT (YYMMDD) 110201 | | 2. FISCAL YEAR 2012 | | REPORT CONTROL SYMBOL | |
|---|--|-----------------------------|----------------|--------------------------------------|------------------------------|---|----------------|-----------------------|--------------|
| 3. DOD COMPONENT Army | | 4. REPORTING INSTALLATION | | | | | | | |
| 5. DATA AS OF 1 Feb 11 | | a. NAME USAG Grafenwoehr | | | | b. LOCATION Grafenwoehr and Vilseck, Germany | | | |
| ANALYSIS OF REQUIREMENTS AND ASSETS | | CURRENT | | | | PROJECTED | | | |
| | | OFFICER (a) | E9 - E4 (b) | E3 - E1 (c) | TOTAL (c) | OFFICER (a) | E9 - E4 (b) | E3 - E1 (c) | TOTAL (c) |
| 6. TOTAL PERSONNEL STRENGTH | | 791 | 4,386 | 2,920 | 8,097 | 1,007 | 5,122 | 3,414 | 9,543 |
| 7. PERMANENT PARTY PERSONNEL | | 791 | 4,386 | 2,920 | 8,097 | 1,007 | 5,122 | 3,414 | 9,543 |
| 8. GROSS FAMILY HOUSING REQUIREMENTS | | 529 | 2,868 | 851 | 4,248 | 676 | 3,350 | 996 | 5,022 |
| 9. TOTAL UNACCEPTABLY HOUSED (a + b + c) | | 80 | 566 | 201 | 847 | | | | |
| a. INVOLUNTARILY SEPARATED | | 0 | 0 | 0 | 0 | | | | |
| b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED | | 0 | 0 | 0 | 0 | | | | |
| c. UNACCEPTABLY HOUSED - IN COMMUNITY | | 80 | 566 | 201 | 847 | | | | |
| 10. VOLUNTARY SEPARATIONS | | 15 | 203 | 41 | 259 | 17 | 235 | 48 | 300 |
| 11. EFFECTIVE HOUSING REQUIREMENTS | | 514 | 2,665 | 810 | 3,989 | 659 | 3,115 | 948 | 4,722 |
| 12. HOUSING ASSETS (a + b) | | 599 | 3,040 | 987 | 4,626 | 885 | 2,455 | 620 | 3,960 |
| a. UNDER MILITARY CONTROL | | 387 | 2,078 | 620 | 3,085 | 387 | 2,078 | 620 | 3,085 |
| (1) Housed in Existing DoD Owned/Controlled | | 347 | 1,859 | 555 | 2,761 | 387 | 2,078 | 620 | 3,085 |
| (2) Under Contract/Approved | | | | | | 0 | 0 | 0 | 0 |
| (3) Vacant | | 40 | 219 | 65 | 324 | | | | |
| (4) Inactive | | | 0 | 0 | 0 | | | | |
| b. PRIVATE HOUSING | | 212 | 962 | 367 | 1,541 | 498 | 377 | 0 | 875 |
| (1) Acceptably Housed | | 212 | 962 | 367 | 1,541 | | | | |
| (2) Acceptable Vacant Rental | | 0 | 0 | 0 | 0 | | | | |
| 13. EFFECTIVE HOUSING DEFICIT | | -85 | -375 | -177 | -637 | -226 | 660 | 328 | 762 |
| 14. PROPOSED PROJECT | | | | | | 0 | 25 | 23 | 48 |
| 15. REMARKS (Specify item number) | | | | | | | | | |
| FY2012, PN 78505 and PN 78506, construction of 48 townhouse style units for Junior Non-commissioned Officers (JNCO). | | | | | | | | | |
| REQUIREMENT: Projects are required because the investors for the second phase of the Build to Lease initiative went bankrupt during 2008 financial crisis and the planned Family houses never materialized. The Bavarian state and German federal governments will no longer guarantee additional investments in housing at Grafenwoehr. This makes it impossible for potential new investors to obtain the funding needed to build additional houses under a Build to Lease agreement. NOTE: Total Personnel Strengths provided by IMCOM-EUR are more current than ASIP (pending ASIP update). | | | | | | | | | |
| PN 78505, East Camp Grafenwoehr | | | | | PN 78506, South Camp Vilseck | | | | |
| JNCO 13 units 3-BR | | | | | JNCO 11 units 3- BR | | | | |
| JNCO 13 units 4-BR | | | | | JNCO 11 units 4-BR | | | | |

| | | | | | |
|---|-------------------------|--|---|---------------------|--------------|
| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | 2. DATE FEB 2011 | |
| 3. INSTALLATION AND LOCATION South Camp Vilseck Germany (Germany Various) | | | 4. PROJECT TITLE Family Housing New Construction | | |
| 5. PROGRAM ELEMENT 88741A | 6. CATEGORY CODE 711 | 7. PROJECT NUMBER 78506 | 8. PROJECT COST (\$000) Auth 12,000 Approp 12,000 | | |
| 9. COST ESTIMATES | | | | | |
| ITEM | | UM (M/E) | QUANTITY | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | 7,166 |
| Family Housing, JNCO 4 BR | | FA | 11 -- | 341,660 | (3,758) |
| Family Housing, JNCO 3 BR | | FA | 11 -- | 290,727 | (3,198) |
| SDD and EPAct05 | | LS | -- | -- | (210) |
| <u>SUPPORTING FACILITIES</u> | | | | | 3,652 |
| Electric Service | | LS | -- | -- | (275) |
| Water, Sewer, Gas | | LS | -- | -- | (870) |
| Steam And/Or Chilled Water Dist | | LS | -- | -- | (720) |
| Paving, Walks, Curbs & Gutters | | LS | -- | -- | (620) |
| Storm Drainage | | LS | -- | -- | (162) |
| Site Imp(615) Demo() | | LS | -- | -- | (615) |
| Antiterrorism Measures | | LS | -- | -- | (130) |
| UEMCS and Information Sys | | LS | -- | -- | (260) |
| ESTIMATED CONTRACT COST | | | | | 10,818 |
| CONTINGENCY (5.00%) | | | | | <u>541</u> |
| SUBTOTAL | | | | | 11,359 |
| SUPV, INSP & OVERHEAD (6.50%) | | | | | <u>738</u> |
| TOTAL REQUEST | | | | | 12,097 |
| TOTAL REQUEST (ROUNDED) | | | | | 12,000 |
| INSTALLED EQT-OTHER APPROP | | | | | (0) |
| 10. Description of Proposed Construction Construction of 22 townhouse style units for Junior Non-Commissioned Officer (JNCO) (11 three-bedroom and 11 four-bedroom units). Floor plans and specifications follow established standard townhouse designs from previous projects at Ansbach and Wiesbaden. Project includes individual unit metering of utilities, hard wired interconnected smoke detectors, carbon monoxide detection, garages, storage, patios, backyard fencing, landscaping, and all equipment and appliances for fully functional residential living units. Project includes neighborhood amenities, walkways, roads, utilities, Utility Energy Monitoring and Control System (UEMCS), environmental measures required by law and associated supporting infrastructure. Local construction methods and materials will be used to include tile roofs, 110/220V electric systems, masonry walls, prefab concrete floors & ceilings, exterior insulation and stucco, European windows and doors. Project shall comply with the Army Standard for Family Housing and the Army Family Housing Standard Design Criteria. Design and construction includes requirements of current Sustainable Design and Development Policy Update (Environmental and Energy Performance). At least five percent of these units will be accessible or readily and easily modifiable for use by persons with disabilities. | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE FEB 2011 |
|----------------------|--|---------------------|

3. INSTALLATION AND LOCATION
South Camp Vilseck, Germany (Germany Various)

| | |
|---|----------------------------|
| 4. PROJECT TITLE Family Housing New Construction | 5. PROJECT NUMBER 78506 |
|---|----------------------------|

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

| Grade | #BR | Net SF | Gross SF | Gross SM | Proj Factor | \$/GSM | #Units | Total(\$K) |
|--------|-----|--------|----------|----------|-------------|--------|--------|------------|
| JNCO | 3 | 1,315 | 1,630 | 151 | 1.251 | 1,539 | 11 | 3,198 |
| JNCO | 4 | 1,573 | 1,950 | 181 | 1.251 | 1,509 | 11 | 3,758 |
| TOTALS | | | | | | | 22 | 6,956 |

PROJECT: Construction of 22 Junior Non-Commissioned Officer Family housing units to include neighborhood amenities, energy conservation and supporting infrastructure. (Current Mission)

REQUIREMENT: Investors for the second phase of the Build to Lease in initiative went bankrupt during the 2008 financial crisis and the planned Family houses never materialized. The Bavarian state and German federal governments will no longer guarantee additional investments in housing at Vilseck. This makes it impossible for potential new investors to obtain the funding needed to build additional houses under a Build to Lease agreement. This project will provide Soldiers and Families an equivalent housing standard to that provided to CONUS based Soldiers.

CURRENT SITUATION: There is currently a lack of Family housing units on the Main Post and Rose Barracks for the garrison's military population. Lease and off post rental units have been exhausted to the maximum extent possible. Grafenwoehr/Vilseck is a very rural area, and there are no large population centers near the installations that can provide the required amounts of Family housing.

IMPACT IF NOT PROVIDED: If this project is not provided, the units to support USAREUR stationing requirements cannot be realized. Many married Soldiers may be forced to accept unaccompanied tours, which will have a negative impact on morale, mission readiness and quality of life of the Soldiers and their Families. Off post security will continue to be an issue.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

NATO SECURITY INVESTMENT: This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.

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| 1.COMONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE FEB 2011 |
| 3.INSTALLATION AND LOCATION South Camp Vilseck, Germany (Germany Various) | | |
| 4.PROJECT TITLE Family Housing New Construction | 5.PROJECT NUMBER 78506 | |
| <p>Construction Contract Award Date: FEB 2012 Construction Start Date: MAR 2012 Construction Completion Date: DEC 2013</p> | | |

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| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE FEB 2011 | |
| 3. INSTALLATION AND LOCATION Storck Barracks Germany (Germany Various) | | | | 4. PROJECT TITLE Family Housing Replacement Construction | | |
| 5. PROGRAM ELEMENT 88741A | | 6. CATEGORY CODE 711 | 7. PROJECT NUMBER 79074 | | 8. PROJECT COST (\$000) Auth 41,000 Approp 41,000 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| PRIMARY FACILITY | | | | | | 27,303 |
| Junior NCO/Enlised 3 BR | | FA | 40 -- | | 302,365 | (12,095) |
| Junior NCO/Enlised 4 BR | | FA | 40 -- | | 355,329 | (14,213) |
| SDD and EPAct05 | | LS | -- | | -- | (995) |
| SUPPORTING FACILITIES | | | | | | 9,562 |
| Electric Service | | LS | -- | | -- | (1,800) |
| Water, Sewer, Gas | | LS | -- | | -- | (1,185) |
| Steam And/Or Chilled Water Dist | | LS | -- | | -- | (1,201) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (1,206) |
| Storm Drainage | | LS | -- | | -- | (1,340) |
| Site Imp(2,145) Demo() | | LS | -- | | -- | (2,145) |
| Antiterrorism Measures | | LS | -- | | -- | (285) |
| UEMCS and Information Sys | | LS | -- | | -- | (400) |
| ESTIMATED CONTRACT COST | | | | | | 36,865 |
| CONTINGENCY (5.00%) | | | | | | <u>1,843</u> |
| SUBTOTAL | | | | | | 38,708 |
| SUPV, INSP & OVERHEAD (6.50%) | | | | | | <u>2,516</u> |
| TOTAL REQUEST | | | | | | 41,224 |
| TOTAL REQUEST (ROUNDED) | | | | | | 41,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | (0) |
| 10. Description of Proposed Construction Construction of 80 townhouse style units for Junior Non-Commissioned Officer (JNCO) (40 three- bedroom and 40 four-bedroom units) to replace units lost due to right-sizing apartments during FY12 improvement projects. Floor plans and specifications follow established standard townhouse designs from previous projects at Ansbach and Wiesbaden. Project includes individual unit metering of utilities, hard wired interconnected smoke detectors, carbon monoxide detection, garages, storage, patios, backyard fencing, landscaping, and all equipment and appliances for fully functional residential living units. Project includes neighborhood amenities, walkways, roads, utilities, Utility Energy Monitoring and Control System (UEMCS), environmental measures required by law and associated supporting infrastructure. Local construction methods and materials will be used to include tile roofs, 110/220V electric systems, masonry walls, prefab concrete floors & ceilings, exterior insulation and stucco, European windows and doors. Project shall comply with the Army Standard for Family Housing and the Army Family Housing Standard Design Criteria. Design and construction includes requirements of current Sustainable Design and Development Policy Update (Environmental and Energy Performance). At least five percent of these units will be accessible or readily and easily modifiable for use by persons with disabilities. | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE FEB 2011 |
|--------------------------|--|-------------------------|

3. INSTALLATION AND LOCATION

Storck Barracks, Germany (Germany Various)

| | |
|---|--------------------------------|
| 4. PROJECT TITLE Family Housing Replacement Construction | 5. PROJECT NUMBER 79074 |
|---|--------------------------------|

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

| Grade | #BR | Net SF | Gross SF | Gross SM | Proj Factor | \$/GSM | #Units | Total (\$K) |
|--------|-----|--------|----------|----------|-------------|--------|--------|-------------|
| JNCO | 3 | 1,315 | 1,630 | 151 | 1.301 | 1,539 | 40 | 12,095 |
| JNCO | 4 | 1,573 | 1,950 | 181 | 1.301 | 1,509 | 40 | 14,213 |
| TOTALS | | | | | | | 80 | 20,308 |

PROJECT: Replacement construction of 80 Junior Enlisted Family housing units to include neighborhood amenities, energy conservation and supporting infrastructure. (Current Mission)

REQUIREMENT: Project is at an enduring location and is required to support US Army force structure in Germany regardless of whether 4 BCTs, 3BCTs or 2BCTs are retained. This project will replace units lost as a result of the FY 2012 Improvement projects PN 78841 and PN 79097 also at Storck Barracks, Illesheim, Germany. This will provide Soldiers and Families an equivalent housing standard to that provided to CONUS based Soldiers.

CURRENT SITUATION: The U.S. Army Garrison Ansbach at Illesheim, Germany is currently served by the Family housing inventory at Storck Barracks. This project is required to support the garrison's military population for the housing units in Illesheim. Lease and off post rental units have been exhausted to the maximum extent possible. Storck Barracks is a very rural area, and there are no large population centers near the installations that can provide the required amounts of Family housing.

IMPACT IF NOT PROVIDED: If this project is not provided, accompanied Soldiers may be forced to accept unaccompanied tours or inadequate off-post accommodations, which will have a negative impact on morale and quality of life of the Soldiers and their Families and disrupt mission readiness. Off post security will continue to be an issue.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

NATO SECURITY INVESTMENT: This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.

| | | |
|--|--|------------------------|
| 1.COMONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2.DATE FEB 2011 |
| 3.INSTALLATION AND LOCATION Storck Barracks, Germany (Germany Various) | | |
| 4.PROJECT TITLE Family Housing Replacement Construction | 5.PROJECT NUMBER 79074 | |
| <p>Construction Contract Award Date: FEB 2012 Construction Start Date: MAR 2012 Construction Completion Date: MAR 2014</p> | | |

| MILITARY FAMILY HOUSING JUSTIFICATION | | 1. DATE OF REPORT (YYMMDD) | | 2. FISCAL YEAR | | REPORT CONTROL SYMBOL | | | |
|--|--|-------------------------------|----------------|----------------|--------------|-----------------------|----------------|----------------|--------------|
| 3. DOD COMPONENT | | 4. REPORTING INSTALLATION | | | | | | | |
| 5. DATA AS OF | | a. NAME | | | b. LOCATION | | | | |
| ANALYSIS OF REQUIREMENTS AND ASSETS | | CURRENT | | | | PROJECTED | | | |
| | | OFFICER (a) | E9 - E4 (b) | E3 - E1 (c) | TOTAL (c) | OFFICER (a) | E9 - E4 (b) | E3 - E1 (c) | TOTAL (c) |
| 6. TOTAL PERSONNEL STRENGTH | | | | | | | | | |
| 7. PERMANENT PARTY PERSONNEL | | | | | | | | | |
| 8. GROSS FAMILY HOUSING REQUIREMENTS | | | | | | | | | |
| 9. TOTAL UNACCEPTABLY HOUSED (a + b + c) | | | | | | | | | |
| a. INVOLUNTARILY SEPARATED | | | | | | | | | |
| b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED | | | | | | | | | |
| c. UNACCEPTABLY HOUSED - IN COMMUNITY | | | | | | | | | |
| 10. VOLUNTARY SEPARATIONS | | | | | | | | | |
| 11. EFFECTIVE HOUSING REQUIREMENTS | | | | | | | | | |
| 12. HOUSING ASSETS (a + b) | | | | | | | | | |
| a. UNDER MILITARY CONTROL | | | | | | | | | |
| (1) Housed in Existing DoD Owned/Controlled | | | | | | | | | |
| (2) Under Contract/Approved | | | | | | | | | |
| (3) Vacant | | | | | | | | | |
| (4) Inactive | | | | | | | | | |
| b. PRIVATE HOUSING | | | | | | | | | |
| (1) Acceptably Housed | | | | | | | | | |
| (2) Acceptable Vacant Rental | | | | | | | | | |
| 13. EFFECTIVE HOUSING DEFICIT | | | | | | | | | |
| 14. PROPOSED PROJECT | | | | | | | | | |
| 15. REMARKS (Specify item number) | | | | | | | | | |

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
POST-ACQUISITION CONSTRUCTION

(\$ in Thousands)

| | |
|------------------------------------|-----------|
| FY 2012 Budget Request | \$103,000 |
| FY 2011 Current Estimate | \$35,000 |
| FY 2011 President's Budget Request | \$35,000 |

PURPOSE AND SCOPE

The Post-Acquisition Construction program provides funding for the improvement of existing Family housing units by revitalization or privatization. Privatization is completed at all scheduled locations. Traditional revitalization of military Family housing units is requested when it is more economical to renovate rather than replace.

Some of the existing units require major improvements, or revitalization, to meet contemporary living standards and to provide some of the modern amenities found in comparable community housing. The Army continues to emphasize the "whole neighborhood" revitalization concept. This includes the dwelling units, supporting utility systems, energy conservation, roads, playgrounds, and community facilities. The result eliminates much of the existing stereotypical construction, improves quarters to contemporary standards, and provides functional units in more attractive housing areas.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing

PROGRAM SUMMARY

Authorization is requested for appropriation for whole neighborhood revitalization and improvements to 276 units. Projects exceeding the statutory funding limitation (10 USC 2825) of \$50,000 per dwelling unit (adjusted by the area construction cost factor) are documented by the DD Forms 1391 which follow this summary. These projects are listed in the following table:

| <u>Location</u> | <u>Historic</u> | <u>Type</u> | <u>No. of Units</u> | <u>Amount (\$000)</u> |
|------------------------------------|-----------------|-------------|-------------------------|---------------------------|
| <u>Traditional Revitalization:</u> | | | | |
| Baumholder, Germany | No | JNCO | 72 | 22,000 |
| Illesheim, Germany | No | JNCO | 108 | 41,000 |
| Illesheim, Germany | No | JNCO | 96 | 40,000 |
| Subtotal | | | 276 | 103,000 |
| Total Traditional Revitalization | | | 276 | 103,000 |

FUNDING SUMMARY

Construction Improvements
Program (\$000)

103,000

Requested Authorization
Amount (\$000)

103,000

| | | | | | | |
|---|------------------------|--|--|---|--------------------|--|
| 1.COMONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2.DATE FEB 2011 | |
| 3.INSTALLATION AND LOCATION Various Locations - Continental and Overseas | | | 4.PROJECT TITLE Army Family Housing Post Acquisition Construction | | | |
| 5.PROGRAM ELEMENT 88742A | 6.CATEGORY CODE 711 | 7.PROJECT NUMBER AFH | | 8.PROJECT COST (\$000) Auth Approp 110,897 | | |
| 9.COST ESTIMATES | | | | | | |
| ITEM | | U/M | QUANTITY | UNIT COST | COST (\$000) | |
| Planning and Design | | LS | | | 7,897 | |
| Post Acquisition Construction for Improvement | | LS | | | 103,000 | |
| Projects qualifying for the Defense Energy Conservation Investment Program (ECIP) | | LS | | | 0 | |
| Total | | | | | 110,897 | |
| 10.Description of Proposed Construction <p>These projects provide for needed revitalization and improvements of Family housing units that do not meet current standards for livability, maintainability and energy efficiency. Revitalization projects provide for renewal of the whole neighborhood which considers the dwelling unit and supporting infrastructure. Work within the house considers upgrading kitchens (to include dishwashers, garbage disposals and range hoods) and bathrooms, installation of new half-baths (where required), increasing net living area to provide adequate space, where required, comparable to the private sector, installation of central air conditioning and heating systems including, as required, relocation of ductwork, increased insulation, exterior storage, patios and covered parking. Replacement or installation of supporting infrastructure considers utility distribution systems, storm sewers, roads, road realignment, off street parking, landscaping and recreation facilities.</p> | | | | | | |

| | | |
|---|--|-------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE FEB 2011 |
| 3. INSTALLATION AND LOCATION Various Locations - Continental and Overseas | | |
| 4. PROJECT TITLE Army Family Housing Post Aquisition Construction | 5. PROJECT NUMBER | |
| <p>11. REQUIREMENTS: The many acquisitions of the 1950s and 1960s have left a legacy of houses that are over forty-five years old which require major revitalization. The improvement requirements of the inventory have increased faster than prior years programs have met. Consequently, there is an on going requirement to renew and upgrade quarters including upgrading/replacement of the supporting infrastructure and recreational facilities. Units must be revitalized/improved due to age and obsolescence as contemporary standards have evolved. Since units are fully occupied and in high demand, accomplishing the program requires that a systematic revitalization effort be maintained. Units have deteriorated support systems and size/functionality deficiencies that are not adequate for today's Family.</p> <p>IMPACT IF NOT PROVIDED: The desired/required improvements to our service members' quality of life will not be realized. Family housing units and supporting systems will continue to be used as is with increasing obsolescence, recurring maintenance costs and unnecessarily high energy use. The 30% energy reduction required by the Energy Policy Act of 2005, Section 109, will not be met. Soldiers and their Families will continue to live in quarters that are below acceptable standards, affecting duty performance and adversely impacting on the Army's mission. Without privatization and revitalization, the President's Management Agenda to bring all Family quarters up to current standards will not be achieved.</p> | | |

| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE FEB 2011 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|-------------------------|--------------------------------------|--|---------------|--------------------------------------|--|--|--|--|---|--------|--|--|---|--|--|--|------------------------|--------|--|--|--|--|--|--|------------------------|--------|--|--|---|--|--|--|--------------------|--|--|---------|---------------|--|--|---------|-----------------|---------|--|---------|
| 3. INSTALLATION AND LOCATION Various Locations - Continental and Overseas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. PROJECT TITLE Army Family Housing Post Acquisition Construction | 5. PROJECT NUMBER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>DESCRIPTION OF WORK TO BE ACCOMPLISHED</p> <p>Country/State Installation and Project</p> <table border="0" style="width: 100%;"> <thead> <tr> <th style="width: 60%;"></th> <th style="width: 15%; text-align: center;">Post Acquisition Construction -----</th> <th style="width: 10%; text-align: center;">ECIP -----</th> <th style="width: 15%; text-align: right;">CWE (\$000) Total -----</th> </tr> </thead> <tbody> <tr> <td colspan="4">Germany (Note: All projects are priced at \$1 = .7491 EURO)</td> </tr> <tr> <td>Germany Various (Project Number 78475)</td> <td style="text-align: center;">22,000</td> <td></td> <td></td> </tr> <tr> <td colspan="4">Whole neighborhood revitalization of Junior Non-Commissioned Officer Family housing apartments in multi-story apartment buildings to current standards, including energy conservation, supporting infrastructure, and neighborhood amenities - 72 units. No improvements or major repairs have been accomplished in the past three years, nor are any planned for the following three years. (Separate DD Form 1391 is attached).</td> </tr> <tr> <td>(Project Number 78841)</td> <td style="text-align: center;">41,000</td> <td></td> <td></td> </tr> <tr> <td colspan="4">Whole neighborhood revitalization of Junior Non-Commissioned Officer Family housing apartments in multi-story apartment buildings to current standards, including energy conservation, supporting infrastructure, and neighborhood amenities - 108 units. No improvements or major repairs have been accomplished in the past three years, nor are any planned for the following three years. (Separate DD Form 1391 is attached).</td> </tr> <tr> <td>(Project Number 79097)</td> <td style="text-align: center;">40,000</td> <td></td> <td></td> </tr> <tr> <td colspan="4">Whole neighborhood revitalization of Junior Non-Commissioned Officer Family housing apartments in multi-story apartment buildings to current standards, including energy conservation, supporting infrastructure, and neighborhood amenities - 96 units. No improvements or major repairs have been accomplished in the past three years, nor are any planned for the following three years. (Separate DD Form 1391 is attached).</td> </tr> <tr> <td>Installation Total</td> <td></td> <td></td> <td style="text-align: right;">103,000</td> </tr> <tr> <td>Germany Total</td> <td></td> <td></td> <td style="text-align: right;">103,000</td> </tr> <tr> <td>OVERSEAS TOTALS</td> <td style="text-align: center;">103,000</td> <td></td> <td style="text-align: right;">103,000</td> </tr> </tbody> </table> | | | | Post Acquisition Construction ----- | ECIP ----- | CWE (\$000) Total ----- | Germany (Note: All projects are priced at \$1 = .7491 EURO) | | | | Germany Various (Project Number 78475) | 22,000 | | | Whole neighborhood revitalization of Junior Non-Commissioned Officer Family housing apartments in multi-story apartment buildings to current standards, including energy conservation, supporting infrastructure, and neighborhood amenities - 72 units. No improvements or major repairs have been accomplished in the past three years, nor are any planned for the following three years. (Separate DD Form 1391 is attached). | | | | (Project Number 78841) | 41,000 | | | Whole neighborhood revitalization of Junior Non-Commissioned Officer Family housing apartments in multi-story apartment buildings to current standards, including energy conservation, supporting infrastructure, and neighborhood amenities - 108 units. No improvements or major repairs have been accomplished in the past three years, nor are any planned for the following three years. (Separate DD Form 1391 is attached). | | | | (Project Number 79097) | 40,000 | | | Whole neighborhood revitalization of Junior Non-Commissioned Officer Family housing apartments in multi-story apartment buildings to current standards, including energy conservation, supporting infrastructure, and neighborhood amenities - 96 units. No improvements or major repairs have been accomplished in the past three years, nor are any planned for the following three years. (Separate DD Form 1391 is attached). | | | | Installation Total | | | 103,000 | Germany Total | | | 103,000 | OVERSEAS TOTALS | 103,000 | | 103,000 |
| | Post Acquisition Construction ----- | ECIP ----- | CWE (\$000) Total ----- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Germany (Note: All projects are priced at \$1 = .7491 EURO) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Germany Various (Project Number 78475) | 22,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Whole neighborhood revitalization of Junior Non-Commissioned Officer Family housing apartments in multi-story apartment buildings to current standards, including energy conservation, supporting infrastructure, and neighborhood amenities - 72 units. No improvements or major repairs have been accomplished in the past three years, nor are any planned for the following three years. (Separate DD Form 1391 is attached). | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Project Number 78841) | 41,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Whole neighborhood revitalization of Junior Non-Commissioned Officer Family housing apartments in multi-story apartment buildings to current standards, including energy conservation, supporting infrastructure, and neighborhood amenities - 108 units. No improvements or major repairs have been accomplished in the past three years, nor are any planned for the following three years. (Separate DD Form 1391 is attached). | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Project Number 79097) | 40,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Whole neighborhood revitalization of Junior Non-Commissioned Officer Family housing apartments in multi-story apartment buildings to current standards, including energy conservation, supporting infrastructure, and neighborhood amenities - 96 units. No improvements or major repairs have been accomplished in the past three years, nor are any planned for the following three years. (Separate DD Form 1391 is attached). | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Installation Total | | | 103,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Germany Total | | | 103,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OVERSEAS TOTALS | 103,000 | | 103,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE FEB 2011 |
|--------------------------|--|-------------------------|

3. INSTALLATION AND LOCATION

Various Locations - Continental and Overseas

| | |
|---|-------------------|
| 4. PROJECT TITLE Army Family Housing Post Acquisition Construction | 5. PROJECT NUMBER |
|---|-------------------|

| DESCRIPTION OF WORK TO BE ACCOMPLISHED | | | |
|--|-------------------------------|-------|----------------------|
| Country/State Installation and Project | Post Acquisition Construction | ECIP | CWE (\$000) Total |
| | ----- | ----- | ----- |
| Worldwide Various Planning and Design (Project Number 66727) | 7,897 | | |
| Installation Total | | | 7,897 |
| OVERSEAS TOTALS | 7,897 | | 7,897 |
| Total USA and Overseas | 110,897 | | 110,897 |

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| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE FEB 2011 | |
| 3. INSTALLATION AND LOCATION Baumholder Fam Hsg Germany (Germany Various) | | | | 4. PROJECT TITLE Family Housing Improvements | | |
| 5. PROGRAM ELEMENT 88742A | | 6. CATEGORY CODE 711 | 7. PROJECT NUMBER 78475 | | 8. PROJECT COST (\$000) Auth 22,000 Approp 22,000 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 18,936 |
| Renovate FH 3 BR Units | | FA | 36 | -- | 235,000 | (8,460) |
| Renovate FH 4 BR Units | | EA | 36 | -- | 285,000 | (10,260) |
| SDD and EPAct05 | | LS | -- | -- | -- | (216) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 1,176 |
| Electric Service | | LS | -- | -- | -- | (182) |
| Water, Sewer, Gas | | LS | -- | -- | -- | (452) |
| Steam And/Or Chilled Water Dist | | LS | -- | -- | -- | (99) |
| Paving, Walks, Curbs & Gutters | | LS | -- | -- | -- | (282) |
| Storm Drainage | | LS | -- | -- | -- | (13) |
| Site Imp(148) Demo() | | LS | -- | -- | -- | (148) |
| ESTIMATED CONTRACT COST | | | | | | 20,112 |
| CONTINGENCY (5.00%) | | | | | | 1,006 |
| SUBTOTAL | | | | | | 21,118 |
| SUPV, INSP & OVERHEAD (6.50%) | | | | | | 1,373 |
| TOTAL REQUEST | | | | | | 22,491 |
| TOTAL REQUEST (ROUNDED) | | | | | | 22,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | (0) |
| 10. Description of Proposed Construction Provides whole neighborhood revitalization of 72 Family quarters consisting of Junior Non-Commissioned Officer quarters (JNCO) (36 three-bedroom, and 36 four-bedroom units) in six inadequate multi-story stairwell apartment buildings. Project includes reconfiguration of 114 under-sized dwelling units into 72 adequately sized Family housing apartments. Renovations provide: deteriorated building components replacement, floor plan reconfiguration to increase unit size (right-sizing), fire protection and energy conservation improvements, compliance with Force Protection Criteria as pertaining to Stairwell Army Family Housing (AFH) units, and quality of life features such as balconies and covered parking. Work includes: fire alarm/sprinkler systems; common stairwell area renovation; private laundry in all apartments; restoration of existing kitchens and baths or replacement of those displaced by reconfiguration and still required (to include adding a second bathroom where required); alteration of heating, interior plumbing, electrical, TV, telephone, interior partitions, closets, and doors; repairs in basement areas and storage rooms; repairing as necessary failed and failing gutters, downspouts and roof tiles, exterior insulation, plaster and paint, selected plumbing, electrical systems and other support systems. Supporting facility work involves addition of recreational facilities, exterior flammable storage and trash enclosures, upgrading | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE FEB 2011 |
| 3. INSTALLATION AND LOCATION Baumholder Fam Hsg, Germany (Germany Various) | | |
| 4. PROJECT TITLE Family Housing Improvements | 5. PROJECT NUMBER 78475 | |
| <p>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</p> <p>electrical, water, and sewer utility distribution systems, upgrade landscaping, playgrounds, and provide two off street parking spaces per unit, all in accordance with the local Housing Community Plan. Project includes removal of asbestos, lead-based paint and polycyclic aromatic hydrocarbons (PAH) when encountered on the interior of the buildings. Design and construction includes requirements of current Sustainable Design and Development Policy Update (Environmental and Energy Performance). At least five percent of these units will be accessible or readily and easily modifiable for use by persons with disabilities. 42 Dwelling Units will be lost due to modernizing during renovation.</p> <p><u>PROJECT:</u> Whole neighborhood revitalization of 72 Family quarters consisting of Junior Non-Commissioned Officer quarters (JNCO) (36 three-bedroom, and 36 four-bedroom units) including upgrading neighborhood amenities and supporting infrastructure, all too current standards. (Current Mission)</p> <p><u>REQUIREMENT:</u> Project is required to support US Army force structure in Germany regardless of whether 4 BCTs, 3BCTs or 2 BCTs are retained. This project will improve existing Family housing conditions and to conform to adequate standards of size, safety, energy conservation and create a viable community housing development at an enduring installation. This neighborhood will provide Soldiers and Families an equivalent housing standard as that provided to CONUS based Soldiers.</p> <p><u>CURRENT SITUATION:</u> Existing six (6) undersized stairwell type Family Housing buildings (3-18 units and 3-20 units), total of 114 units are 1950's era multi-story apartment buildings with common stairwell walkups which do not meet quality of life or Antiterrorism Force/Protection (AT/FP) standards. These buildings have utility systems, doors, windows, roofing, exterior facades, kitchens, baths and other major building components that have outlived their useful life. Right-sizing/re-sizing is more cost effective than new construction. This project continues execution of strategy to replace worst stairwell buildings first.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, service members will continue to reside in inadequate and undersized housing that will continue to deteriorate and consume increased maintenance and energy costs. This adversely affects the health, safety and quality of life of the Soldiers and their Families.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design,</p> | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE FEB 2011 |
| 3. INSTALLATION AND LOCATION Baumholder Fam Hsg, Germany (Germany Various) | | |
| 4. PROJECT TITLE Family Housing Improvements | 5. PROJECT NUMBER 78475 | |
| <p>ADDITIONAL: (CONTINUED)</p> <p>development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p> <p><u>NATO SECURITY INVESTMENT:</u> This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.</p> <p>Construction Contract Award Date: FEB 2012 Construction Start Date: MAR 2012 Construction Completion Date: MAR 2014</p> | | |

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| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE FEB 2011 | |
| 3. INSTALLATION AND LOCATION Storck Barracks Germany (Germany Various) | | | | 4. PROJECT TITLE Family Housing Improvements | | |
| 5. PROGRAM ELEMENT 88742A | | 6. CATEGORY CODE 711 | 7. PROJECT NUMBER 78841 | | 8. PROJECT COST (\$000) Auth 41,000 Approp 41,000 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 30,798 |
| Renovate JNCO 3 BR Units | | FA | 54 -- | | 246,036 | (13,286) |
| Renovate JNCO 4 BR Units | | FA | 54 -- | | 305,394 | (16,491) |
| SDD and EPAct05 | | LS | -- | | -- | (902) |
| Building Information Systems | | LS | -- | | -- | (119) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 6,204 |
| Electric Service | | LS | -- | | -- | (1,943) |
| Water, Sewer, Gas | | LS | -- | | -- | (326) |
| Steam And/Or Chilled Water Dist | | LS | -- | | -- | (335) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (738) |
| Storm Drainage | | LS | -- | | -- | (1,305) |
| Site Imp(1,557) Demo() | | LS | -- | | -- | (1,557) |
| ESTIMATED CONTRACT COST | | | | | | 37,002 |
| CONTINGENCY (5.00%) | | | | | | 1,850 |
| SUBTOTAL | | | | | | 38,852 |
| SUPV, INSP & OVERHEAD (6.50%) | | | | | | 2,525 |
| TOTAL REQUEST | | | | | | 41,377 |
| TOTAL REQUEST (ROUNDED) | | | | | | 41,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | (0) |
| 10. Description of Proposed Construction Provides whole neighborhood revitalization of 108 Family quarters consisting of Junior Non-Commissioned Officer quarters (JNCO) (54 three-bedroom, and 54 four-bedroom units) in nine inadequate multi-story stairwell apartment buildings. Project includes reconfiguration of 162 under-sized dwelling units into 108 adequately sized Family housing apartments. Renovations provide: deteriorated building components replacement, floor plan reconfiguration to increase unit size (right-sizing), fire protection and energy conservation improvements, compliance with Force Protection Criteria as pertaining to Stairwell Army Family Housing (AFH) units, and quality of life features such as balconies and covered parking. Work includes: fire alarm/sprinkler systems; common stairwell area renovation; private laundry in all apartments; restoration of existing kitchens and baths or replacement of those displaced by reconfiguration and still required (to include adding a second bathroom where required); alteration of heating, interior plumbing, electrical, TV, telephone, interior partitions, closets, and doors; repairs in basement areas and storage rooms; repairing as necessary failed and failing gutters, downspouts and roof tiles, exterior insulation, plaster and paint, selected plumbing, electrical systems and other support systems. Project includes removal of asbestos, lead-based paint and polycyclic aromatic hydrocarbons (PAH) when encountered on the interior of the buildings. | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE FEB 2011 |
| 3. INSTALLATION AND LOCATION Storck Barracks, Germany (Germany Various) | | |
| 4. PROJECT TITLE Family Housing Improvements | 5. PROJECT NUMBER 78841 | |
| <p>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</p> <p>Supporting facility work involves addition of recreational facilities, exterior flammable storage and trash enclosures, upgrading electrical, water, and sewer utility distribution systems, upgrade landscaping, playgrounds, and provide two off street parking spaces per unit, all in accordance with the local Housing Community Plan. Design and construction includes requirements of current Sustainable Design and Development Policy Update (Environmental and Energy Performance). At least five percent of these units will be accessible or readily and easily modifiable for use by persons with disabilities. 54 Dwelling Units will be lost due to modernizing during renovation.</p> <p><u>PROJECT:</u> Whole neighborhood revitalization of 108 Family quarters consisting of Junior Non-Commissioned Officer quarters (JNCO) (54 three-bedroom, and 54 four-bedroom units) including upgrading neighborhood amenities and supporting infrastructure, all too current standards. (Current Mission)</p> <p><u>REQUIREMENT:</u> Project is required to support US Army force structure in Germany regardless of whether 4 BCTs, 3BCTs or 2 BCTs are retained. This project will improve existing Family housing conditions and to conform to adequate standards of size, safety, energy conservation and create a viable community housing development at an enduring installation. This neighborhood will provide Soldiers and Families an equivalent housing standard as that provided to CONUS based Soldiers.</p> <p><u>CURRENT SITUATION:</u> Existing nine (9) multi-story undersized apartment buildings contain 18 apartments each, total of 162 units, and consist of 54 two-bedroom units at 89 GSM (870 NSF), 81% of JNCO standard 110 GSM (1,080 NSF); 54 three-bedroom units at 109 GSM (1,070 NSF), 82% of JNCO standard 134 GSM (1,310 NSF); and 54 four-bedroom units at 128 GSM (1,250 NSF), 80% of JNCO standard 159 GSM (1,560 NSF). These various units have only one bathroom and all share basement laundry facilities. These 50 year old stairwell buildings have had no major renovation work done since the mid '80's. As currently configured, these buildings do not provide adequate protection from terrorism.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, service members will continue to reside in inadequate and undersized housing that will continue to deteriorate and consume increased maintenance and energy costs. This adversely affects the health, safety and quality of life of the Soldiers and their Families.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive</p> | | |

| | | |
|---|--|-------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE FEB 2011 |
| 3. INSTALLATION AND LOCATION Storck Barracks, Germany (Germany Various) | | |
| 4. PROJECT TITLE Family Housing Improvements | 5. PROJECT NUMBER 78841 | |
| <p>ADDITIONAL: (CONTINUED)</p> <p>Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p> <p><u>NATO SECURITY INVESTMENT:</u> This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.</p> <p>Construction Contract Award Date: FEB 2012 Construction Start Date: MAR 2012 Construction Completion Date: MAR 2014</p> | | |

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| 1. COMPONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE FEB 2011 | |
| 3. INSTALLATION AND LOCATION Storck Barracks Germany (Germany Various) | | | | 4. PROJECT TITLE Family Housing Improvements | | |
| 5. PROGRAM ELEMENT 88742A | | 6. CATEGORY CODE 711 | 7. PROJECT NUMBER 79097 | | 8. PROJECT COST (\$000) Auth 40,000 Approp 40,000 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| <u>PRIMARY FACILITY</u> | | | | | | 28,435 |
| Renovate 3 BR JNCO Units | | FA | 48 -- | | 246,000 | (11,808) |
| Renovate 4 BR JNCO Units | | FA | 48 -- | | 305,400 | (14,659) |
| SDD and EPAct05 | | LS | -- | | -- | (1,901) |
| Building Information Systems | | LS | -- | | -- | (67) |
| <u>SUPPORTING FACILITIES</u> | | | | | | 7,320 |
| Electric Service | | LS | -- | | -- | (2,120) |
| Water, Sewer, Gas | | LS | -- | | -- | (650) |
| Steam And/Or Chilled Water Dist | | LS | -- | | -- | (450) |
| Paving, Walks, Curbs & Gutters | | LS | -- | | -- | (850) |
| Storm Drainage | | LS | -- | | -- | (1,250) |
| Site Imp(1,450) Demo() | | LS | -- | | -- | (1,450) |
| Antiterrorism Measures | | LS | -- | | -- | (350) |
| Information Systems | | LS | -- | | -- | (200) |
| ESTIMATED CONTRACT COST | | | | | | 35,755 |
| CONTINGENCY (5.00%) | | | | | | 1,788 |
| SUBTOTAL | | | | | | 37,543 |
| SUPV, INSP & OVERHEAD (6.50%) | | | | | | 2,440 |
| TOTAL REQUEST | | | | | | 39,983 |
| TOTAL REQUEST (ROUNDED) | | | | | | 40,000 |
| INSTALLED EQT-OTHER APPROP | | | | | | (0) |
| 10. Description of Proposed Construction Provides whole neighborhood revitalization of 96 Family quarters consisting of Junior Non-Commissioned Officer quarters (JNCO) (48 three-bedroom, and 48 four-bedroom units) in eight multi-story stairwell apartment buildings. Project includes reconfiguration of 144 under-sized dwelling units into 96 adequately sized JNCO Family housing apartments. Renovations provide: deteriorated building components replacement, floor plan reconfiguration to increase unit size (right-sizing), fire protection and energy conservation improvements, compliance with Force Protection Criteria as pertaining to Stairwell Army Family Housing (AFH) units, and quality of life features such as balconies and covered parking. Work includes: fire alarm/sprinkler systems; common stairwell area renovation; private laundry in all apartments; restoration of existing kitchens and baths or replacement of those displaced by reconfiguration and still required (to include adding a second bathroom where required); alteration of heating, interior plumbing, electrical, TV, telephone, interior partitions, closets, and doors; repairs in basement areas and storage rooms; repairing as necessary failed and failing gutters, downspouts and roof tiles, exterior insulation, plaster and paint, selected plumbing, electrical systems and other support systems. Project includes removal of asbestos, lead-based paint and polycyclic aromatic hydrocarbons (PAH) when encountered on the interior of the buildings. | | | | | | |

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| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE FEB 2011 |
| 3. INSTALLATION AND LOCATION Storck Barracks, Germany (Germany Various) | | |
| 4. PROJECT TITLE Family Housing Improvements | 5. PROJECT NUMBER 79097 | |
| <p><u>DESCRIPTION OF PROPOSED CONSTRUCTION:</u> (CONTINUED)</p> <p>Supporting facility work involves addition of recreational facilities, exterior flammable storage and trash enclosures, upgrading electrical, water, and sewer utility distribution systems, upgrade landscaping, playgrounds, and provide two off street parking spaces per unit, all in accordance with the local Housing Community Plan. Design and construction includes requirements of current Sustainable Design and Development Policy Update (Environmental and Energy Performance). At least five percent of these units will be accessible or readily and easily modifiable for use by persons with disabilities. 48 Dwelling Units will be lost due to modernizing during renovation.</p> <p><u>PROJECT:</u> Whole neighborhood revitalization of 96 Family quarters consisting of Junior Non-Commissioned Officer quarters (JNCO) (48 three-bedroom, and 48 four-bedroom units) including upgrading neighborhood amenities and supporting infrastructure, all too current standards. (Current Mission)</p> <p><u>REQUIREMENT:</u> Project is required to support US Army force structure in Germany regardless of whether 4 BCTs, 3BCTs or 2 BCTs are retained. This project will improve existing Family housing conditions and to conform to adequate standards of size, safety, energy conservation and create a viable community housing development at an enduring installation. This neighborhood will provide Soldiers and Families an equivalent housing standard as that provided to CONUS based Soldiers.</p> <p><u>CURRENT SITUATION:</u> Existing eight (8) multi-story undersized apartment buildings contain 18 apartments each, total of 144 units, and consist of 48 two-bedroom units at 89 GSM (870 NSF), 81% of JNCO standard 110 GSM (1,080 NSF); 48 three-bedroom units at 109 GSM (1,070 NSF), 82% of JNCO standard 134 GSM (1,310 NSF); and 48 four-bedroom units at 128 GSM (1,250 NSF), 80% of JNCO standard 159 GSM (1,560 NSF). These various units have only one bathroom and all share basement laundry facilities. These 50 year old stairwell buildings have had no major renovation work done since the mid '80's. As currently configured, these buildings do not provide adequate protection from terrorism.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, service members will continue to reside in inadequate and undersized housing that will continue to deteriorate and consume increased maintenance and energy costs. This adversely affects the health, safety and quality of life of the Soldiers and their Families.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive</p> | | |

| | | |
|---|--|-------------------------|
| 1. COMPONENT ARMY | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE FEB 2011 |
| 3. INSTALLATION AND LOCATION Storck Barracks, Germany (Germany Various) | | |
| 4. PROJECT TITLE Family Housing Improvements | 5. PROJECT NUMBER 79097 | |
| <p>ADDITIONAL: (CONTINUED)</p> <p>Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p> <p><u>NATO SECURITY INVESTMENT:</u> This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.</p> <p>Construction Contract Award Date: FEB 2012 Construction Start Date: MAR 2012 Construction Completion Date: MAR 2014</p> | | |

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing

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DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
PLANNING AND DESIGN

(\$ in Thousands)

| | |
|------------------------------------|---------|
| FY 2012 Budget Request | \$7,897 |
| FY 2011 Current Estimate | \$2,040 |
| FY 2011 President's Budget Request | \$2,040 |

PURPOSE AND SCOPE

This program provides funding for preparing working drawings, specifications, cost estimates, project planning reports, final design drawings and reviews of construction proposals. Also included are architectural and engineering services supporting new or post acquisition construction projects and costs incurred in developing requests for project proposals. These funds are also used to plan and design future Family housing new and post-acquisition construction, as well as energy conservation projects.

Authorization and Appropriation Request

Authorization requested for \$7,897,000 and appropriation requested for \$7,897,000 in FY 2012 to fund Family housing construction planning and design activities excluding Military Housing Privatization Initiative (MHPI).

PROGRAM SUMMARY

These funds are required for accomplishment of final design and correction, review, reproduction and advertisement of projects in the FY 2012 program; for advancement to final design of projects in FY 2013 and for initiation of design of projects in FY 2014. This funding also provides for studies and updating construction standards and criteria.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing

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|--|--|--|---------------------------|---------------------------------------|--|------------------|
| 1.COMONENT ARMY | | FY 2012 MILITARY CONSTRUCTION PROJECT DATA | | | 2.DATE FEB 2011 | |
| 3.INSTALLATION AND LOCATION Planning and Design Worldwide Various | | | | 4.PROJECT TITLE Family Housing P&D | | |
| 5.PROGRAM ELEMENT 88742A | | 6.CATEGORY CODE 711 | 7.PROJECT NUMBER 66727 | | 8.PROJECT COST (\$000) Auth 7,897 Approp 7,897 | |
| 9.COST ESTIMATES | | | | | | |
| ITEM | | UM (M/E) | QUANTITY | | UNIT COST | COST (\$000) |
| PRIMARY FACILITY Planning & Design | | LS | -- | | -- | 7,897 (7,897) |
| SUPPORTING FACILITIES | | | | | | |
| ESTIMATED CONTRACT COST | | | | | | 7,897 |
| CONTINGENCY (.00 %) | | | | | | 0 |
| SUBTOTAL | | | | | | 7,897 |
| SUPV, INSP & OVERHEAD (.00 %) | | | | | | 0 |
| TOTAL REQUEST | | | | | | 7,897 |
| TOTAL REQUEST (ROUNDED) | | | | | | 7,897 |
| INSTALLED EQT-OTHER APPROP | | | | | | (0) |
| 10.Description of Proposed Construction Provides for parametric, concept and final design of Family housing new and post-acquisition projects; associated surveys; value engineering; and development of standards and criteria for Army Family housing facilities and properties. <u>PROJECT:</u> Planning and design funding for Family housing. <u>REQUIREMENT:</u> This funding is required to provide for Architect-Engineer (A-E) services for site surveys and preparation of designs and specifications for the Army Family housing construction program, including value engineering, and continued development of design criteria, standards, specifications and technical manuals. Funds will be used by the US Army Corps of Engineers (USACE) for in-house designs, A-E contracts, and administrative support functions. These funds are required for accomplishment of final design and correction, review, reproduction and advertisement of projects in the FY 2012 program; for advancement to final design of projects in FY 2013 and for initiation of design of projects in FY 2014. <u>IMPACT IF NOT PROVIDED:</u> If these funds are not provided, development of Family housing new and post-acquisition Family housing projects will not be accomplished, preventing execution of the FY 2012, 2013 and 2014 construction programs. | | | | | | |

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing

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DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
OPERATIONS, MAINTENANCE, AND UTILITIES

(\$ in Thousands)

| | |
|------------------------------------|-----------|
| FY 2012 Budget Request | \$264,691 |
| FY 2011 Current Estimate | \$287,897 |
| FY 2011 President's Budget Request | \$287,897 |

PURPOSE AND SCOPE

1. Operation Accounts. The Operation accounts portion of the program provides for expenses in the following sub-accounts and includes both direct and indirect support for operations, maintenance, and utilities for government-owned, government-operated Family housing units, as applicable:

a. Management – Provides resources for Family housing management, installation administrative support and for services provided by Housing Services Offices (HSO) to provide information to place Families in local community housing. It also includes housing requirement surveys, condition assessments of existing housing, and development of Family housing construction and repair projects. The Management account provides for the operation of the Enterprise Military Housing (eMH) system that supports effective housing management and for personnel costs for those Army employees staffing the HSO at all locations, including privatized housing locations.

b. Services – Provides basic installation service support functions such as refuse collection and disposal, insect and pest control, snow removal and street cleaning, and the Family housing proportional share of fire and police protection.

c. Furnishings – Provides for procurement, management, control, moving and handling of furnishings and household equipment, maintenance, repair, and replacement of existing furnishings and equipment inventory at all locations, including privatized housing locations.

d. Miscellaneous – Provides payments to non-Department of Defense federal agencies for Family housing units occupied by Army personnel.

2. Maintenance Account. The Maintenance account provides funding for the following activities required to maintain Family housing real property assets:

a. Recurring Maintenance & Repair (M&R) – Includes service calls, interior and exterior painting, between occupancy maintenance, and minor M&R work.

b. Major Maintenance and Repair – Major M&R work continues our revitalization program to extend the useful life of the quarters, reduce future maintenance and utility costs, and increase occupancy in the out years. This account also provides for repairs and improvements to extend the useful life of foreign units retained in service longer than initially programmed.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
OPERATIONS, MAINTENANCE, AND UTILITIES (Continued)

c. Exterior Utilities – Includes costs for M&R of sewer and water lines, primary and secondary electric lines, and other exterior utilities used exclusively by Family housing.

d. M&R, Other Real Property – Includes work on grounds, surfaced areas, playgrounds, and other real property serving Family housing.

e. Alterations & Additions – Includes low-cost incidental (minor) improvements not to exceed \$3,000 per dwelling unit. This work is normally performed concurrently with maintenance and repair projects and includes modifications to quarters to meet the needs of exceptional Family members.

3. Utilities Account. The Utilities account includes the costs of heat, air conditioning, electricity, water, and sewage for Family housing units.

PROGRAM SUMMARY

Authorization and appropriation are requested for \$264,691,000 for FY 2012. This amount, together with estimated reimbursements of \$18,000,000, will fund the Operation, Utilities, and Maintenance program at \$282,691,000. A summary follows:

| <u>(\$ in Thousands)</u> | | | | | |
|--------------------------|--------------------|------------------|-------------------------|----------------------------|--------------------------|
| <u>Operation</u> | <u>Maintenance</u> | <u>Utilities</u> | <u>Total Direct</u> | <u>Reimburse- ment</u> | <u>Total Program</u> |
| 85,386 | 105,668 | 73,637 | 264,691 | 18,000 | 282,691 |

EXHIBIT FH-2 SUMMARY

Operational requirements are a function of the annual cost-per-unit of supported installations. In general, it is less expensive to operate Family housing at installations in the US, as compared to those in foreign countries. In FY 2011, the foreign inventory will represent 91.6 percent of the average Army-owned inventory. By FY 2012, the foreign inventory will represent 94.3 percent of the average Army-owned inventory.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
OPERATIONS, MAINTENANCE, AND UTILITIES (Continued)

Family Housing Operations and Maintenance Reprogramming Actions
Fiscal Year 2010

| Account | FY 2010 | FY 2010 DD | FY 10 BLW | Percent Repro- grammed | FY 2010 End |
|-----------------------|----------------|---------------|--------------|---------------------------|----------------|
| | Appropriation | 1415 RPG | THD RPG | | of Year |
| | (\$000) | (\$000) | | | (\$000) |
| Utilities | 81,650 | 3,600 | 6,955 | 13% | 92,205 |
| Operations | 88,440 | | 3,750 | 4% | 92,190 |
| Management | 49,744 | | 2,726 | 5% | 52,470 |
| Services | 16,325 | | (430) | -3% | 15,895 |
| Furnishings | 21,194 | | 2,068 | 10% | 23,262 |
| Miscellaneous | 1,177 | | (614) | -52% | 563 |
| Leasing | 205,685 | (7,216) | (11,318) | -9% | 187,151 |
| Maintenance | 115,854 | | 2,234 | 2% | 118,088 |
| Adjustments | | | | | |
| Privatization Support | 31,789 | | (1,621) | -5% | 30,167 |
| FCF | | 28,186 | | | 28,186 |
| Total | 523,418 | 24,570 | - | | 547,987 |

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
OPERATION, MAINTENANCE, AND UTILITIES (Continued)
OPERATION AND MAINTENANCE, SUMMARY (WORLDWIDE)
Excludes Leased & Privatized Units and Costs

| A. INVENTORY DATA | FY 2010 CURRENT ESTIMATE | | FY 2011 BUDGET REQUEST | | FY 2012 BUDGET ESTIMATE | |
|-------------------------------------|-----------------------------|-----------------------|---------------------------|-----------------------|----------------------------|-----------------------|
| INVENTORY BEGINNING OF YEAR | 19,275 | | 17,169* | | 16,253 | |
| INVENTORY END OF YEAR | 17,169 | | 16,253 | | 16,227 | |
| EFFECTIVE AVERAGE INVENTORY | 17,656 | | 17,153 | | 16,240 | |
| a. HISTORIC UNITS | 459 | | 279 | | 115 | |
| UNITS REQUIRING O&M FUNDING: | | | | | | |
| a. CONUS | 1,707 | | 1,470 | | 637 | |
| b. Foreign | 15,099 | | 15,134 | | 15,128 | |
| c. Worldwide | 16,806 | | 16,603 | | 15,765 | |
| B. FUNDING REQUIREMENT | UNIT COST (\$) | TOTAL COST (\$000) | UNIT COST (\$) | TOTAL COST (\$000) | UNIT COST (\$) | TOTAL COST (\$000) |
| 1. OPERATION | | | | | | |
| a. Management | 2,970 | 52,430 | 2,870 | 49,222 | 3,390 | 55,061 |
| b. Services | 900 | 15,895 | 896 | 15,372 | 975 | 15,826 |
| c. Furnishings | 1,316 | 23,242 | 1,839 | 31,548 | 882 | 14,321 |
| d. Miscellaneous | N/A | 563 | N/A | 1,201 | N/A | 605 |
| SUBTOTAL - OPERATION | 5,186 | 92,130 | 5,605 | 97,343 | 5,247 | 85,813 |
| 2. UTILITIES | 5,227 | 92,283 | 4,061 | 69,655 | 4,608 | 74,837 |
| 3. MAINTENANCE | | | | | | |
| a. Annual Recurring M&R | 3,261 | 57,572 | 2,869 | 49,214 | 2,692 | 43,713 |
| b. Major M&R Projects | 3,865 | 68,248 | 3,294 | 56,495 | 3,090 | 50,181 |
| c. Exterior Utilities | 240 | 4,240 | 216 | 3,713 | 203 | 3,298 |
| d. M&R, Other Real Prop. | 646 | 11,410 | 550 | 9,436 | 516 | 8,381 |
| e. Alts. & Additions | 140 | 2,474 | 119 | 2,041 | 112 | 1,814 |
| SUBTOTAL MAINTENANCE | 8,153 | 143,944 | 7,048 | 120,899 | 6,613 | 107,387 |
| Foreign Currency Adjustments | N/A | 28,187 | | | | |
| 4. APPROPRIATION | 18,566 | 356,544 | 16,714 | 287,897 | 16,467 | 268,037 |
| 5. REIMBURSABLE PROGRAM | 21,176 | 18,000 | 32,727 | 18,000 | 37,895 | 18,000 |
| 6. TOTAL O&M PROGRAM | 21,213 | 374,544 | 17,833 | 305,897 | 17,613 | 286,037 |

*Amount includes Fort McPherson (112), Fort Monmouth (551), & Fort Monroe (284) to be closed due to BRAC.

EXHIBIT FH-2

DEPARTMENT OF ARMY
 Fiscal Year (FY) 2012 Budget Estimate
 Army Family Housing
 OPERATION, MAINTENANCE, AND UTILITIES (Continued)
 OPERATION AND MAINTENANCE, SUMMARY -- U.S. (incl. Alaska and Hawaii)
Excludes Leased & Privatized Units and Costs

| A. INVENTORY DATA | FY 2010 CURRENT ESTIMATE | | FY 2011 BUDGET REQUEST | | FY 2012 BUDGET ESTIMATE | |
|---------------------------------|-----------------------------|-----------------------|---------------------------|-----------------------|----------------------------|-----------------------|
| INVENTORY BEGINNING OF YEAR | 4,003 | | 1,843* | | 912 | |
| INVENTORY END OF YEAR | 1,843 | | 912 | | 912 | |
| EFFECTIVE AVERAGE INVENTORY | 2,357 | | 1,820 | | 912 | |
| a. HISTORIC UNITS | 459 | | 279 | | 115 | |
| UNITS REQUIRING O&M FUNDING: | 1,707 | | 1,470 | | 637 | |
| B. FUNDING REQUIREMENT | UNIT COST (\$) | TOTAL COST (\$000) | UNIT COST (\$) | TOTAL COST (\$000) | UNIT COST (\$) | TOTAL COST (\$000) |
| 1. OPERATION | | | | | | |
| a. Management | 15,265 | 26,058 | 16,287 | 23,935 | 42,124 | 26,833 |
| b. Services | 1,006 | 1,717 | 730 | 1,073 | 1,336 | 851 |
| c. Furnishings | 641 | 1,095 | 273 | 401 | 816 | 520 |
| d. Miscellaneous | N/A | 563 | N/A | 1,201 | N/A | 605 |
| SUBTOTAL - OPERATION | 17,243 | 29,433 | 18,108 | 26,610 | 45,226 | 28,809 |
| 2. UTILITIES | 8,398 | 14,336 | 7,295 | 10,721 | 13,959 | 8,892 |
| 3. MAINTENANCE | | | | | | |
| a. Annual Recurring M&R | 4,037 | 6,890 | 3,261 | 4,792 | 7,764 | 4,946 |
| b. Major M&R Projects | 4,729 | 8,072 | 3,743 | 5,501 | 8,913 | 5,677 |
| c. Exterior Utilities | 331 | 565 | 246 | 362 | 586 | 373 |
| d. M&R, Other Real Prop. | 774 | 1,321 | 625 | 919 | 1,489 | 949 |
| e. Alts. & Additions | 182 | 310 | 135 | 199 | 322 | 205 |
| SUBTOTAL MAINTENANCE | 10,052 | 17,159 | 8,011 | 11,772 | 19,074 | 12,150 |
| 4. APPROPRIATION | 35,693 | 60,928 | 33,414 | 49,103 | 78,259 | 49,851 |
| 5. REIMBURSABLE PROGRAM | 20,000 | 13,000 | 37,143 | 13,000 | 36,364 | 10,000 |
| 6. TOTAL O&M PROGRAM | 31,365 | 73,928 | 34,131 | 62,103 | 65,626 | 59,851 |

*Amount includes Fort McPherson (112), Fort Monmouth (551), & Fort Monroe (284) to be closed due to BRAC.

EXHIBIT FH-2

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
OPERATIONS, MAINTENANCE, AND UTILITIES (Continued)
OPERATIONS AND MAINTENANCE, SUMMARY -- FOREIGN (incl. U.S. territories)
Excludes Leased & Privatized Units and Costs

| A. INVENTORY DATA | FY 2010 CURRENT ESTIMATE | | FY 2011 BUDGET REQUEST | | FY 2012 BUDGET ESTIMATE | |
|-------------------------------------|-----------------------------|-----------------------|---------------------------|-----------------------|----------------------------|-----------------------|
| INVENTORY BEGINNING OF YEAR | 15,275 | | 15,180 | | 15,150 | |
| INVENTORY END OF YEAR | 15,180 | | 15,150 | | 14,986 | |
| EFFECTIVE AVERAGE INVENTORY | 15,228 | | 15,167 | | 15,069 | |
| a. HISTORIC UNITS | 0 | | 0 | | 0 | |
| UNITS REQUIRING O&M FUNDING: | 14,367 | | 14,541 | | 14,543 | |
| B. FUNDING REQUIREMENT | UNIT COST (\$) | TOTAL COST (\$000) | UNIT COST (\$) | TOTAL COST (\$000) | UNIT COST (\$) | TOTAL COST (\$000) |
| 1. OPERATION | | | | | | |
| a. Management | 1,836 | 26,372 | 1,739 | 25,287 | 1,928 | 28,034 |
| b. Services | 987 | 14,178 | 983 | 14,299 | 1,028 | 14,947 |
| c. Furnishings | 1,542 | 22,147 | 2,142 | 31,147 | 945 | 13,738 |
| d. Miscellaneous | N/A | - | N/A | - | N/A | - |
| SUBTOTAL - OPERATION | 4,364 | 62,697 | 4,864 | 70,733 | 3,900 | 56,719 |
| 2. UTILITIES | 5,425 | 77,947 | 4,053 | 58,934 | 4,453 | 64,764 |
| 3. MAINTENANCE | | | | | | |
| a. Annual Recurring M&R | 3,666 | 52,672 | 3,055 | 44,422 | 2,619 | 38,087 |
| b. Major M&R Projects | 4,209 | 60,466 | 3,507 | 50,994 | 3,006 | 43,722 |
| c. Exterior Utilities | 277 | 3,974 | 230 | 3,351 | 198 | 2,873 |
| d. M&R, Other Real Prop. | 703 | 10,099 | 586 | 8,517 | 502 | 7,302 |
| e. Alts. & Additions | 152 | 2,184 | 127 | 1,842 | 109 | 1,581 |
| SUBTOTAL MAINTENANCE | 9,006 | 129,395 | 7,505 | 109,127 | 6,434 | 93,565 |
| Foreign Currency Adjustments | N/A | 28,187 | | | | |
| 4. APPROPRIATION | 18,796 | 298,226 | 16,422 | 238,794 | 14,787 | 215,048 |
| 5. REIMBURSABLE PROGRAM | 5,807 | 5,000 | 7,987 | 5,000 | 15,209 | 8,000 |
| 6. TOTAL O&M PROGRAM | 19,912 | 303,226 | 16,074 | 243,794 | 14,802 | 223,048 |

DEPARTMENT OF ARMY
 Fiscal Year (FY) 2012 Budget Estimate
 Army Family Housing
 OPERATION, MAINTENANCE, AND UTILITIES (Continued)
 FOREIGN CURRENCY EXCHANGE DATA
 (\$ in Thousands)

| Country | FY 2010 | | FY 2011 | | FY 2012 | |
|----------------|------------------------------------|------------------------------|------------------------------------|------------------------------|------------------------------------|------------------------------|
| | U.S. \$ Requiring Conversion | Budget Execution Rates | U.S. \$ Requiring Conversion | Budget Execution Rates | U.S. \$ Requiring Conversion | Budget Execution Rates |
| Denmark | - | - | - | - | - | - |
| Euro | 250,260 | 0.7737 | 260,583 | 0.7212 | 236,823 | 0.7491 |
| Japan | 7,538 | 108.9969 | 8,172 | 101.9517 | 8,845 | 91.3000 |
| Norway | - | - | - | - | - | - |
| Singapore | - | - | - | - | - | - |
| South Korea | 34,716 | 915.7080 | 38,717 | 1,149.5059 | 53,762 | 1,099.5200 |
| Turkey | - | - | - | - | - | - |
| United Kingdom | - | - | - | - | - | - |
| TOTAL | 292,514 | | 307,472 | | 299,430 | |

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DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing

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DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
OPERATION ACCOUNT

(\$ in Thousands)

| | |
|------------------------------------|----------|
| FY 2012 Budget Request | \$85,386 |
| FY 2011 Current Estimate | \$97,343 |
| FY 2011 President's Budget Request | \$97,343 |

Budget Methodology

The Operation account includes four sub-accounts: management, services, furnishings, and a small miscellaneous account. All Operation sub-accounts are considered "must pay accounts" based on actual bills that must be paid to manage and operate Family housing. All changes due to joint basing were incorporated in FY 2011. There is a slight decrease in Army-owned and supported inventory from FY 2011 to FY 2012.

The Management sub-account is estimated based on historic expenditures that have been adjusted for non-pay inflation and for changes to foreign currency exchange rates. Programmatic adjustments to the budget estimate include an increase to the average pay rate for garrison staff.

The Services sub-account provides police and fire protection, trash pickup and other municipal functions and is estimated based on historic, per-unit expenditures that have been adjusted for non-pay inflation and for changes to foreign currency exchange rates.

The Furnishings sub-account is estimated based on historic regional expenditures that have been adjusted for non-pay inflation and for changes to foreign currency exchange rates.

The Miscellaneous sub-account is based on anticipated interagency reimbursement (Department of Defense to Department of Transportation) for housing provided to Army personnel by the U.S. Coast Guard. It has been adjusted downward for FY 2012 to account for a re-assessment of the Army's need for this housing.

Summary of Primary Adjustments in FY 2012 Budget

The FY 2012 requirement reflects a steadying of the Army-owned Family housing inventory, after years of declining inventory due to transfers for privatization, BRAC and joint-basing.

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DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing

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DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
OPERATION ACCOUNT
MANAGEMENT SUB-ACCOUNT

(\$ in Thousands)

| | |
|------------------------------------|----------|
| FY 2012 Budget Request | \$54,728 |
| FY 2011 Current Estimate | \$49,222 |
| FY 2011 President's Budget Request | \$49,222 |

The management sub-account provides funding for the continued requirement of salaries, referral services, housing requirements analysis, and project planning. Pricing adjustments in the Exhibit OP-5 are based on OSD prescribed non-pay inflation and currency factors. The overall FY 2012 Management sub-account budget estimate is increased from the FY 2011 budget request due to non-pay inflation and currency fluctuation factors. Also, there is a programmatic adjustment to correct average pay rate per authorized person on garrison staff that incorporates changes caused by the mandated end of National Security Personnel System (NSPS).

All Army installations continue to require a housing staff to provide housing services related to the community (e.g., referrals to private sector housing, deposit waiver, and community liaison). This workforce supports military personnel with their housing requirements, regardless of whether they are seeking on-post, privatized or community housing. Even installations that have privatized their on-post Family housing continue to require this post-privatization housing staff to provide these other housing services unrelated to privatization.

The Management sub-account is affected by the Status of Forces Agreements (SOFA) the U.S. has with European nations which permit foreign national personnel to remain on the payroll for more than a year after the Department of Army announces closure of garrisons. This requirement to continue to pay personnel at closed garrisons prevents immediate payroll cost savings in the Management sub-account.

EFFECT OF PRIVATIZATION

The Army's scheduled program of Family housing privatization has been fulfilled with the final transfer of Army-owned units. There should be no additional effects due to privatization.

DEPARTMENT OF ARMY
 Fiscal Year (FY) 2012 Budget Estimate
 Army Family Housing
 OPERATIONS
MANAGEMENT SUB-ACCOUNT
 RECONCILIATION OF INCREASES AND DECREASES
 EXHIBIT OP-5

| | \$ In Thousands |
|---|-----------------|
| 1. FY 2011 President Budget Request | 49,222 |
| 2. FY 2011 Current Estimate | 49,222 |
| 3. Price Adjustments: | -918 |
| a. Non-Pay Inflation | 221 |
| b. Currency Fluctuation Adjustment | -1,139 |
| 4. Program Adjustments: Correction to average pay rate per authorized person at garrison housing staff | 5,285 |
| 5. FY 2012 President's Budget Request | 54,728 |

DEPARTMENT OF ARMY
 Fiscal Year (FY) 2012 Budget Estimate
 Army Family Housing
 OPERATION ACCOUNT
 SERVICES SUB-ACCOUNT

(\$ in Thousands)

| | |
|------------------------------------|----------|
| FY 2012 Budget Request | \$15,797 |
| FY 2011 Current Estimate | \$15,372 |
| FY 2011 President's Budget Request | \$15,372 |

The FY 2012 request is based on the required level of support for refuse collection, street cleaning, snow removal, police and fire protection, entomology, pest control, and custodial services. Pricing adjustments in the Exhibit OP-5 are based on OSD prescribed non-pay, fuel inflation, and currency fluctuation factors. As with other Family housing programs, the Services account is most affected by changes in inventory.

EFFECT OF PRIVATIZATION

The Army's scheduled program of Family housing privatization has been fulfilled with the final transfer of Army-owned units. There should be no additional effects due to privatization.

DEPARTMENT OF ARMY
 Fiscal Year (FY) 2012 Budget Estimate
 Army Family Housing
 OPERATION ACCOUNT
SERVICES SUB-ACCOUNT
 RECONCILIATION OF INCREASES AND DECREASES
 EXHIBIT OP-5

| | | \$ In Thousands |
|--|-------|-----------------|
| 1. FY 2011 President Budget Request | | 15,372 |
| 2. FY 2011 Current Estimate | | 15,372 |
| 3. Price Adjustments: Non-Pay Inflation | | -114 |
| a. Non-Pay Inflation | 219 | |
| b. Fuel Inflation | 23 | |
| c. Currency Fluctuation Adjustments | -356 | |
| 4. Program Adjustments: | | 539 |
| a. Inventory decrease due to installations closure | -818 | |
| b. Increase support extended use of foreign units | 1,357 | |
| 5. FY 2012 President's Budget Request | | 15,797 |

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
OPERATION ACCOUNT
FURNISHINGS SUB-ACCOUNT

| (\$ in Thousands) | |
|------------------------------------|----------|
| FY 2012 Budget Request | \$14,256 |
| FY 2011 Current Estimate | \$31,548 |
| FY 2011 President's Budget Request | \$31,548 |

The furnishings sub-account is used for procuring, controlling, managing, moving and handling, maintaining, and repairing household equipment (i.e. refrigerators, ranges, and where authorized, washers and dryers). In overseas and foreign locations, added furniture items (e.g., beds, tables, and dressers) are authorized.

Pricing adjustments in the Exhibit OP-5 for this account are based on OSD prescribed non-pay and fuel inflation and currency fluctuation factors. There is a large programmatic adjustment to account for a significant reduction of the furnishings purchase in Korea, because units are not expected to increase as quickly as had been originally expected. Also, there is a smaller adjustment to add some replacement furnishings in Europe.

EFFECT OF PRIVATIZATION

The Army's scheduled program of Family housing privatization has been fulfilled with the final transfer of Army-owned units. There should be no additional effects due to privatization.

February 2011

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
OPERATION ACCOUNT
FURNISHINGS SUB-ACCOUNT
RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

| | | \$ In Thousands |
|---|---------|-----------------|
| 1. FY 2011 President Budget Request | | 31,548 |
| 2. FY 2011 Current Estimate | | 31,548 |
| 3. Price Adjustments: | | -67 |
| a. Non-Pay Inflation | 284 | |
| c. Fuel Inflation | 379 | |
| d. Currency Fluctuation Adjustments | -730 | |
| 4. Program Adjustments: | | -17,225 |
| a. Reduction in furnishings purchase in Korea | -17,776 | |
| b. Replacement furnishings in Europe | 551 | |
| 5. FY 2012 President's Budget Request | | 14,256 |

DEPARTMENT OF ARMY
 Fiscal Year (FY) 2012 Budget Estimate
 Army Family Housing
 OPERATION ACCOUNT
 MISCELLANEOUS SUB-ACCOUNT

(\$ in Thousands)

| | |
|------------------------------------|---------|
| FY 2012 Budget Request | \$605 |
| FY 2011 Current Estimate | \$1,201 |
| FY 2011 President's Budget Request | \$1,201 |

The Miscellaneous sub-account includes funds for payment to non-Department of Defense agencies for housing provided to soldiers. The FY 2012 request will fund payments for housing provided by the U.S. Coast Guard for Army Families in California, Massachusetts, and Puerto Rico. The decrease from FY 2011 to FY 2012 is significant only as a percentage of this relatively modest sub-account. Program decreases reflect the reduction of the number of rental units.

EFFECT OF PRIVATIZATION

The Army's scheduled program of Family housing privatization has been fulfilled with the final transfer of Army-owned units. There should be no additional effects due to privatization.

February 2011

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
OPERATION ACCOUNT
MISCELLANEOUS SUB-ACCOUNT
RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

\$ In Thousands

| | |
|---|--------------|
| 1. FY 2011 President Budget Request | 1,201 |
| 2. FY 2011 Current Estimate | 1,201 |
| 3. Program Adjustments: Dimished use of Coast Guard Housing | -596 |
| 4. FY 2012 President's Budget Request | 605 |

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
MAINTENANCE AND REPAIR ACCOUNT

| (\$ in Thousands) | |
|------------------------------------|-----------|
| FY 2012 Budget Request | \$105,668 |
| FY 2011 Current Estimate | \$120,899 |
| FY 2011 President's Budget Request | \$120,899 |

Maintenance and Repair (M&R) requirements are computed using Departmental cost factors provided by the DoD Facilities Sustainment Model (FSM). Factors are established based on costs per square foot for dwelling units at the installation level and then adjusted to budget year estimates by applying non-pay inflation, and currency fluctuation factors. The resulting average per square footage requirement yields annual recurring and major M&R costs.

The Army maintains an inventory valued at approximately \$5.6 billion as measured by replacement costs. Ensuring that these facilities can be continuously occupied requires sound property management and timely recurring maintenance for preservation and protection of this major investment.

The program decrease reflects the reduction of inventory in the U.S. and initial reduction of expenses on foreign inventory in anticipation of installation closures.

EFFECT OF PRIVATIZATION

The Army's scheduled program of Family housing privatization has been fulfilled with the final transfer of Army-owned units. There should be no additional effects due to privatization.

DEPARTMENT OF ARMY
 Fiscal Year (FY) 2012 Budget Estimate
 Army Family Housing
MAINTENANCE AND REPAIR
 RECONCILIATION OF INCREASES AND DECREASES
 EXHIBIT OP-5

| | \$ In Thousands |
|--|-----------------|
| 1. FY 2011 President Budget Request | 120,899 |
| 2. FY 2011 Current Estimate | 120,899 |
| 3. Price Adjustments: | -984 |
| a. Non-Pay Inflation | 1,813 |
| b. Currency Fluctuation Adjustment | -2,797 |
| 4. Program Adjustments: | -14,247 |
| a. Inventory decrease due to installations closure | -6,435 |
| b. Reduced maintenance at garrisons scheduled to close at foreign areas | -7,812 |
| 5. FY 2012 President's Budget Request | 105,668 |

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (GFOQ)
ESTIMATED MAINTENANCE AND REPAIR
EXCEEDING \$35,000 PER DWELLING UNIT

The project list in this section is provided in accordance with the reporting requirement stated in Title 10 USC Sections 2831 and 2884 and Public Law 111-117, Consolidated Appropriations Act, 2010, Division E, Military Construction and Veterans Affairs and Related Agencies Appropriations Act, 2010. Information is provided regarding the anticipated costs for those GFOQ where maintenance and repair obligations in FY 2012 are expected to exceed \$35,000 per dwelling unit.

The Army's GFOQ maintenance and repair program includes government-owned and leased homes worldwide. The Army programs major maintenance and repair projects for government-owned homes that will be retained long-term. The Army continues to consider alternative uses for large and expensive GFOQ. The Army's GFOQ program for FY 2012 includes 71 GFOQ where the total maintenance and repair cost per dwelling unit exceeds \$35,000, at a total maintenance and repair cost of \$9,936,000. This total does not include maintenance and repairs costs for GFOQ which are under \$35,000 per unit. Maintenance and repair includes recurring work such as service calls, preventive maintenance and between occupancy maintenance, as well as major repairs.

The total maintenance and repair cost of \$10,328,900 includes major repairs to 35 GFOQ at a total cost of \$7,194,900. The FY 2012 program supports the Army's ongoing goal to buy-out major repairs at legacy GFOQ worldwide. For FY 2012, most of the programmed repairs are at three enduring Garrisons including Stuttgart, Germany, Fort Myer, Virginia and Fort McNair, Washington, DC. In addition, major repairs of historic GFOQ at Forts Myer and McNair continue in FY 2012 and beyond due to the need to balance project execution while simultaneously meeting ongoing housing requirements.

In historic quarters major work is coordinated with the appropriate State Historic Preservation Office. The Army has stewardship for historic dwelling units and a legal responsibility under the provisions of the National Historic Preservation Act, Public Law 89-665, as amended, to preserve and maintain these units. Many of the Army's remaining GFOQ were built prior to any Congressional size limitations and are generally larger and more expensive to maintain than more contemporary structures. Deferring required repairs will accelerate the rate of deterioration, increase the final cost of repairs and preclude compliance with Congressionally-directed preservation responsibilities.

The Army's project review and approval process eliminates unnecessary maintenance and repair. The following requested repairs are necessary to ensure that the quarters are maintained in a safe, sanitary and livable condition.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (GFOQ)
EXCEEDING \$35,000 PER DWELLING UNIT

STATE

| INSTALLATION QTRS NO. | NET SQUARE FOOTAGE | HIS- TORIC | YEAR BUILT | MAINT & REPAIRS | LEASE | NEW WORK |
|----------------------------------|-------------------------------|-----------------------|-----------------------|--------------------------------|--------------|---------------------|
|----------------------------------|-------------------------------|-----------------------|-----------------------|--------------------------------|--------------|---------------------|

DISTRICT OF COLUMBIA**Fort McNair****Quarters 1**

(PN 77928)

201 Second Avenue 3,184 Yes 1903 \$244,500 - -
Operations/Utilities/Security - \$91,100; Total O&M - \$335,600
Maintenance and repairs, including service calls - \$10,000; routine maintenance and repairs, including change of occupancy - \$25,000; interior paint - \$25,000; grounds maintenance - \$11,500; incidental improvements - \$3,000; major repair project to repair/replace floors, electrical and plumbing - \$170,000.

Quarters 2

205 Second Avenue 3,184 Yes 1903 \$69,500 - -
Operations/Utilities/Security - \$91,100; Total O&M - \$160,600
Maintenance and repairs, including service calls - \$10,000; routine maintenance and repairs, including change of occupancy - \$25,000; interior paint - \$20,000; grounds maintenance - \$11,500; incidental improvements - \$3,000.

Quarters 3

209 Second Avenue 3,184 Yes 1903 \$42,500 - -
Operations/Utilities/Security - \$86,100; Total O&M - \$128,600
Maintenance and repairs, including service calls - \$10,000; routine maintenance and repairs - \$18,000; grounds maintenance - \$11,500; incidental improvements - \$3,000.

Quarters 4

213 Second Avenue 3,169 Yes 1903 \$42,500 - -
Operations/Utilities/Security - \$86,100; Total O&M - \$128,600
Maintenance and repairs, including service calls - \$10,000; routine maintenance and repairs - \$18,000; grounds maintenance - \$11,500; incidental improvements - \$3,000.

Quarters 5

(PN 77931)

217 Second Avenue 2,876 Yes 1903 \$394,500 - -
Operations/Utilities/Security - \$91,100; Total O&M - \$485,600.
Maintenance and repairs, including service calls - \$10,000; routine maintenance and repairs, including change of occupancy - \$25,000; interior paint - \$25,000; grounds maintenance - \$11,500; incidental improvements - \$3,000; major repair project to renovate kitchen and baths including electrical and plumbing upgrade, cabinetry, and flooring - \$320,000.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (GFOQ)
EXCEEDING \$35,000 PER DWELLING UNIT

STATE

| INSTALLATION QTRS NO. | NET SQUARE FOOTAGE | HIS- TORIC | YEAR BUILT | MAINT & REPAIRS | LEASE | NEW WORK |
|----------------------------------|-------------------------------|-----------------------|-----------------------|--------------------------------|--------------|---------------------|
|----------------------------------|-------------------------------|-----------------------|-----------------------|--------------------------------|--------------|---------------------|

Fort McNair (Continued)**Quarters 6**

221 Second Avenue 2,834 Yes 1903 \$42,500 - -
Operations/Utilities/Security - \$86,100; Total O&M - \$128,600
Maintenance and repairs, including service calls - \$10,000; routine maintenance and repairs - \$18,000; grounds maintenance - \$11,500; incidental improvements - \$3,000.

Quarters 7

225 Second Avenue 4,436 Yes 1903 \$42,500 - -
Operations/Utilities/Security - \$87,500; Total O&M - \$130,000
Maintenance and repairs, including service calls - \$10,000; routine maintenance - \$18,000; grounds maintenance - \$11,500; incidental improvements - \$3,000.

Quarters 8

(PN 77934)

229 Second Avenue 4,057 Yes 1903 \$194,500 - -
Operations/Utilities/Security - \$92,500; Total O&M - \$287,000
Maintenance and repairs, including service calls - \$10,000; routine maintenance and repairs, including change of occupancy - \$25,000; interior paint - \$25,000; grounds maintenance - \$11,500; incidental improvements - \$3,000; major project to repair plumbing system - \$120,000.

Quarters 9

(PN 77935)

233 Second Avenue 4,278 Yes 1903 \$274,500 - -
Operations/Utilities/Security - \$91,100; Total O&M - \$365,600
Maintenance and repairs, including service calls - \$10,000; routine maintenance and repair including change of occupancy - \$25,000; interior paint - \$25,000; grounds maintenance - \$11,500; incidental improvements - \$3,000; repair/replace bathrooms, electric, and plumbing - \$200,000.

Quarters 10

237 Second Avenue 3,169 Yes 1903 \$42,500 - -
Operations/Utilities/Security - \$86,500; Total O&M - \$129,000
Maintenance and repairs, including service calls - \$10,000; routine maintenance and repairs - \$18,000; grounds maintenance - \$11,500; incidental improvements - \$3,000.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (GFOQ)
EXCEEDING \$35,000 PER DWELLING UNIT

STATE

| INSTALLATION QTRS NO. | NET SQUARE FOOTAGE | HIS- TORIC | YEAR BUILT | MAINT & REPAIRS | LEASE | NEW WORK |
|----------------------------------|-------------------------------|-----------------------|-----------------------|--------------------------------|--------------|---------------------|
|----------------------------------|-------------------------------|-----------------------|-----------------------|--------------------------------|--------------|---------------------|

Fort McNair (Continued)**Quarters 11**

(PN 77937)

| | | | | | | |
|-------------------|-------|-----|------|-----------|---|---|
| 241 Second Avenue | 3,169 | Yes | 1903 | \$242,500 | - | - |
|-------------------|-------|-----|------|-----------|---|---|

Operations/Utilities/Security - \$85,500; Total O&M - \$328,000
Maintenance and repairs, including service calls - \$10,000; routine maintenance and repairs - \$18,000; grounds maintenance - \$11,500; incidental improvements - \$3,000; major repair project to upgrade electrical and plumbing and cabinetry - \$200,000.

Quarters 12

| | | | | | | |
|-------------------|-------|-----|------|----------|---|---|
| 245 Second Avenue | 3,169 | Yes | 1903 | \$42,500 | - | - |
|-------------------|-------|-----|------|----------|---|---|

Operations/Utilities/Security - \$86,500; Total O&M - \$129,000
Maintenance and repairs, including service calls - \$10,000; routine maintenance and repairs - \$18,000; grounds maintenance - \$11,500; incidental improvements - \$3,000.

Quarters 13

| | | | | | | |
|-------------------|-------|-----|------|----------|---|---|
| 249 Second Avenue | 3,169 | Yes | 1903 | \$42,500 | - | - |
|-------------------|-------|-----|------|----------|---|---|

Operations/Utilities/Security - \$86,500; Total O&M - \$129,000
Maintenance and repairs, including service calls - \$10,000; routine maintenance - \$18,000; grounds maintenance - \$11,500; incidental improvements - \$3,000.

Quarters 14

| | | | | | | |
|-------------------|-------|-----|------|----------|---|---|
| 253 Second Avenue | 3,184 | Yes | 1903 | \$74,500 | - | - |
|-------------------|-------|-----|------|----------|---|---|

Operations/Utilities/Security - \$91,500; Total O&M \$166,000
Maintenance and repairs, including service calls - \$10,000; routine maintenance including change of occupancy - \$25,000; interior paint - \$25,000; grounds maintenance - \$11,500; incidental improvements - \$3,000.

Quarters 15

| | | | | | | |
|-------------------|-------|-----|------|----------|---|---|
| 257 Second Avenue | 3,169 | Yes | 1903 | \$42,500 | - | - |
|-------------------|-------|-----|------|----------|---|---|

Operations/Utilities/Security - \$86,500; Total O&M - \$129,000
Maintenance and repairs, including service calls - \$10,000; routine maintenance and repairs - \$18,000; grounds maintenance - \$11,500; incidental improvements - \$3,000.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (GFOQ)
EXCEEDING \$35,000 PER DWELLING UNIT

STATE

| INSTALLATION QTRS NO. | NET SQUARE FOOTAGE | HIS- TORIC | YEAR BUILT | MAINT & REPAIRS | LEASE | NEW WORK |
|----------------------------------|-------------------------------|-----------------------|-----------------------|--------------------------------|--------------|---------------------|
|----------------------------------|-------------------------------|-----------------------|-----------------------|--------------------------------|--------------|---------------------|

FLORIDA**Miami**

| | | | | | | |
|-------------------|-------|-----|------|----------|----------|---|
| 3501 Granada Blvd | 4,857 | Yes | 1947 | \$50,500 | \$66,000 | - |
|-------------------|-------|-----|------|----------|----------|---|

Operations/Utilities/Security - \$73,800; Total O&M - \$190,300
Maintenance and repairs, including service calls - \$5,500; routine maintenance and repairs - \$31,500; interior painting - \$1,000; exterior paint - \$1,000; self-help - \$1,000; grounds maintenance - \$7,500; incidental improvements - \$3,000.

ILLINOIS**Rock Island Arsenal****Quarters 4**

(PN 77735)

| | | | | | | |
|--------------------|-------|-----|------|----------|---|---|
| 3294 Terrace Drive | 4,455 | Yes | 1872 | \$49,100 | - | - |
|--------------------|-------|-----|------|----------|---|---|

Operations/Utilities/Security - \$20,600; Total O&M - \$ 69,700
Maintenance and repairs, including service calls - \$5,000; routine maintenance including change of occupancy - \$11,000; interior paint - \$1,200; self-help - \$700; grounds maintenance - \$700; incidental improvements - \$500; major repair project to install lightning protection system - \$30,000.

Quarters 6

(PN 72990)

| | | | | | | |
|--------------------|-------|-----|------|----------|---|---|
| 3472 Terrace Drive | 5,865 | Yes | 1905 | \$89,700 | - | - |
|--------------------|-------|-----|------|----------|---|---|

Operations/Utilities/Security - \$18,400; Total O&M - \$108,100
Maintenance and repairs, including service calls - \$5,000; routine maintenance including change of occupancy - \$11,000; interior paint - \$2,000; self-help - \$400; grounds maintenance - \$900; incidental improvements - \$400; major repair project to abate lead paint from windows and replace storm windows - \$70,000.

VIRGINIA**Fort Myer****Quarters 1**

| | | | | | | |
|----------------|-------|-----|------|----------|---|---|
| 206 Washington | 8,460 | Yes | 1899 | \$39,500 | - | - |
|----------------|-------|-----|------|----------|---|---|

Operations/Utilities/Security - \$102,000; Total O&M - \$141,500
Maintenance and repairs, including service calls - \$10,000; routine maintenance and repairs, including change of occupancy maintenance - \$15,000; grounds maintenance - \$11,500; incidental improvements - \$3,000.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (GFOQ)
EXCEEDING \$35,000 PER DWELLING UNIT

STATE

| INSTALLATION QTRS NO. | NET SQUARE FOOTAGE | HIS- TORIC | YEAR BUILT | MAINT & REPAIRS | LEASE | NEW WORK |
|----------------------------------|-------------------------------|-----------------------|-----------------------|--------------------------------|--------------|---------------------|
|----------------------------------|-------------------------------|-----------------------|-----------------------|--------------------------------|--------------|---------------------|

Fort Myer (Continued)**Quarters 2**

(PN 77943)

| | | | | | | |
|----------------|-------|-----|------|-----------|---|---|
| 202 Washington | 3,618 | Yes | 1899 | \$249,500 | - | - |
|----------------|-------|-----|------|-----------|---|---|

Operations/Utilities/Security – \$89,500; Total O&M - \$339,000

Maintenance and repairs, including service calls - \$10,000; routine maintenance and repairs, including change of occupancy maintenance - \$25,000; interior paint - \$20,000; grounds maintenance - \$11,500; incidental improvements - \$3,000; major exterior repairs and repair/replace interior woodwork - \$180,000.

Quarters 5

| | | | | | | |
|---------------|-------|-----|------|----------|---|---|
| 114 Grant Ave | 3,405 | Yes | 1903 | \$64,500 | - | - |
|---------------|-------|-----|------|----------|---|---|

Operations/Utilities/Security – \$89,500; Total O&M - \$154,000

Maintenance and repairs, including service calls - \$10,000; routine maintenance and repairs, including change of occupancy maintenance - \$25,000; interior paint - \$15,000; grounds maintenance - \$11,500; incidental improvements - \$3,000.

Quarters 6

| | | | | | | |
|---------------|-------|-----|------|----------|---|---|
| 110 Grant Ave | 7,365 | Yes | 1908 | \$35,500 | - | - |
|---------------|-------|-----|------|----------|---|---|

Operations/Utilities/Security - \$97,500; Total O&M - \$133,000

Maintenance and repairs, including service calls - \$10,000; routine maintenance and repairs - 11,000; grounds maintenance - \$11,500; incidental improvements - \$3,000.

Quarters 7

| | | | | | | |
|---------------|-------|-----|------|----------|---|---|
| 106 Grant Ave | 4,707 | Yes | 1909 | \$35,500 | - | - |
|---------------|-------|-----|------|----------|---|---|

Operations/Utilities/Security - \$91,500; Total O&M - \$127,000

Maintenance and repairs, including service calls - \$10,000; routine maintenance and repairs - \$11,000; grounds maintenance - \$11,500; incidental improvements - \$3,000.

Quarters 8

(PN 77951)

| | | | | | | |
|---------------|-------|-----|------|-----------|---|---|
| 102 Grant Ave | 4,255 | Yes | 1903 | \$274,500 | - | - |
|---------------|-------|-----|------|-----------|---|---|

Operations/Utilities/Security - \$94,500; Total O&M - \$369,000

Maintenance and repairs, including service calls - \$10,000; routine maintenance and repairs, including change of occupancy - \$25,000; interior paint - \$25,000; grounds maintenance - \$11,500; incidental improvements - \$3,000; major repairs of exterior walls and porches - \$200,000.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (GFOQ)
EXCEEDING \$35,000 PER DWELLING UNIT

STATE

| INSTALLATION QTRS NO. | NET SQUARE FOOTAGE | HIS- TORIC | YEAR BUILT | MAINT & REPAIRS | LEASE | NEW WORK |
|----------------------------------|-------------------------------|-----------------------|-----------------------|--------------------------------|--------------|---------------------|
|----------------------------------|-------------------------------|-----------------------|-----------------------|--------------------------------|--------------|---------------------|

Fort Myer (Continued)**Quarters 11A**

| | | | | | | |
|-------------------|-------|-----|------|----------|---|---|
| 321-A Jackson Ave | 2,742 | Yes | 1892 | \$35,500 | - | - |
|-------------------|-------|-----|------|----------|---|---|

Operations/Utilities/Security - \$79,500; Total O&M - \$115,000
Maintenance and repairs, including service calls - \$10,000; routine maintenance and repairs - \$11,000; grounds maintenance - \$11,500; incidental improvements - \$3,000.

Quarters 11B

| | | | | | | |
|-------------------|-------|-----|------|----------|---|---|
| 321-B Jackson Ave | 2,951 | Yes | 1892 | \$35,500 | - | - |
|-------------------|-------|-----|------|----------|---|---|

Operations/Utilities/Security - \$79,500; Total O&M - \$115,000
Maintenance and repairs, including service calls - \$10,000; routine maintenance and repairs - \$11,000; grounds maintenance - \$11,500; incidental improvements - \$3,000.

Quarters 12A

| | | | | | | |
|-------------------|-------|-----|------|----------|---|---|
| 317-A Jackson Ave | 2,701 | Yes | 1892 | \$35,500 | - | - |
|-------------------|-------|-----|------|----------|---|---|

Operations/Utilities/Security - \$79,500; Total O&M - \$115,000
Maintenance and repairs, including service calls - \$10,000; routine maintenance and repairs - \$11,000; grounds maintenance - \$11,500; incidental improvements - \$3,000.

Quarters 12B

| | | | | | | |
|-------------------|-------|-----|------|----------|---|---|
| 317-B Jackson Ave | 2,774 | Yes | 1892 | \$35,500 | - | - |
|-------------------|-------|-----|------|----------|---|---|

Operations/Utilities/Security - \$79,500; Total O&M - \$115,000
Maintenance and repairs, including service calls - \$10,000; routine maintenance and repairs - \$11,000; grounds maintenance - \$11,500; incidental improvements - \$3,000.

Quarters 13A

(PN 77956)

| | | | | | | |
|-------------------|-------|-----|------|----------|---|---|
| 313-A Jackson Ave | 1,980 | Yes | 1903 | \$93,500 | - | - |
|-------------------|-------|-----|------|----------|---|---|

Operations/Utilities/Security - \$81,500; Total O&M - \$175,000
Maintenance and repairs, including service calls - \$10,000; routine maintenance and repairs, including change of occupancy - \$25,000; interior paint - \$14,000; grounds maintenance - \$11,500; incidental improvements - \$3,000; major project to repair exterior walls and porches - \$30,000.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (GFOQ)
EXCEEDING \$35,000 PER DWELLING UNIT

STATE

| INSTALLATION QTRS NO. | NET SQUARE FOOTAGE | HIS- TORIC | YEAR BUILT | MAINT & REPAIRS | LEASE | NEW WORK |
|----------------------------------|-------------------------------|-----------------------|-----------------------|--------------------------------|--------------|---------------------|
|----------------------------------|-------------------------------|-----------------------|-----------------------|--------------------------------|--------------|---------------------|

Fort Myer (Continued)**Quarters 13B**

(PN 77957)

| | | | | | | |
|-------------------|-------|-----|------|-----------|---|---|
| 313-B Jackson Ave | 1,973 | Yes | 1903 | \$203,500 | - | - |
|-------------------|-------|-----|------|-----------|---|---|

Operations/Utilities/Security - \$81,500; Total O&M - \$285,000
Maintenance and repairs, including service calls - \$10,000; routine maintenance and repairs, including change of occupancy - \$25,000; interior paint - \$14,000; grounds maintenance - \$11,500; incidental improvements - \$3,000; major repair to upgrade electrical and renovate kitchen and pantry - \$140,000.

Quarters 14A

| | | | | | | |
|-------------------|-------|-----|------|----------|---|---|
| 309-A Jackson Ave | 1,998 | Yes | 1903 | \$35,500 | - | - |
|-------------------|-------|-----|------|----------|---|---|

Operations/Utilities/Security - \$77,500; Total O&M - \$113,000
Maintenance and repairs, including service calls - \$10,000; routine maintenance and repairs - \$11,000; grounds maintenance - \$11,500; incidental improvements - \$3,000.

Quarters 14B

(PN 77959)

| | | | | | | |
|-------------------|-------|-----|------|----------|---|---|
| 309-B Jackson Ave | 1,927 | Yes | 1903 | \$93,500 | - | - |
|-------------------|-------|-----|------|----------|---|---|

Operations/Utilities/Security - \$81,500; Total O&M - \$175,500
Maintenance and repairs, including service calls - \$10,000; routine maintenance and repairs, including change of occupancy - \$25,000; interior paint - \$14,000; grounds maintenance - \$11,500; incidental improvements - \$3,000; major repair project to upgrade electrical - \$30,000.

Quarters 15A

| | | | | | | |
|-------------------|-------|-----|------|----------|---|---|
| 305-A Jackson Ave | 2,535 | Yes | 1908 | \$35,500 | - | - |
|-------------------|-------|-----|------|----------|---|---|

Operations/Utilities/Security - \$80,500; Total O&M - \$116,000
Maintenance and repairs, including service calls - \$10,000; routine maintenance and repairs - \$11,000; grounds maintenance - \$11,500; incidental improvements - \$3,000.

Quarters 15B

| | | | | | | |
|-------------------|-------|-----|------|----------|---|---|
| 305-B Jackson Ave | 2,324 | Yes | 1908 | \$35,500 | - | - |
|-------------------|-------|-----|------|----------|---|---|

Operations/Utilities/Security - \$80,500; Total O&M - \$116,000
Maintenance and repairs, including service calls - \$10,000; routine maintenance and repairs - \$11,000; grounds maintenance - \$11,500; incidental improvements - \$3,000.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (GFOQ)
EXCEEDING \$35,000 PER DWELLING UNIT

STATE

| INSTALLATION QTRS NO. | NET SQUARE FOOTAGE | HIS- TORIC | YEAR BUILT | MAINT & REPAIRS | LEASE | NEW WORK |
|----------------------------------|-------------------------------|-----------------------|-----------------------|--------------------------------|--------------|---------------------|
|----------------------------------|-------------------------------|-----------------------|-----------------------|--------------------------------|--------------|---------------------|

Fort Myer (Continued)**Quarters 16A**

| | | | | | | |
|-------------------|-------|-----|------|----------|---|---|
| 301-A Jackson Ave | 2,463 | Yes | 1908 | \$35,500 | - | - |
|-------------------|-------|-----|------|----------|---|---|

Operations/Utilities/Security - \$80,500; Total O&M - \$116,000
Maintenance and repairs, including service calls - \$10,000; routine maintenance and repairs - \$11,000; grounds maintenance - \$11,500; incidental improvements - \$3,000.

Quarters 16B

| | | | | | | |
|-------------------|-------|-----|------|----------|---|---|
| 301-B Jackson Ave | 2,463 | Yes | 1908 | \$35,500 | - | - |
|-------------------|-------|-----|------|----------|---|---|

Operations/Utilities/Security - \$80,500; Total O&M - \$116,000
Maintenance and repairs, including service calls - \$10,000; routine maintenance and repairs - \$11,000; grounds maintenance - \$11,500; incidental improvements - \$3,000.

Quarters 19A

| | | | | | | |
|---------------|-------|-----|------|----------|---|---|
| 213-A Lee Ave | 2,108 | Yes | 1932 | \$42,500 | - | - |
|---------------|-------|-----|------|----------|---|---|

Operations/Utilities/Security - \$77,500; Total O&M - \$120,000
Maintenance and repairs, including service calls - \$10,000; routine maintenance and repairs - \$18,000; grounds maintenance - \$11,500; incidental improvements - \$3,000.

Quarters 19B

| | | | | | | |
|---------------|-------|-----|------|----------|---|---|
| 213-B Lee Ave | 1,796 | Yes | 1932 | \$35,500 | - | - |
|---------------|-------|-----|------|----------|---|---|

Operations/Utilities/Security - \$76,500; Total O&M - \$112,000
Maintenance and repairs, including service calls - \$10,000; routine maintenance and repairs - \$11,000; grounds maintenance - \$11,500; incidental improvements - \$3,000.

Quarters 23A

| | | | | | | |
|---------------|-------|-----|------|----------|---|---|
| 228-A Lee Ave | 2,778 | Yes | 1896 | \$35,500 | - | - |
|---------------|-------|-----|------|----------|---|---|

Operations/Utilities/Security - \$81,500; Total O&M - \$117,000
Maintenance and repairs, including service calls - \$10,000; routine maintenance and repairs - \$11,000; grounds maintenance - \$11,500; incidental improvements - \$3,000.

Quarters 24B

(PN 76227)

| | | | | | | |
|---------------|-------|-----|------|----------|---|---|
| 224-B Lee Ave | 2,682 | Yes | 1896 | \$35,500 | - | - |
|---------------|-------|-----|------|----------|---|---|

Operations/Utilities/Security - \$80,500; Total O&M - \$116,000
Maintenance and repairs, including service calls - \$10,000; routine maintenance and repairs - \$11,000; grounds maintenance - \$11,500; incidental improvements - \$3,000.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (GFOQ)
EXCEEDING \$35,000 PER DWELLING UNIT

STATE

| INSTALLATION QTRS NO. | NET SQUARE FOOTAGE | HIS- TORIC | YEAR BUILT | MAINT & REPAIRS | LEASE | NEW WORK |
|----------------------------------|-------------------------------|-----------------------|-----------------------|--------------------------------|--------------|---------------------|
|----------------------------------|-------------------------------|-----------------------|-----------------------|--------------------------------|--------------|---------------------|

Fort Myer (Continued)**Quarters 25B**

| | | | | | | |
|---------------|-------|-----|------|----------|---|---|
| 220-C Lee Ave | 2,594 | Yes | 1896 | \$35,500 | - | - |
|---------------|-------|-----|------|----------|---|---|

Operations/Utilities/Security - \$80,500; Total O&M - \$116,000
Maintenance and repairs, including service calls - \$10,000; routine maintenance and repairs - \$11,000; grounds maintenance - \$11,500; incidental improvements - \$3,000.

Quarters 26A

| | | | | | | |
|---------------|-------|-----|------|----------|---|---|
| 216-A Lee Ave | 2,999 | Yes | 1896 | \$35,500 | - | - |
|---------------|-------|-----|------|----------|---|---|

Operations/Utilities/Security - \$81,500; Total O&M - \$117,000
Maintenance and repairs, including service calls - \$10,000; routine maintenance and repairs - \$11,000; grounds maintenance - \$11,500; incidental improvements - \$3,000.

Quarters 27A

(PN 77971)

| | | | | | | |
|---------------|-------|-----|------|-----------|---|---|
| 212-A Lee Ave | 3,715 | Yes | 1903 | \$146,500 | - | - |
|---------------|-------|-----|------|-----------|---|---|

Operations/Utilities/Security - \$90,500; Total O&M - \$237,000
Maintenance and repairs, including service calls - \$10,000; routine maintenance and repairs, including change of occupancy - \$25,000; interior paint - \$17,000; grounds maintenance - \$11,500; incidental improvements - \$3,000; major repairs to building exterior components and repairs to electrical systems - \$80,000.

Quarters 27B

| | | | | | | |
|---------------|-------|-----|------|----------|---|---|
| 212-B Lee Ave | 2,718 | Yes | 1903 | \$35,500 | - | - |
|---------------|-------|-----|------|----------|---|---|

Operations/Utilities/Security - \$83,500; Total O&M - \$119,000
Maintenance and repairs, including service calls - \$10,000; routine maintenance and repairs - \$11,000; grounds maintenance - \$11,500; incidental improvements - \$3,000.

BELGIUM**(0.7491 EURO / 1 \$ budget rate)****NSSG/Chievres****1 Chateau Gendebien**

| | | | | | | |
|------------|--------|----|------|----------|---|---|
| Quarters 1 | 10,010 | No | 1892 | \$56,500 | - | - |
|------------|--------|----|------|----------|---|---|

Operations/Utilities/Security - \$109,500; Total O&M - \$166,000
Maintenance and repairs, including service calls - \$22,400; routine maintenance and repairs - \$18,600; interior paint - \$10,300; self-help - \$5,200.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (GFOQ)
EXCEEDING \$35,000 PER DWELLING UNIT

STATE

| INSTALLATION QTRS NO. | NET SQUARE FOOTAGE | HIS- TORIC | YEAR BUILT | MAINT & REPAIRS | LEASE | NEW WORK |
|--------------------------|-----------------------|---------------|---------------|--------------------|-------|-------------|
|--------------------------|-----------------------|---------------|---------------|--------------------|-------|-------------|

NSSG/Chievres (Continued)**EU 38 Chemin D. Hoogvorst**

| | | | | | | |
|------------|-------|----|------|----------|----------|---|
| Quarters 7 | 3,175 | No | 1930 | \$43,800 | \$72,100 | - |
|------------|-------|----|------|----------|----------|---|

Operations/Utilities/Security - \$34,800; Total O&M - \$150,700
Maintenance and repairs, including service calls - \$6,500; routine maintenance and repairs, including change of occupancy - \$14,300; interior paint - \$16,800; self help - \$400; grounds maintenance - \$5,800.

EU 27 Keizerlaan

| | | | | | | |
|------------|-------|----|------|----------|-----------|---|
| Quarters 8 | 4,133 | No | 1950 | \$50,900 | \$144,400 | - |
|------------|-------|----|------|----------|-----------|---|

Operations/Utilities/Security - \$45,800; Total O&M - \$241,100
Maintenance and repairs, including service calls - \$7,400; routine maintenance and repairs, including change of occupancy - \$18,500; Interior paint - \$14,200; self help - \$500; grounds maintenance - \$10,300.

EU 7 Avenue de l'Oree

| | | | | | | |
|-------------|-------|----|------|----------|-----------|---|
| Quarters 13 | 4,951 | No | 1965 | \$46,500 | \$113,500 | - |
|-------------|-------|----|------|----------|-----------|---|

Operations/Utilities/Security - \$37,700; Total O&M - \$197,700
Maintenance and repairs, including service calls - \$7,000; routine maintenance and repairs, including change of occupancy - \$11,700; interior paint - \$12,200; self help - \$600; grounds maintenance - \$15,000.

GERMANY**(0.7491 EURO / 1 \$ budget rate)****Garmisch****38 Wettersteinstrasse**

(PN 78385)

| | | | | | | |
|--|-------|----|------|-----------|---|---|
| | 2,583 | No | 1936 | \$141,500 | - | - |
|--|-------|----|------|-----------|---|---|

Operations/Utilities/Security - \$29,000; Total O&M - \$170,500
Maintenance and repairs, including service calls - \$2,800; routine maintenance and repairs, including change of occupancy - \$12,600; interior paint - \$6,900; self-help - \$400; grounds maintenance - \$2,000; major repair project to replace deteriorated windows - \$116,800.

Heidelberg**26 Rhein Strasse**

| | | | | | | |
|--|-------|----|------|----------|---|---|
| | 4,612 | No | 1963 | \$53,300 | - | - |
|--|-------|----|------|----------|---|---|

Operations/Utilities/Security - \$56,000; Total O&M - \$109,300
Maintenance and repairs, including service calls - \$8,900; routine maintenance and repairs, including change of occupancy maintenance - \$18,200; interior paint - \$6,500; exterior paint - \$6,300; self-help - \$1,100; grounds maintenance - \$1,900; repair sewer lines - \$10,400.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (GFOQ)
EXCEEDING \$35,000 PER DWELLING UNIT

STATE

| INSTALLATION QTRS NO. | NET SQUARE FOOTAGE | HIS- TORIC | YEAR BUILT | MAINT & REPAIRS | LEASE | NEW WORK |
|--------------------------|-----------------------|---------------|---------------|--------------------|-------|-------------|
|--------------------------|-----------------------|---------------|---------------|--------------------|-------|-------------|

Stuttgart**39 Richard Wagner Strasse**

(PN 77544)

| | | | | | |
|--------|-----|------|-------------|---|---|
| 11,094 | Yes | 1921 | \$1,433,700 | - | - |
|--------|-----|------|-------------|---|---|

Operations/Utilities/Security - \$88,400; Total O&M - \$1,522,100

Maintenance and repairs, including service calls - \$19,300; self-help - \$700; grounds maintenance - \$17,600; renovate exterior grounds and facilities - \$1,396,100.

2429 Florida Strasse

(PN 69584)

| | | | | | |
|-------|----|------|-----------|---|---|
| 1,636 | No | 1957 | \$377,800 | - | - |
|-------|----|------|-----------|---|---|

Operations/Utilities/Security - \$14,300; Total O&M - \$392,100

Maintenance and repairs, including service calls - \$4,900; routine maintenance and repairs, including change of occupancy - \$9,100; interior paint - \$2,000; exterior paint - \$3,300; self help - \$700; grounds maintenance - \$600; major renovation project to include electrical, plumbing, HVAC, kitchen, bathrooms, interior woodwork, floors, windows, and HVAC - \$357,200.

2433 Florida Strasse

(PN 77467)

| | | | | | |
|-------|----|------|-----------|---|---|
| 1,636 | No | 1957 | \$246,300 | - | - |
|-------|----|------|-----------|---|---|

Operations/Utilities/Security - \$13,100; Total O&M - \$259,400

Maintenance and repairs, including service calls - \$4,900; self help - \$700; major repairs to electrical, plumbing, kitchen and bathrooms - \$246,300.

2434 Florida Strasse

(PN 77469)

| | | | | | |
|-------|----|------|-----------|---|---|
| 1,636 | No | 1957 | \$213,900 | - | - |
|-------|----|------|-----------|---|---|

Operations/Utilities/Security - \$16,600; Total O&M - \$230,500

Maintenance and repairs, including service calls - \$4,900; routine maintenance including change of occupancy - \$9,300; interior paint - \$3,500; self help - \$700; grounds maintenance - \$600; incidental improvements - \$2,300; major repairs to electrical, plumbing, kitchen and bathrooms - \$192,600.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (GFOQ)
EXCEEDING \$35,000 PER DWELLING UNIT

STATE

| INSTALLATION QTRS NO. | NET SQUARE FOOTAGE | HIS- TORIC | YEAR BUILT | MAINT & REPAIRS | LEASE | NEW WORK |
|----------------------------------|-------------------------------|-----------------------|-----------------------|--------------------------------|--------------|---------------------|
|----------------------------------|-------------------------------|-----------------------|-----------------------|--------------------------------|--------------|---------------------|

Stuttgart (Continued)
2435 Florida Strasse
(PN 77470)

| | | | | | | |
|--|-------|----|------|-----------|---|---|
| | 1,636 | No | 1957 | \$211,600 | - | - |
|--|-------|----|------|-----------|---|---|

Operations/Utilities/Security - \$14,900; Total O&M - \$226,500

Maintenance and repairs, including service calls - \$4,900; routine maintenance including change of occupancy - \$9,300; interior paint - \$3,300; self help - \$700; grounds maintenance - \$600; major repairs to electrical, plumbing, kitchen and bathrooms - \$192,600.

2436 Florida Strasse
(PN 77471)

| | | | | | | |
|--|-------|----|------|-----------|---|---|
| | 1,636 | No | 1957 | \$358,300 | - | - |
|--|-------|----|------|-----------|---|---|

Operations/Utilities/Security - \$14,900; Total O&M - \$373,200

Maintenance and repairs, including service calls - \$4,900; routine maintenance including change of occupancy - \$9,300; exterior paint - \$3,500; self help - \$700; grounds maintenance - \$600; incidental improvement - \$2,300; major renovation to repair/replace electrical, plumbing, kitchen and bathrooms - \$337,000.

2437 Florida Strasse
(PN 77472)

| | | | | | | |
|--|-------|----|------|-----------|---|---|
| | 1,636 | No | 1957 | \$273,300 | - | - |
|--|-------|----|------|-----------|---|---|

Operations/Utilities/Security - \$14,900; Total O&M - \$288,200

Maintenance and repairs, including service calls - \$5,000; routine maintenance including change of occupancy - \$9,300; interior paint - \$3,500; self help - \$700; grounds maintenance - \$600; incidental improvement - \$13,500; major renovation to repair/replace electrical, plumbing, kitchen and bathrooms - \$240,700.

2439 Florida Strasse
(PN 77473)

| | | | | | | |
|--|-------|----|------|-----------|---|---|
| | 1,636 | No | 1957 | \$181,200 | - | - |
|--|-------|----|------|-----------|---|---|

Operations/Utilities/Security - \$13,100; Total O&M - \$194,300

Maintenance and repairs, including service calls - \$4,900; self help - \$700; incidental improvement - \$2,300; major renovation to repair/replace plumbing, and bathrooms - \$173,300.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (GFOQ)
EXCEEDING \$35,000 PER DWELLING UNIT

STATE

| INSTALLATION QTRS NO. | NET SQUARE FOOTAGE | HIS- TORIC | YEAR BUILT | MAINT & REPAIRS | LEASE | NEW WORK |
|----------------------------------|-------------------------------|-----------------------|-----------------------|--------------------------------|--------------|---------------------|
|----------------------------------|-------------------------------|-----------------------|-----------------------|--------------------------------|--------------|---------------------|

Stuttgart (Continued)
2443 Florida Strasse
(PN 77476)

| | | | | | | |
|--|-------|----|------|-----------|---|---|
| | 1,636 | No | 1957 | \$178,900 | - | - |
|--|-------|----|------|-----------|---|---|

Operations/Utilities/Security - \$13,100; Total O&M - \$192,000

Maintenance and repairs, including service calls - \$4,900; self-help - \$700; major repair project to repair/replace plumbing and bathrooms - \$173,300.

2444 Florida Strasse
(PN 77477)

| | | | | | | |
|--|-------|----|------|-----------|---|---|
| | 1,636 | No | 1957 | \$194,600 | - | - |
|--|-------|----|------|-----------|---|---|

Operations/Utilities/Security - \$14,900; Total O&M - \$209,500

Maintenance and repairs, including service calls - \$4,900; routine maintenance including change of occupancy - \$9,300; interior paint - \$3,500; self-help - \$700; grounds maintenance - \$600; incidental improvement - \$2,300; major repair project to repair/replace plumbing and bathrooms - \$173,300.

2445 Florida Strasse
(PN 77478)

| | | | | | | |
|--|-------|----|------|-----------|---|---|
| | 2,153 | No | 1957 | \$212,300 | - | - |
|--|-------|----|------|-----------|---|---|

Operations/Utilities/Security - \$17,100; Total O&M - \$229,400

Maintenance and repairs, including service calls - \$4,600; routine maintenance and repairs, including change of occupancy maintenance - \$10,300; interior paint - \$3,500; self-help - \$700; grounds maintenance - \$600; major repair project to repair/replace plumbing, kitchen and bathrooms - \$192,600.

2446 Florida Strasse
(PN 77479)

| | | | | | | |
|--|-------|----|------|-----------|---|---|
| | 1,636 | No | 1957 | \$178,900 | - | - |
|--|-------|----|------|-----------|---|---|

Operations/Utilities/Security - \$13,100; Total O&M - \$192,000

Maintenance and repairs, including service calls - \$4,900; self-help - \$700; major repair project to repair/replace plumbing, kitchen and bathrooms - \$173,300.

2447 Florida Strasse
(PN 77480)

| | | | | | | |
|--|-------|----|------|-----------|---|---|
| | 2,153 | No | 1957 | \$318,200 | - | - |
|--|-------|----|------|-----------|---|---|

Operations/Utilities/Security - \$17,100; Total O&M - \$335,30000

Maintenance and repairs, including service calls - \$4,600; routine maintenance and repairs, including change of occupancy maintenance - \$10,300; interior paint - \$3,500; self-help - \$700; grounds maintenance - \$600; major repair project to repair/replace plumbing, kitchen and bathrooms - \$298,500.

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Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (GFOQ)
EXCEEDING \$35,000 PER DWELLING UNIT

STATE

| INSTALLATION QTRS NO. | NET SQUARE FOOTAGE | HIS- TORIC | YEAR BUILT | MAINT & REPAIRS | LEASE | NEW WORK |
|----------------------------------|-------------------------------|-----------------------|-----------------------|--------------------------------|--------------|---------------------|
|----------------------------------|-------------------------------|-----------------------|-----------------------|--------------------------------|--------------|---------------------|

Stuttgart (Continued)
2448 Florida Strasse
(PN 77481)

| | | | | | | |
|--|-------|----|------|-----------|---|---|
| | 1,636 | No | 1957 | \$178,900 | - | - |
|--|-------|----|------|-----------|---|---|

Operations/Utilities/Security - \$13,100; Total O&M - \$192,200

Maintenance and repairs, including service calls - \$4,900; self-help - \$700; major repair project to repair/replace plumbing, kitchen and bathrooms - \$173,300.

2449 Florida Strasse
(PN 77482)

| | | | | | | |
|--|-------|----|------|-----------|---|---|
| | 2,885 | No | 1957 | \$343,500 | - | - |
|--|-------|----|------|-----------|---|---|

Operations/Utilities/Security - \$24,300; Total O&M - \$367,800

Maintenance and repairs, including service calls - \$11,200; routine maintenance and repairs, including change of occupancy maintenance - \$12,300; interior paint - \$4,100; self-help - \$700; grounds maintenance - \$4,400; incidental improvements - \$2,700; major repair project to repair/replace plumbing, electricity, and install energy saving insulation to the building foundation, and conversion of wood burning to gas fireplace, and renovation of bathrooms - \$308,100.

2450 Florida Strasse
(PN 77483)

| | | | | | | |
|--|-------|----|------|-----------|---|---|
| | 2,153 | No | 1957 | \$193,000 | - | - |
|--|-------|----|------|-----------|---|---|

Operations/Utilities/Security - \$17,100; Total O&M - \$210,100

Maintenance and repairs, including service calls - \$4,600; routine maintenance and repairs, including change of occupancy maintenance - \$10,300; interior paint - \$3,500; self-help - \$700; grounds maintenance - \$600; major repair project to repair/replace plumbing, kitchen and bathrooms - \$173,300.

2451 Florida Strasse
(PN 77484)

| | | | | | | |
|--|-------|----|------|-----------|---|---|
| | 2,153 | No | 1957 | \$195,300 | - | - |
|--|-------|----|------|-----------|---|---|

Operations/Utilities/Security - \$19,500; Total O&M - \$214,800

Maintenance and repairs, including service calls - \$4,600; routine maintenance and repairs, including change of occupancy maintenance - \$10,300; interior paint - \$3,500; self-help - \$700; grounds maintenance - \$600; incidental improvement - \$2,300; major repair project to repair/replace plumbing, kitchen and bathrooms - \$173,300.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (GFOQ)
EXCEEDING \$35,000 PER DWELLING UNIT

STATE

| INSTALLATION QTRS NO. | NET SQUARE FOOTAGE | HIS- TORIC | YEAR BUILT | MAINT & REPAIRS | LEASE | NEW WORK |
|--------------------------|-----------------------|---------------|---------------|--------------------|-------|-------------|
|--------------------------|-----------------------|---------------|---------------|--------------------|-------|-------------|

Stuttgart (Continued)
2452 Florida Strasse
(PN 77485)

| | | | | | | |
|--|-------|----|------|-----------|---|---|
| | 2,153 | No | 1957 | \$197,900 | - | - |
|--|-------|----|------|-----------|---|---|

Operations/Utilities/Security - \$15,300; Total O&M - \$213,200

Maintenance and repairs, including service calls - \$4,600; self-help - \$700; major repair project to repair/replace plumbing, kitchen and bathrooms - \$192,600.

3417 Vesta Strasse

| | | | | | | |
|--|-------|----|------|----------|---|---|
| | 2,885 | No | 1957 | \$35,400 | - | - |
|--|-------|----|------|----------|---|---|

Operations/Utilities/Security - \$21,600; Total O&M - \$57,000

Maintenance and repairs, including service calls - \$11,200; routine maintenance and repairs, including change of occupancy - \$12,300; interior paint - \$4,100; self help - \$700; grounds maintenance - \$4,400; incidental improvements - \$2,700.

KOREA

(1099.5183 WON/ 1 \$ budget rate)

Yongsan

4421 South Post
(PN 74766)

| | | | | | | |
|--|-------|----|------|----------|---|---|
| | 2,777 | No | 1952 | \$75,400 | - | - |
|--|-------|----|------|----------|---|---|

Operations/Utilities/Security - \$10,800; Total O&M - \$86,200

Maintenance and repairs, including service calls - \$5,200; routine maintenance and repairs, including change of occupancy maintenance - \$10,000; interior paint - \$6,300; self-help - \$300; grounds maintenance - \$300; exterior utilities - \$1,000; other real property - \$1,000; major repair project to replace windows and doors - \$52,300.

4433 South Post

(PN 77829)

| | | | | | | |
|--|-------|----|------|-----------|---|---|
| | 3,669 | No | 1952 | \$110,300 | - | - |
|--|-------|----|------|-----------|---|---|

Operations/Utilities/Security - \$21,800; Total O&M - \$132,100

Maintenance and repairs, including service calls - \$4,900; routine maintenance and repairs, including change of occupancy - \$9,500; interior paint - \$4,700; exterior paint - \$5,800; self help - \$300; grounds maintenance - \$500; exterior utilities - \$1,000; other real property - \$1,000; major project to repair upgrade electrical and plumbing - \$83,600.

DEPARTMENT OF ARMY
 Fiscal Year (FY) 2012 Budget Estimate
 Army Family Housing
 GENERAL/FLAG OFFICERS QUARTERS (Continued)

Anticipated Operations and Maintenance Expenditures Exceeding \$35K per Unit

| State/Country | Installation_Name | Qtrs# | Year Built | NSF | Operations | Maintenance | Repair | Total M&R | Security | Total | Utilities | Leases | Total O&M |
|---------------|-------------------|------------|------------|-------|------------|-------------|---------|-----------|----------|---------|-----------|---------|-----------|
| Belgium | NSSG/Chievres | PQ13/ 2177 | 1965 | 4951 | 17,000 | 46,500 | - | 46,500 | 4,600 | 68,100 | 16,100 | 113,500 | 197,700 |
| | NSSG/Chievres | PQ017/ 017 | 1960 | 2691 | 21,500 | 16,700 | - | 16,700 | 4,600 | 42,800 | 15,100 | 107,600 | 165,500 |
| | NSSG/Chievres | PQ012/ 012 | 1956 | 3766 | 10,900 | 16,800 | - | 16,800 | 5,600 | 33,300 | 15,500 | 106,500 | 155,300 |
| | NSSG/Chievres | PQ001/ 001 | 1892 | 10010 | 39,400 | 56,500 | - | 56,500 | 15,300 | 111,200 | 54,800 | - | 166,000 |
| | NSSG/Chievres | PQ007/ 007 | 1930 | 3175 | 12,500 | 43,800 | - | 43,800 | 5,700 | 62,000 | 16,600 | 72,100 | 150,700 |
| | NSSG/Chievres | PQ031/ 031 | 2002 | 4306 | 30,500 | 30,900 | - | 30,900 | 5,200 | 66,600 | 12,500 | 51,000 | 130,100 |
| | NSSG/Chievres | PQ033/ 033 | 2002 | 4306 | 16,800 | 31,100 | - | 31,100 | 5,200 | 53,100 | 9,700 | 51,000 | 113,800 |
| | NSSG/Chievres | PQ008/ 008 | 1950 | 4133 | 17,100 | 50,900 | - | 50,900 | 11,200 | 79,200 | 17,500 | 144,400 | 241,100 |
| | NSSG/Chievres | PQ002/ 002 | 1967 | 3983 | 16,100 | 27,800 | - | 27,800 | 19,300 | 63,200 | 17,500 | 40,700 | 121,400 |
| | NSSG/Chievres | PQ011/ 011 | 1953 | 4521 | 17,200 | 23,600 | - | 23,600 | 5,000 | 45,800 | 13,900 | 105,900 | 165,600 |
| Germany | Garmisch | 505/ 000 | 1936 | 2583 | 18,300 | 24,700 | 116,800 | 141,500 | - | 43,000 | 10,700 | - | 53,700 |
| | Heidelberg | 4766/ 4766 | 1956 | 1659 | 9,200 | 21,100 | - | 21,100 | 200 | 30,500 | 4,200 | - | 34,700 |
| | Heidelberg | 4771/ 1 | 1956 | 1659 | 10,700 | 16,600 | - | 16,600 | 200 | 27,500 | 4,200 | - | 31,700 |
| | Heidelberg | 4770/ 3 | 1956 | 1659 | 9,800 | 14,300 | - | 14,300 | 200 | 24,300 | 4,200 | - | 28,500 |
| | Heidelberg | 4764/ 4 | 1956 | 1659 | 16,800 | 22,300 | - | 22,300 | 200 | 39,300 | 4,200 | - | 43,500 |
| | Heidelberg | 4765/ 6 | 1956 | 1659 | 16,000 | 14,800 | - | 14,800 | 300 | 31,100 | 5,600 | - | 36,700 |
| | Heidelberg | 4768/ 7 | 1956 | 1659 | 8,600 | 14,800 | - | 14,800 | 200 | 23,600 | 4,200 | - | 27,800 |
| | Heidelberg | 3750/ 26 | 1963 | 4612 | 26,300 | 42,900 | 10,400 | 53,300 | 9,900 | 79,100 | 19,800 | - | 98,900 |
| | Heidelberg | 4757/ 26 | 1956 | 2342 | 15,000 | 23,200 | - | 23,200 | 800 | 39,000 | 7,200 | - | 46,200 |
| | Heidelberg | 4758/ 28 | 1956 | 2342 | 14,700 | 23,500 | - | 23,500 | 700 | 38,900 | 6,500 | - | 45,400 |
| | Heidelberg | 4759/ 30 | 1956 | 2342 | 14,300 | 24,900 | - | 24,900 | 700 | 39,900 | 6,400 | - | 46,300 |
| | Stuttgart | 2429/ 19 | 1957 | 1636 | 9,700 | 20,600 | 357,200 | 377,800 | 600 | 30,900 | 4,000 | - | 34,900 |
| | Stuttgart | 2433/ 25 | 1957 | 1636 | 8,500 | 5,600 | 240,700 | 246,300 | 600 | 14,700 | 4,000 | - | 18,700 |
| | Stuttgart | 2434/ 24 | 1957 | 1636 | 12,000 | 21,300 | 192,600 | 213,900 | 600 | 33,900 | 4,000 | - | 37,900 |
| | Stuttgart | 2435/ 27 | 1957 | 1636 | 10,300 | 19,000 | 192,600 | 211,600 | 600 | 29,900 | 4,000 | - | 33,900 |
| | Stuttgart | 2436/ 26 | 1957 | 1636 | 10,300 | 21,300 | 337,000 | 358,300 | 600 | 32,200 | 4,000 | - | 36,200 |

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing

GENERAL/FLAG OFFICERS QUARTERS (Continued)

Anticipated Operations and Maintenance Expenditures Exceeding \$35K per Unit

| State/Country | Installation_Name | Qtrs# | Year Built | NSF | Operations | Maintenance | Repair | Total M&R | Security | Total | Utilities | Leases | Total O&M |
|---------------|---------------------|-------------|------------|------|------------|-------------|-----------|-----------|----------|---------|-----------|--------|-----------|
| | Stuttgart | 2437/ 29 | 1957 | 1636 | 10,300 | 32,600 | 240,700 | 273,300 | 600 | 43,500 | 4,000 | - | 47,500 |
| | Stuttgart | 2439/ 31 | 1957 | 1636 | 8,500 | 7,900 | 173,300 | 181,200 | 600 | 17,000 | 4,000 | - | 21,000 |
| | Stuttgart | 2443/ 35 | 1957 | 1636 | 8,500 | 5,600 | 173,300 | 178,900 | 600 | 14,700 | 4,000 | - | 18,700 |
| | Stuttgart | 2444/ 34 | 1957 | 1636 | 10,300 | 21,300 | 173,300 | 194,600 | 600 | 32,200 | 4,000 | - | 36,200 |
| | Stuttgart | 2445/ 37 | 1957 | 2153 | 11,200 | 19,700 | 192,600 | 212,300 | 600 | 31,500 | 5,300 | - | 36,800 |
| | Stuttgart | 2446/ 36 | 1957 | 1636 | 8,500 | 5,600 | 173,300 | 178,900 | 600 | 14,700 | 4,000 | - | 18,700 |
| | Stuttgart | 2447/ 39 | 1957 | 2153 | 11,200 | 19,700 | 298,500 | 318,200 | 600 | 31,500 | 5,300 | - | 36,800 |
| | Stuttgart | 2448/ 38 | 1957 | 1636 | 8,500 | 5,600 | 173,300 | 178,900 | 600 | 14,700 | 4,000 | - | 18,700 |
| | Stuttgart | 2449/ 50 | 1957 | 2885 | 16,400 | 35,400 | 308,100 | 343,500 | 900 | 52,700 | 7,000 | - | 59,700 |
| | Stuttgart | 2450/ 40 | 1957 | 2153 | 11,200 | 19,700 | 173,300 | 193,000 | 600 | 31,500 | 5,300 | - | 36,800 |
| | Stuttgart | 2451/ 44 | 1957 | 2153 | 13,600 | 22,000 | 173,300 | 195,300 | 600 | 36,200 | 5,300 | - | 41,500 |
| | Stuttgart | 2452/ 42 | 1957 | 2153 | 9,400 | 5,300 | 192,600 | 197,900 | 600 | 15,300 | 5,300 | - | 20,600 |
| | Stuttgart | 5372/ 39 | 1921 | 8179 | 44,900 | 37,600 | 1,396,100 | 1,433,700 | 6,400 | 88,900 | 37,100 | - | 126,000 |
| | Stuttgart | 3415/ 25 | 1957 | 2153 | 12,900 | 21,400 | - | 21,400 | 600 | 34,900 | 7,100 | - | 42,000 |
| | Stuttgart | 3417/ 33 | 1957 | 2885 | 13,700 | 35,400 | - | 35,400 | 900 | 50,000 | 7,000 | - | 57,000 |
| Italy | Vicenza/Camp Ederle | P00150/ 000 | 1986 | 2257 | 23,400 | 25,900 | - | 25,900 | - | 49,300 | 8,300 | - | 57,600 |
| Korea | Yongsan | SP004/ 401 | 1952 | 3825 | 10,000 | 23,200 | - | 23,200 | 2,100 | 35,300 | 11,500 | - | 46,800 |
| | Yongsan | SP004/ 421 | 1952 | 2777 | 7,600 | 23,100 | 52,300 | 75,400 | - | 30,700 | 3,200 | - | 33,900 |
| | Yongsan | SP004/ 433 | 1952 | 3669 | 8,300 | 26,700 | 83,600 | 110,300 | 5,200 | 40,200 | 8,300 | - | 48,500 |
| DC | Fort McNair | NPG01/ 001 | 1903 | 3184 | 46,500 | 74,500 | 170,000 | 244,500 | 1,000 | 122,000 | 43,600 | 0 | 165,600 |
| | Fort McNair | NPG02/ 002 | 1905 | 3184 | 46,500 | 69,500 | 0 | 69,500 | 1,000 | 117,000 | 43,600 | 0 | 160,600 |
| | Fort McNair | NPG03/ 003 | 1903 | 3184 | 41,500 | 42,500 | 0 | 42,500 | 1,000 | 85,000 | 43,600 | 0 | 128,600 |
| | Fort McNair | NPG04/ 004 | 1903 | 3169 | 41,500 | 42,500 | 0 | 42,500 | 1,000 | 85,000 | 43,600 | 0 | 128,600 |
| | Fort McNair | NPG05/ 005 | 1903 | 2876 | 46,500 | 74,500 | 320,000 | 394,500 | 1,000 | 122,000 | 43,600 | 0 | 165,600 |
| | Fort McNair | NPG06/ 006 | 1903 | 2834 | 41,500 | 42,500 | 0 | 42,500 | 1,000 | 85,000 | 43,600 | 0 | 128,600 |
| | Fort McNair | NPG07/ 007 | 1903 | 4436 | 41,500 | 42,500 | 0 | 42,500 | 1,000 | 85,000 | 45,000 | 0 | 130,000 |
| | Fort McNair | NPG08/ 008 | 1903 | 4057 | 46,500 | 74,500 | 120,000 | 194,500 | 1,000 | 122,000 | 45,000 | 0 | 167,000 |
| | Fort McNair | NPG09/ 009 | 1903 | 4278 | 46,500 | 74,500 | 200,000 | 274,500 | 1,000 | 122,000 | 43,600 | 0 | 165,600 |
| | Fort McNair | NPG10/ 010 | 1903 | 3169 | 41,500 | 42,500 | 0 | 42,500 | 1,000 | 85,000 | 44,000 | 0 | 129,000 |
| | Fort McNair | NPG11/ 011 | 1903 | 3169 | 41,500 | 42,500 | 200,000 | 242,500 | 1,000 | 85,000 | 43,000 | 0 | 128,000 |
| | Fort McNair | NPG12/ 012 | 1903 | 3169 | 41,500 | 42,500 | 0 | 42,500 | 1,000 | 85,000 | 44,000 | 0 | 129,000 |
| | Fort McNair | NPG13/ 013 | 1903 | 3169 | 41,500 | 42,500 | 0 | 42,500 | 1,000 | 85,000 | 44,000 | 0 | 129,000 |
| | Fort McNair | NPG14/ 014 | 1903 | 3169 | 46,500 | 74,500 | 0 | 74,500 | 1,000 | 122,000 | 44,000 | 0 | 166,000 |
| | Fort McNair | NPG15/ 015 | 1903 | 3169 | 41,500 | 42,500 | 0 | 42,500 | 1,000 | 85,000 | 44,000 | 0 | 129,000 |

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing

GENERAL/FLAG OFFICERS QUARTERS (Continued)

Anticipated Operations and Maintenance Expenditures Exceeding \$35K per Unit

| State/Country | Installation_Name | Qtrs# | Year Built | NSF | Operations | Maintenance | Repair | Total M&R | Security | Total | Utilities | Leases | Total O&M |
|---------------|---------------------|------------|------------|------|------------|-------------|-----------|------------|----------|-----------|-----------|---------|-----------|
| VA | Fort Myer | PG008/ 008 | 1903 | 4255 | 46,500 | 74,500 | 200,000 | 274,500 | 1,000 | 122,000 | 47,000 | 0 | 169,000 |
| | Fort Myer | PG007/ 007 | 1909 | 4707 | 41,500 | 35,500 | 0 | 35,500 | 1,000 | 78,000 | 49,000 | 0 | 127,000 |
| | Fort Myer | PG006/ 006 | 1908 | 7365 | 41,500 | 35,500 | 0 | 35,500 | 1,000 | 78,000 | 55,000 | 0 | 133,000 |
| | Fort Myer | PG005/ 005 | 1903 | 3405 | 46,500 | 64,500 | 0 | 64,500 | 1,000 | 112,000 | 42,000 | 0 | 154,000 |
| | Fort Myer | PG016/ 16A | 1908 | 2463 | 41,500 | 35,500 | 0 | 35,500 | 1,000 | 78,000 | 38,000 | 0 | 116,000 |
| | Fort Myer | PG016/ 16B | 1908 | 2463 | 41,500 | 35,500 | 0 | 35,500 | 1,000 | 78,000 | 38,000 | 0 | 116,000 |
| | Fort Myer | PG015/ 15A | 1908 | 2535 | 41,500 | 35,500 | 0 | 35,500 | 1,000 | 78,000 | 38,000 | 0 | 116,000 |
| | Fort Myer | PG015/ 15B | 1908 | 2324 | 41,500 | 35,500 | 0 | 35,500 | 1,000 | 78,000 | 38,000 | 0 | 116,000 |
| | Fort Myer | PG014/ 14A | 1903 | 1998 | 41,500 | 35,500 | 0 | 35,500 | 1,000 | 78,000 | 35,000 | 0 | 113,000 |
| | Fort Myer | PG014/ 14B | 1903 | 1927 | 46,500 | 63,500 | 30,000 | 93,500 | 1,000 | 111,000 | 34,000 | 0 | 145,000 |
| | Fort Myer | PG013/ 13A | 1903 | 1980 | 46,500 | 63,500 | 30,000 | 93,500 | 1,000 | 111,000 | 34,000 | 0 | 145,000 |
| | Fort Myer | PG013/ 13B | 1903 | 1973 | 46,500 | 63,500 | 140,000 | 203,500 | 1,000 | 111,000 | 34,000 | 0 | 145,000 |
| | Fort Myer | PG012/ 12A | 1892 | 2701 | 41,500 | 35,500 | 0 | 35,500 | 1,000 | 78,000 | 37,000 | 0 | 115,000 |
| | Fort Myer | PG012/ 12B | 1892 | 2774 | 41,500 | 35,500 | 0 | 35,500 | 1,000 | 78,000 | 37,000 | 0 | 115,000 |
| | Fort Myer | PG011/ 11A | 1892 | 2742 | 41,500 | 35,500 | 0 | 35,500 | 1,000 | 78,000 | 37,000 | 0 | 115,000 |
| | Fort Myer | PG011/ 11B | 1892 | 2951 | 41,500 | 35,500 | 0 | 35,500 | 1,000 | 78,000 | 37,000 | 0 | 115,000 |
| | Fort Myer | PG027/ 27A | 1903 | 3715 | 46,500 | 66,500 | 80,000 | 146,500 | 1,000 | 114,000 | 43,000 | 0 | 157,000 |
| | Fort Myer | PG027/ 27B | 1903 | 2718 | 41,500 | 35,500 | 0 | 35,500 | 1,000 | 78,000 | 41,000 | 0 | 119,000 |
| | Fort Myer | PS019/ 19A | 1932 | 2108 | 41,500 | 42,500 | 0 | 42,500 | 1,000 | 85,000 | 35,000 | 0 | 120,000 |
| | Fort Myer | PS019/ 19B | 1932 | 1796 | 41,500 | 35,500 | 0 | 35,500 | 1,000 | 78,000 | 34,000 | 0 | 112,000 |
| | Fort Myer | PG026/ 26A | 1896 | 2999 | 41,500 | 35,500 | 0 | 35,500 | 1,000 | 78,000 | 39,000 | 0 | 117,000 |
| | Fort Myer | PG025/ 25B | 1896 | 2594 | 41,500 | 35,500 | 0 | 35,500 | 1,000 | 78,000 | 38,000 | 0 | 116,000 |
| | Fort Myer | PG024/ 24B | 1896 | 2682 | 41,500 | 35,500 | 0 | 35,500 | 1,000 | 78,000 | 38,000 | 0 | 116,000 |
| | Fort Myer | PG023/ 23A | 1896 | 2778 | 41,500 | 35,500 | 0 | 35,500 | 1,000 | 78,000 | 39,000 | 0 | 117,000 |
| | Fort Myer | PG002/ 002 | 1899 | 3618 | 46,500 | 69,500 | 180,000 | 249,500 | 1,000 | 117,000 | 42,000 | 0 | 159,000 |
| | Fort Myer | PG001/ 001 | 1899 | 8460 | 41,500 | 39,500 | 0 | 39,500 | 1,000 | 82,000 | 59,500 | 0 | 141,500 |
| IL | Rock Island Arsenal | 004/ 4 | 1872 | 4455 | 10,000 | 19,100 | 30,000 | 49,100 | 0 | 29,100 | 10,600 | 0 | 39,700 |
| | Rock Island Arsenal | 006/ 6 | 1905 | 5865 | 7,800 | 19,700 | 70,000 | 89,700 | 0 | 27,500 | 10,600 | 0 | 38,100 |
| FL | Miami/SOUTHCOM | 3501/ SCCC | 1947 | 4857 | 17,800 | 50,500 | 0 | 50,500 | 32,500 | 100,800 | 23,500 | 66,000 | 190,300 |
| Total | | | | | 2,460,000 | 3,134,000 | 7,194,900 | 10,328,900 | 194,300 | 5,788,300 | 2,167,800 | 858,700 | 8,814,800 |

DEPARTMENT OF ARMY
 Fiscal Year (FY) 2012 Budget Estimate
 Army Family Housing
 GENERAL/FLAG OFFICERS QUARTERS (GFOQ)
 6,000 NSF Units for Fiscal Year 2012
 (Dollars in Thousands)

| State/ Country | Installation | Quarters ID | Year Built | Size NSF | Total FH O&M Cost | Alternative Use | Cost to Convert Unit | If O&M >\$35K Demolish & Rebuild Cost |
|--------------------------|---------------------|----------------|---------------|-------------|----------------------|---|-------------------------|---|
| Belgium | NSSG/Chievres | PQ001 / 001 | 1892 | 10,010 | 166.0 | GFOQ is owned by the host nation. | N/A | N/A |
| Germany | Stuttgart | 5372/39 | 1921 | 8,179 | 1,522.0 | GFOQ is owned by the host nation. Congress directed the Army to retain this symbolic quarters in 2002 (C.R. 107-731) | N/A | N/A |
| U.S. Virginia | Fort Myer | PG001 / 001 | 1899 | 8,460 | 141.5 | The Fort Myer National Historic Landmark District is comprised of 64 buildings which includes Quarters 1 | N/A | N/A |
| | Fort Myer | PG006 / 006 | 1908 | 7,365 | 133.0 | The Fort Myer National Historic Landmark District is comprised of 64 buildings which includes Quarters 6 | N/A | N/A |
| TOTAL: | 4 GFOQ Units | | | | 1,962.5 | | \$. | \$. |

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (GFOQ)

| Privatized GFOQ Report | | | | | | |
|--|-------------------|--------------|------------|----------|-----------------------|--|
| Privatized General and Flag Officers' Quarters Operation, Maintenance and Repair Costs Incurred by Private Sector Developer/Partner/Owner Fiscal Year 2010 (Dollars in Thousands) | | | | | | |
| State / Country | Installation | Quarters ID | Year Built | Size NSF | Total OMR Cost YTD | Comments |
| TX | Ft. Sam Houston | Staff Post 6 | 1881 | 8,000 | \$59,320 | Repair Water line and leaks |
| PA | Carlisle Barracks | Quarters 1 | 1930 | 8,000 | \$68,997 | October 2009 through September 2010 all utilities included |
| NY | West Point | #100 | 1820 | 16,657 | \$50,871 | Utilities Included |
| NY | West Point | #101 | 1821 | 7,325 | \$58,882 | Utilities Included |

February 2011

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing

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DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
UTILITIES ACCOUNT

| (\$ in Thousands) | |
|------------------------------------|-----------|
| FY 2012 Budget Request | \$ 73,637 |
| FY 2011 Current Estimate | \$ 69,655 |
| FY 2011 President's Budget Request | \$ 69,655 |

This program provides for utility services for Army Family Housing that include electricity, natural gas, propane, steam/hot water, fuel oil, coal, water and sewage.

Utility requirements are estimated based on historic, per unit expenditures that have been adjusted for non-pay and fuel inflation, and for changes to foreign currency exchange rates. Adjustments are made for non-pay and fuel inflation and currency fluctuation from OSD-prescribed rates. A modest programmatic adjustment is made for payments for Energy Savings Performance Contracts (ESPC) at installations where the Family housing has been privatized.

The annual energy consumption reduction goal of three percent is reflected in the program. As in prior years, FY 2012 construction and major maintenance and repair projects will contribute to meeting energy reduction goals.

EFFECT OF PRIVATIZATION

The Army's scheduled program of Family housing privatization has been fulfilled with the final transfer of Army-owned units. There should be no additional effects due to privatization.

DEPARTMENT OF ARMY
 Fiscal Year (FY) 2012 Budget Estimate
 Army Family Housing
UTILITIES
 RECONCILIATION OF INCREASES AND DECREASES
 EXHIBIT OP-5

| | \$ In Thousands |
|---|-----------------|
| 1. FY 2011 President Budget Request | 69,655 |
| 2. FY 2011 Current Estimate | 69,555 |
| 3. Price Adjustments: | 3,384 |
| a. Non-Pay Inflation | 313 |
| b. Fuel Inflation | 1,461 |
| b. Currency Fluctuation Adjustment | 1,610 |
| 4. Program Adjustments: Payments for Energy Savings Performance Contracts (ESPC) at privatized sites | 698 |
| 5. FY 2012 President's Budget Request | 73,637 |

DEPARTMENT OF ARMY
 Fiscal Year (FY) 2012 Budget Estimate
 Army Family Housing
 UTILITIES
 Exhibit FH-10

| | <u>FY2010</u> | <u>FY2011</u> | <u>FY2012*</u> |
|---------------------------------|---------------|---------------|----------------|
| Total Cost of Utilities (\$000) | \$92,283 | \$69,655 | \$73,637 |
| Utility Quantities: | | | |
| Electricity (KwH) | 298,596,873 | 227,438,164 | 213,339,931 |
| Heating: | | | |
| Gas (BBL) | 4,699,928 | 3,579,887 | 3,428,174 |
| Fuel Oil (BBL) | 57,039 | 43,446 | 40,753 |
| Purchased Steam (MBTU) | 2,217,659 | 1,689,168 | 1,601,023 |
| Propane (BBL) | 7,969 | 6,070 | 5,515 |
| Water (Kgal) | 3,166,035 | 2,411,536 | 2,238,410 |
| Sewage (Kgal) | 2,629,471 | 2,002,841 | 1,878,691 |

*For FY 2012, total cost includes payments made for Energy Savings Performance Contracts that are unrelated to use of any commodity.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing

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DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
LEASING ACCOUNT
(\$ in Thousands)

| | |
|------------------------------------|------------|
| FY 2012 Budget Request | \$ 204,426 |
| FY 2011 Current Estimate | \$ 203,184 |
| FY 2011 President's Budget Request | \$ 203,184 |

PURPOSE AND SCOPE

The purpose of the leasing program is to provide Family housing at both domestic and foreign locations when additional housing is needed to satisfy a housing deficit and the private sector cannot provide adequate support. The leasing program, authorized by both 10 U.S.C. 2828 and 10 U.S.C. 2835, provides for the payment of rent, operating, and maintenance costs of privately-owned quarters that are assigned to military Families as government quarters. The program also includes funds needed to pay for services, such as utilities, refuse collection, and maintenance, when these services are not priced as part of the lease contract.

The Army continues to rely on the private sector to meet the majority of housing needs. The Army leases Family housing where affordable and adequate rentals are not readily available. In high cost areas, the Army leases housing that Service Members cannot ordinarily afford.

Leasing requirements are projections submitted by installations. The requests are validated against historic execution rates and known programmatic changes. The amounts are further adjusted by non-pay inflation and changes in foreign currency exchange rates.

PROGRAM SUMMARY

Authorization and appropriation are requested for \$204,426 to fund leases and related expenses in FY 2012. A summary of the leasing program follows:

| <u>Lease Type</u> | <u>FY 2010 (Actual)</u> | | <u>FY 2011 (Current Est)</u> | | <u>FY 2012 (Request)</u> | |
|-------------------|-------------------------|-------------------|------------------------------|-------------------|--------------------------|-------------------|
| | <u>Leases Supported</u> | <u>Cost \$000</u> | <u>Leases Supported</u> | <u>Cost \$000</u> | <u>Leases Supported</u> | <u>Cost \$000</u> |
| Domestic | 1,098 | 26,192 | 1,512 | 34,594 | 1,612 | 39,370 |
| Section 2835 | 1,080 | 14,979 | 630 | 9,075 | 330 | 5,954 |
| Foreign less GRHP | 5,936 | 145,653 | 6,007 | 159,189 | 5,764 | 158,919 |
| GRHP | 15 | 318 | 15 | 326 | 11 | 183 |
| Total | 8,129 | 187,142 | 8,164 | 203,184 | 7,717 | 204,426 |

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
LEASING ACCOUNT (Continued)

JUSTIFICATION:

Domestic Leasing: The domestic leasing program provides temporary housing for Army Families pending availability of permanent housing. A modest increase in the number of domestic leases is expected in FY 2012. This is due primarily to an increased need for leased Family Housing at Forts Bliss, Drum, and Camp Shelby recognized in FY 2011. It is expected that the number of independent duty leases for geographically displaced Soldiers and Army Families will remain relatively constant during FY 2012; these independent duty leases support the U.S. Army Recruiting Command, Cadet Command, and the Active and Reserve Components.

Section 2835 (also known as Section 801 housing): Between 1987 and 1993, the Army leased a total of 4,080 Family housing units from private sector developers for 20 years at 7 installations under the provisions of 10 U.S.C. 2835, Long Term Leasing of Military Family Housing To Be Constructed. This program reduced domestic Family housing deficits at installations where Army Families were most seriously affected by housing shortages. In FY 2012, there will only be 330 houses leased under Section 2835 at 2 locations - Fort Bragg (250 houses) and Fort McCoy (80 houses). Funding is requested to continue payment of lease costs and operation and maintenance expenses for these leases.

Foreign Leasing: The FY 2012 foreign leasing program request consists of 5,775 leased units. This represents a small decrease in leasing in Europe due to re-stationing. The number of housing units leased in Korea is expected to continue to be fairly stable as the consolidation of forces in Korea under the Yongsan Relocation Program (YRP) continues during FY 2012.

PROGRAM ADJUSTMENTS

The expiration of Section 2835 leases is the significant and major program reduction factor. This is offset by increases in foreign lease costs in Korea and domestic lease increases.

EFFECT OF PRIVATIZATION

The housing privatization program has no direct effect on the leasing account because current plans do not include leases in any privatization project. However, it is expected that, all things being equal, the increase in housing stocks resulting from privatization project completions will lessen the need for domestic leased Army Family housing in the near future.

DEPARTMENT OF ARMY
 Fiscal Year (FY) 2012 Budget Estimate
 Army Family Housing
LEASING
 RECONCILIATION OF INCREASES AND DECREASES
 EXHIBIT OP-5

\$ In Thousands

| | | |
|----|---|----------------|
| 1. | FY 2011 President Budget Request | 203,184 |
| 2. | FY 2011 Current Estimate | 203,184 |
| 3. | Price Adjustments: Currency Flunctuation | -1,602 |
| | a. Non-Pay Inflation | 1,006 |
| | b. Currency Fluctuation Adjustment | -2,608 |
| 4. | Program Adjustments: leasing requirements | 2,844 |
| 5. | FY 2012 President's Budget Request | 204,426 |

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing

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DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
LEASING ACCOUNT, FH-4 DISPLAY

| | FY 2010 (Actual) | | | FY 2011 (Current Est) | | | FY 2012 (Request) | | |
|-------------------------------|------------------|---------------|---------------|-----------------------|---------------|---------------|-------------------|---------------|---------------|
| | Units Supported | Lease Months | (\$000) | Units Supported | Lease Months | (\$000) | Units Supported | Lease Months | (\$000) |
| DOMESTIC LEASING | | | | | | | | | |
| Independent Duty* | 593 | 7,116 | 14,253 | 600 | 7,200 | 14,700 | 600 | 7,200 | 14,797 |
| Hattiesburg | 189 | 2,268 | 4,012 | 228 | 2,736 | 4,841 | 228 | 2,736 | 5,049 |
| Rock Island Arsenal | 50 | 600 | 1,123 | 77 | 647 | 1,386 | 77 | 924 | 1,820 |
| Fort Drum | 85 | 1,020 | 1,997 | 100 | 840 | 2,350 | 100 | 1,200 | 2,400 |
| Fort Bliss | 118 | 1,416 | 2,780 | 450 | 2,700 | 9,213 | 550 | 6,600 | 13,200 |
| Miami FL | 63 | 756 | 2,027 | 57 | 684 | 2,104 | 57 | 684 | 2,104 |
| Subtotal Domestic | 1,098 | 13,176 | 26,192 | 1,512 | 14,807 | 34,594 | 1,612 | 19,344 | 39,370 |
| Section 2835 (801) | | | | | | | | | |
| Bliss | 300 | 3,600 | 4,398 | 300 | 2,250 | 2,850 | 0 | 0 | 0 |
| Bragg | 250 | 3,000 | 3,180 | 250 | 3,000 | 4,249 | 250 | 3,000 | 4,437 |
| Drum | 300 | 3,600 | 5,336 | 0 | 0 | 0 | 0 | 0 | 0 |
| McCoy | 80 | 960 | 1,930 | 80 | 960 | 1,976 | 80 | 960 | 1,517 |
| Wainwright | 150 | 150 | 135 | 0 | 0 | 0 | 0 | 0 | 0 |
| Subtotal Section 2835 | 1,080 | 11,310 | 14,979 | 630 | 6,210 | 9,075 | 330 | 3,960 | 5,954 |
| Total Domestic Leasing | 2,178 | 24,486 | 41,171 | 2,142 | 21,017 | 43,669 | 1,942 | 23,304 | 45,324 |

* Independent Duty includes recruiters, military students, and ROTC instructors where duty station is not located near a DoD installation.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
LEASING ACCOUNT, FH-4 DISPLAY (Continued)

| | FY 2010 (Actual) | | | FY 2011 (Current Est) | | | FY 2012 (Request) | | |
|-------------------------|------------------|---------------|----------------|-----------------------|---------------|----------------|-------------------|---------------|----------------|
| | Units Supported | Lease Months | (\$000) | Units Supported | Lease Months | (\$000) | Units Supported | Lease Months | (\$000) |
| FOREIGN LEASING | | | | | | | | | |
| EUSA (Korea) | | | | | | | | | |
| Korea | 962 | 11,544 | 23,448 | 962 | 11,544 | 26,807 | 962 | 11,544 | 28,937 |
| Total Korea | 962 | 11,544 | 23,448 | 962 | 11,544 | 26,807 | 962 | 11,544 | 28,937 |
| USAREUR | | | | | | | | | |
| Belgium | 326 | 3,912 | 12,761 | 326 | 3,912 | 15,787 | 189 | 2,268 | 8,493 |
| Germany | 3,817 | 45,804 | 80,982 | 3,843 | 46,116 | 85,472 | 3,427 | 41,124 | 73,730 |
| Italy | 473 | 5,676 | 12,385 | 513 | 6,156 | 14,057 | 821 | 9,852 | 29,972 |
| Netherlands | 157 | 1,884 | 5,517 | 161 | 1,932 | 5,680 | 143 | 1,716 | 5,100 |
| Subtotal USAREUR | 4,773 | 57,276 | 111,645 | 4,843 | 58,116 | 120,996 | 4,580 | 54,960 | 117,295 |
| GRHP (Germany) | 15 | 180 | 318 | 15 | 180 | 326 | 11 | 132 | 183 |
| Total USAREUR | 4,788 | 57,456 | 111,963 | 4,858 | 58,296 | 121,322 | 4,591 | 55,092 | 117,478 |
| Other Foreign | | | | | | | | | |
| Albania | 1 | 12 | 65 | 1 | 12 | 67 | 1 | 12 | 69 |
| Argentina | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 12 | 37 |
| Armenia | 1 | 12 | 64 | 1 | 12 | 67 | 1 | 12 | 45 |
| Austria | 4 | 48 | 181 | 4 | 48 | 184 | 2 | 24 | 50 |
| Azerbaijan | 1 | 12 | 41 | 1 | 12 | 43 | 1 | 12 | 47 |
| Bangladesh | 1 | 12 | 74 | 1 | 12 | 74 | 2 | 24 | 110 |
| Belgium | 2 | 24 | 114 | 2 | 24 | 118 | 2 | 24 | 125 |
| Bosnia & Herzegovina | 1 | 12 | 43 | 1 | 12 | 45 | 1 | 12 | 50 |
| Botswana | 1 | 12 | 50 | 1 | 12 | 50 | 1 | 12 | 53 |
| Brazil | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 12 | 93 |
| Bulgaria | 1 | 12 | 53 | 1 | 12 | 55 | 1 | 12 | 58 |
| Cameroon | 1 | 12 | 30 | 1 | 12 | 30 | 2 | 24 | 112 |
| Chili | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 12 | 74 |
| Congo | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 12 | 56 |
| Croatia | 1 | 12 | 60 | 1 | 12 | 62 | 1 | 12 | 65 |

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
LEASING ACCOUNT, FH-4 DISPLAY (Continued)

| FOREIGN LEASING continued | FY 2010 (Actual) | | | FY 2011 (Current Est) | | | FY 2012 (Request) | | |
|---------------------------|------------------|--------|---------|-----------------------|--------|---------|-------------------|--------|---------|
| | Units | Lease | (\$000) | Units | Lease | (\$000) | Units | Lease | (\$000) |
| | Supported | Months | | Supported | Months | | Supported | Months | |
| Czech Republic | 2 | 24 | 161 | 2 | 24 | 164 | 2 | 24 | 147 |
| Denmark | 2 | 24 | 141 | 2 | 24 | 150 | 2 | 24 | 154 |
| Djibouti | 1 | 12 | 46 | 1 | 12 | 58 | 1 | 12 | 44 |
| Dominican Republic | 3 | 36 | 95 | 3 | 36 | 95 | 0 | 0 | 0 |
| Ecuador | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 74 |
| Egypt | 2 | 24 | 117 | 2 | 24 | 117 | 1 | 12 | 61 |
| El Salvador | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 12 | 37 |
| Estonia | 1 | 12 | 63 | 1 | 12 | 65 | 1 | 12 | 64 |
| Ethiopia | 1 | 12 | 62 | 1 | 12 | 64 | 1 | 12 | 51 |
| France | 4 | 48 | 231 | 4 | 48 | 245 | 2 | 24 | 192 |
| Gabon | 1 | 12 | 57 | 1 | 12 | 59 | 1 | 12 | 57 |
| Georgia | 1 | 12 | 48 | 1 | 12 | 49 | 1 | 12 | 75 |
| Germany (Unified) | 3 | 36 | 150 | 3 | 36 | 160 | 3 | 36 | 160 |
| Ghana | 2 | 24 | 124 | 2 | 24 | 128 | 2 | 24 | 106 |
| Greece | 3 | 36 | 186 | 3 | 36 | 188 | 1 | 12 | 92 |
| Guatemala | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 48 | 144 |
| Guyana | 1 | 12 | 58 | 1 | 12 | 58 | 0 | 0 | 0 |
| Hungary | 2 | 24 | 126 | 2 | 24 | 135 | 3 | 36 | 165 |
| India | 1 | 12 | 30 | 1 | 12 | 30 | 0 | 0 | 0 |
| Indonesia | 1 | 12 | 38 | 1 | 12 | 38 | 2 | 24 | 134 |
| Israel | 2 | 24 | 111 | 2 | 24 | 115 | 2 | 24 | 116 |
| Italy | 4 | 48 | 271 | 4 | 48 | 271 | 5 | 60 | 358 |
| Jamaica | 1 | 12 | 57 | 1 | 12 | 60 | 0 | 0 | 0 |
| Jordan | 3 | 36 | 115 | 3 | 36 | 132 | 4 | 48 | 148 |
| Kenya | 14 | 168 | 712 | 14 | 168 | 723 | 15 | 180 | 755 |
| Korea | 1 | 12 | 20 | 1 | 12 | 20 | 1 | 12 | 20 |
| Kosovo | 1 | 12 | 66 | 1 | 12 | 69 | 1 | 12 | 71 |
| Kuwait | 38 | 456 | 1,343 | 38 | 456 | 1,343 | 38 | 456 | 1,375 |
| Kyrgyzstan | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 12 | 75 |

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
LEASING ACCOUNT, FH-4 DISPLAY (Continued)

| FOREIGN LEASING continued | FY 2010 (Actual) | | | FY 2011 (Current Est) | | | FY 2012 (Request) | | |
|----------------------------------|------------------|--------------|---------|-----------------------|--------------|---------|-------------------|--------------|---------|
| | Units Supported | Lease Months | (\$000) | Units Supported | Lease Months | (\$000) | Units Supported | Lease Months | (\$000) |
| Latvia | 1 | 12 | 47 | 1 | 12 | 51 | 1 | 12 | 47 |
| Liberia | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 12 | 62 |
| Lithuania | 1 | 12 | 71 | 1 | 12 | 72 | 1 | 12 | 97 |
| Macedonia | 1 | 12 | 78 | 1 | 12 | 83 | 1 | 12 | 61 |
| Malaysia | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 12 | 50 |
| Marutania | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 12 | 56 |
| Mexico | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 12 | 37 |
| Moldova | 1 | 12 | 36 | 1 | 12 | 38 | 1 | 12 | 42 |
| Montenegro | 1 | 12 | 47 | 1 | 12 | 48 | 1 | 12 | 53 |
| Morocco | 3 | 36 | 198 | 3 | 36 | 204 | 2 | 24 | 133 |
| Mozambique | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 12 | 51 |
| Nigeria | 1 | 12 | 80 | 1 | 12 | 83 | 1 | 12 | 80 |
| Norway | 1 | 12 | 59 | 2 | 24 | 161 | 2 | 24 | 169 |
| Oman | 1 | 12 | 36 | 1 | 12 | 36 | 0 | 0 | 0 |
| Pakistan | 1 | 12 | 30 | 1 | 12 | 30 | 2 | 24 | 35 |
| Paraguay | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 12 | 37 |
| Peru | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 24 | 74 |
| Philippines | 1 | 12 | 45 | 1 | 12 | 45 | 2 | 24 | 100 |
| Poland | 2 | 24 | 107 | 2 | 24 | 111 | 3 | 36 | 163 |
| Portugal | 1 | 12 | 60 | 1 | 12 | 62 | 1 | 12 | 63 |
| Qatar | 46 | 552 | 3,200 | 46 | 552 | 3,700 | 46 | 552 | 3,788 |
| Romania | 2 | 24 | 125 | 2 | 24 | 130 | 5 | 60 | 299 |
| Russia | 1 | 12 | 75 | 1 | 12 | 75 | 2 | 24 | 200 |
| Senegal | 3 | 36 | 127 | 3 | 36 | 131 | 3 | 36 | 149 |
| Serbia and Montenegro | 2 | 24 | 100 | 2 | 24 | 104 | 2 | 24 | 131 |
| Singapore | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 24 | 53 |
| Slovakia | 1 | 12 | 41 | 1 | 12 | 43 | 1 | 12 | 40 |
| Slovenia | 1 | 12 | 64 | 1 | 12 | 67 | 1 | 12 | 75 |
| South Africa | 1 | 12 | 60 | 1 | 12 | 63 | 1 | 12 | 58 |

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
LEASING ACCOUNT, FH-4 DISPLAY (Continued)

| | FY 2010 (Actual) | | | FY 2011 (Current Est) | | | FY 2012 (Request) | | |
|---|------------------|---------------|----------------|-----------------------|---------------|----------------|-------------------|---------------|----------------|
| | Units Supported | Lease Months | (\$000) | Units Supported | Lease Months | (\$000) | Units Supported | Lease Months | (\$000) |
| FOREIGN LEASING <i>continued</i> | | | | | | | | | |
| Suriname | 2 | 24 | 75 | 2 | 24 | 75 | 0 | 0 | 0 |
| Tanzania | 1 | 12 | 54 | 1 | 12 | 56 | 1 | 12 | 55 |
| Tunisia | 4 | 48 | 182 | 4 | 48 | 205 | 3 | 36 | 176 |
| Turkey | 10 | 120 | 321 | 10 | 120 | 335 | 11 | 132 | 424 |
| Uganda | 1 | 12 | 52 | 1 | 12 | 54 | 1 | 12 | 38 |
| Ukraine | 1 | 12 | 52 | 1 | 12 | 60 | 2 | 24 | 125 |
| Vietnam | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 24 | 53 |
| Total Other Foreign | 201 | 2,412 | 10,560 | 202 | 2,424 | 11,386 | 222 | 2,652 | 12,687 |
| Total Foreign Leasing | 5,951 | 71,412 | 145,971 | 6,022 | 72,264 | 159,515 | 5,775 | 69,288 | 159,102 |
| TOTAL LEASING | 8,129 | 95,898 | 187,142 | 8,164 | 93,281 | 203,184 | 7,717 | 92,592 | 204,426 |

DEPARTMENT OF ARMY
 Fiscal Year (FY) 2012 Budget Estimate
 Army Family Housing
 LEASING ACCOUNT (Continued)
 FY 2012 SUMMARY SHEET FOR FOREIGN HIGH COST LEASES

| <u>COUNTRY</u> | <u>TOTAL LEASES</u> | <u>HIGH COST LEASES</u> | <u>FY 1988 FOREIGN CURRENCY</u> | <u>FY 1988 EXCHANGE RATE</u> | <u>FY 2012 BUDGET RATE</u> | <u>FY 2012 EST. THRESHOLD</u> |
|----------------|-------------------------|---------------------------------|---|--------------------------------------|------------------------------------|-----------------------------------|
| Belgium | 328 | 14 | B Franc | 42.77 | 0.7491 (Euro) | \$63,145 |
| Netherlands | 161 | 2 | Guilder | 2.33 | 0.7491 (Euro) | \$62,970 |

The threshold for classifying foreign leases as high cost leases is determined by first adjusting the \$20,000 authority for CPI changes. If the country uses the Euro, then the CPI-adjusted \$20,000 (\$25,000 in Italy) authority is multiplied by the conversion-to-Euro factor (FY 1988 currency rate divided by the official, permanent Euro conversion rate) and then further adjusted by the current Euro budget rate. For non-EU countries, the CPI-adjusted \$20,000 (\$25,000 and \$35,000 in Korea) authority is adjusted for exchange changes since FY 1988. Leases exceeding a country's threshold are counted against the Army's high cost lease allocation.

Example: Belgium Franc

| <u>\$20K CPI Est. FY 2012</u> | | <u>FY 1988 Rate</u> | | <u>Permanent Belgium Franc to Euro Conversion Rate</u> | | <u>FY 2012 Euro Budget Rate</u> | | <u>FY 2012 High Cost Threshold</u> |
|-----------------------------------|---|---------------------|---|--|---|-------------------------------------|---|--|
| \$44,614 | x | 42.77 | ÷ | 40.3399 | ÷ | 0.7491 | = | \$63,145 |

Note: Other Foreign Support Programs (which include Foreign Area Officer Leases, Offices of Defense Cooperation, and School of Other Nations Program leases) participate in the Department of State Housing Pool and are not subject to the maximum lease amounts cited for foreign leases in Section 2828(e)(1) of Title 10, United States Code. Clarification of Participation in Department of State Housing Pools is discussed in Section 2834 of Title 10, United States Code.

DEPARTMENT OF ARMY
 Fiscal Year (FY) 2012 Budget Estimate
 Army Family Housing
 MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI)

(\$ in Thousands)

| | |
|------------------------------------|----------|
| FY 2012 Budget Request | \$25,741 |
| FY 2011 Current Estimate | \$27,059 |
| FY 2011 President's Budget Request | \$27,059 |

MHPI Background

The Department of Army continues to employ the tools authorized by the Military Housing Privatization Initiatives (MHPI) Act to implement an aggressive Family housing privatization program. The goal of this program is to improve the well being of Army Families by providing quality, affordable Family housing in the United States (U.S.) at locations where adequate local housing is not available. The Residential Communities Initiative (RCI) program is a key component of the Army's strategy to ensure long term sustainment of quality residential communities for Soldiers and their Families.

The Army selected highly qualified private sector business partners to construct, renovate, repair, maintain, and operate Family housing units, grounds, and other community facilities in the Family housing area. The Army and the developers negotiated a comprehensive Community Development and Management Plan (CDMP). The CDMP includes the development scope and schedule, management and operations plan, and financing plan. Following Congressional approval of the CDMP, the Army and the developers executed final business agreements defining the partnerships. The agreements include a ground lease of the Family housing footprint, conveyance of housing units and other facilities to the developers, and operating agreements describing the partners' responsibilities. Typically, the partnership agreement is for a 50-year period with a 25-year option. The Army maintains oversight of the project through a rigorous portfolio and asset management process. This process tracks compliance with the CDMP schedule for renovation and construction, and also monitors the financial health and stability of the project.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)

RCI Program Status

The Army's scheduled RCI program is fulfilled with over 85,000 privatized end state units at 44 Army locations, representing over 98% of the on-post Family housing inventory in the U.S. (see details at Exhibit FH-6). The total investment during the initial development period of these projects is about \$12.6 billion, of which the Army will have invested just under \$2.0 billion. The initial development period, which varies from 3 to 14 years, is the timeframe in which all inadequate homes in a project/installation will be renovated or replaced, and construction of additional units is completed. At the beginning of FY 2011, the Army transitioned the Family housing at Ft. Richardson, AK to the Air Force under Joint Basing, and is subject to their privatization. Oversight of the entire RCI program has moved into the Portfolio and Asset Management (PAM) phase. The Army may consider future Family housing privatization where needed and feasible.

Construction Funds for MHPI

For the first time since the beginning of the RCI program, the Army Family Housing Construction (AFHC) budget request for FY 2012 includes no requirements for government investment for Family housing privatization projects.

Explanation of AFHO Budget Request

The FY 2012 funding provides \$25,741,000 for RCI program management, oversight and operations. Funding will support civilian pay, travel, and contracts for environmental and real estate functions, training, and real estate and financial consultant services. Pricing adjustment in Exhibit OP-5 is based on OSD prescribed non-pay inflation factors.

The budget request is based on cost factors associated with staffing and workload projections. Workload is driven by the number of installations in the post-privatization PAM phase and the number of anticipated project major decision actions. The applied cost factors for work elements of each phase are based on experience and established fees.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)

The table below summarizes FY 2012 RCI program costs (\$ in Thousands).

| | |
|---|--------------|
| Program/Project Management and Oversight | \$16,241 |
| Environmental/Real Estate/Training (U.S. Army Corps of Engineers Services) | \$ 2,300 |
| Real Estate and Finance Advisory Services | \$ 500 |
| Portfolio Management Advisory Support | \$6,700 |
| Total | \$25,741 |

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
PRIVATIZATION
RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

| | \$ In Thousands |
|--|-----------------|
| 1. FY 2011 President Budget Request | 27,059 |
| 2. FY 2011 Current Estimate | 27,059 |
| 3. Price Adjustments: Non-Pay Inflation | 406 |
| 4. Program Adjustments: Reduced program management | -1,724 |
| 5. FY 2012 President's Budget Request | 25,741 |

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI)
FY 2012 Privatization Project Awards¹

| Installation | Contract Award | Type of Financing | \$M | Term Years | Units Conveyed | Renovate ² | Replace | Add |
|---|-----------------|-------------------|-----------|------------|----------------|-----------------------|-------------------|----------------------|
| | Transfer Ops | | | | | | | |
| Ft. Carson, CO | Award Sep-99 | Direct Investment | \$135.900 | 50 | 1,823 | Yr 1-5 1,823 | Yr 1-5 8 | 1,633 |
| | Transfer Nov-99 | Loan Guarantee | \$10.131 | | | Yr 6-50 1,207 | Yr 6-50 1,823 | |
| Ft. Hood, TX | Award Jun-00 | Direct Investment | \$52.000 | 50 | 5,622 | Yr 1-5 1,624 | Yr 1-5 684 | 290 |
| | Transfer Oct-01 | | | | | Yr 6-50 7,277 | Yr 6-50 1,895 | |
| Ft. Lewis/ McChord AFB, WA (McChord, in Oct 08) | Award Aug-00 | Direct Investment | \$88.900 | 50 | 4,615 | Yr 1-14 3,027 | Yr 1-14 849 | 728 (Ft. Lewis) |
| | Transfer Apr-02 | | | | | Yr 15-50 1,524 | Yr 15-50 2,573 | |
| Ft. Meade, MD | Award Mar-01 | None | \$0.000 | 50 | 2,862 | Yr 1-10 1,509 | Yr 1-10 856 | - |
| | Transfer May-02 | | | | | Yr 11-50 968 | Yr 11-50 1,659 | |
| Ft. Bragg, NC (includes former Pope AFB in Dec 2007) | Award May-02 | Direct Investment | \$99.237 | 50 | 5,373 | Yr 1-10 2,625 | Yr 1-10 1,204 | 1,099 |
| | Transfer Aug-03 | | | | | Yr 11-50 4,430 | Yr 11-50 1,775 | |
| Presidio of Monterey/ Navy Postgraduate School, CA | Award Jul-02 | None | \$0.000 | 50 | 2,268 | Yr 1-10 328 | Yr 1-10 1,028 | - |
| | Transfer Oct-03 | | | | | Yr 11-50 1,441 | Yr 11-50 1,443 | |
| Ft. Stewart/ Hunter Army Airfield, GA | Award Dec-02 | Direct Investment | \$42.575 | 50 | 2,926 | Yr 1-8 1,597 | Yr 1-8 1,092 | 776 (Ft. Stewart) |
| | Transfer Nov-03 | | | | | Yr 9-50 2,098 | Yr 9-50 3,852 | |

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)
FY 2012 Privatization Project Awards¹

| Installation | Contract Award | Type of Financing | \$M | Term Years | Units Conveyed | Renovate ² | Replace | Add |
|---|-----------------|--|----------|------------|----------------|-----------------------|-------------------|--|
| | Transfer Ops | | | | | | | |
| Fort Campbell, KY | Award Aug-02 | Direct Investment | \$88.105 | 50 | 4,235 | Yr 1-7 1,013 | Yr 1-7 1,011 | 222 |
| | Transfer Dec-03 | | | | | Yr 8-50 3,684 | Yr 8-50 1,741 | |
| Ft. Belvoir | Award Sep-02 | None | \$0.000 | 50 | 2,070 | Yr 1-8 694 | Yr 1-8 1,154 | 36 |
| | Transfer Dec-03 | | | | | Yr 9-50 1,190 | Yr 9-50 916 | |
| Ft. Irwin/ Moffett Fed Airfield/ Parks RFTA, CA | Award Sep-02 | Direct Investment | \$87.660 | 50 | 2,290 | Yr 1-8 261 | Yr 1-8 310 | 700 (517 Ft. Irwin, 85 Moffett, 101 Parks) |
| | Transfer Mar-04 | | | | | Yr 9-50 3,843 | Yr 9-50 1,535 | |
| Ft. Hamilton, NY | Award Apr-03 | Direct Investment | \$5.175 | 50 | 293 | Yr 1-5 43 | Yr 1-5 185 | - |
| | Transfer Jun-04 | | | | | Yr 6-50 228 | Yr 6-50 0 | |
| Ft. Detrick, MD/ Walter Reed Army Med Ctr, DC | Award Jul-03 | Direct Investment | \$1.285 | 50 | 410 | Yr 1-5 15 | Yr 1-5 220 | 187 (Ft. Detrick) |
| | Transfer Jul-04 | | | | | Yr 6-50 1,174 | Yr 6-50 151 | |
| Ft. Polk, LA | Award Apr-03 | Direct Investment Loan Guarantee | \$72.042 | 50 | 3,466 | Yr 1-10 2,303 | Yr 1-10 382 | 339 |
| | Transfer Sep-04 | | \$10.350 | | | Yr 11-50 2,303 | Yr 11-50 781 | |
| Ft Shafter/ Schofield Barracks, HI | Award Aug-03 | None | \$0.000 | 50 | 8,132 | Yr 1-10 0 | Yr 1-10 5,388 | - |
| | Transfer Oct-04 | | | | | Yr 11-50 7,508 | Yr 11-50 8,666 | |

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)
FY 2012 Privatization Project Awards¹

| Installation | Contract Award | Type of Financing | \$M | Term Years | Units Conveyed | Renovate ² | Replace | Add |
|---|-----------------|-------------------|-----------|------------|----------------|-----------------------|-------------------|--------------------|
| | Transfer Ops | | | | | | | |
| Ft. Eustis/ Ft Story, VA | Award Jan-03 | Direct Investment | \$41.200 | 50 | 1,115 | Yr 1-6 473 | Yr 1-6 642 | 17 (Ft. Eustis) |
| | Transfer Dec-04 | | | | | Yr 7-50 0 | Yr 7-50 1,944 | |
| Ft. Leonard Wood, MO | Award Nov-03 | Direct Investment | \$44.750 | 50 | 2,496 | Yr 1-9 855 | Yr 1-9 553 | - |
| | Transfer Mar-05 | | | | | Yr 10-50 0 | Yr 10-50 524 | |
| Ft. Sam Houston, TX | Award Feb-04 | Direct Investment | \$6.600 | 50 | 925 | Yr 1-5 434 | Yr 1-5 181 | - |
| | Transfer Mar-05 | | | | | Yr 6-50 516 | Yr 6-50 358 | |
| Ft. Drum, NY | Award Dec-03 | Direct Investment | \$127.000 | 50 | 2,272 | Yr 1-7 0 | Yr 1-7 2 | 1,397 |
| | Transfer May-05 | | | | | Yr 8-50 3,334 | Yr 8-50 2,270 | |
| Ft. Bliss, TX/ White Sands Missile Range NM | Award May-04 | Direct Investment | \$248.160 | 50 | 3,315 | Yr 1-6 677 | Yr 1-6 1,288 | 808 (Ft. Bliss) |
| | Transfer Jul-05 | | | | | Yr 7-50 3,565 | Yr 7-50 2,279 | |
| Ft. Benning, GA | Award Sep-04 | Direct Investment | \$55.150 | 50 | 3,945 | Yr 1-10 1,562 | Yr 1-10 2,122 | 255 |
| | Transfer Jan-06 | | | | | Yr 11-50 4,211 | Yr 11-50 3,707 | |
| Ft. Leavenworth, KS | Award Dec-04 | Direct Investment | \$15.000 | 50 | 1,578 | Yr 1-9 447 | Yr 1-9 703 | 5 |
| | Transfer Mar-06 | | | | | Yr 10-50 1,271 | Yr 10-50 444 | |

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)
FY 2012 Privatization Project Awards¹

| Installation | Contract Award | Type of Financing | \$M | Term Years | Units Conveyed | Renovate ² | Replace | Add |
|---|-----------------|-------------------|-----------|------------|----------------|-----------------------|-------------------|-----|
| | Transfer Ops | | | | | | | |
| Ft. Rucker, AL | Award Dec-04 | Direct Investment | \$24.000 | 50 | 1,512 | Yr 1-8 0 | Yr 1-8 946 | - |
| | Transfer Apr-06 | | | | | Yr 9-50 547 | Yr 9-50 309 | |
| Ft. Gordon, GA | Award Apr-05 | Direct Investment | \$9.000 | 50 | 876 | Yr 1-6 577 | Yr 1-6 299 | 204 |
| | Transfer May-06 | | | | | Yr 7-50 495 | Yr 7-50 570 | |
| Carlisle Barracks, PA/ Picatinny Arsenal, NJ | Award Apr-04 | Direct Investment | \$56.066 | 50 | 429 | Yr 1-5 63 | Yr 1-5 180 | - |
| | Transfer May-06 | | | | | Yr 6-50 46 | Yr 6-50 46 | |
| Ft. Riley, KS | Award May-05 | Direct Investment | \$153.900 | 50 | 3,114 | Yr 1-10 860 | Yr 1-10 1,717 | 400 |
| | Transfer Jul-06 | | | | | Yr 11-50 2,685 | Yr 11-50 1,145 | |
| Redstone Arsenal, AL | Award Sep-05 | Direct Investment | \$0.590 | 50 | 453 | Yr 1-3 113 | Yr 1-3 2 | - |
| | Transfer Oct-06 | | | | | Yr 4-50 233 | Yr 4-50 0 | |
| Ft. Knox, KY | Award Sep-05 | Direct Investment | \$71.695 | 50 | 2,998 | Yr 1-8 1,042 | Yr 1-8 850 | 129 |
| | Transfer Dec-06 | | | | | Yr 9-50 1,879 | Yr 9-50 1,802 | |
| Ft. Lee VA | Award Sep-06 | Direct Investment | \$32.769 | 50 | 1,206 | Yr 1-4 0 | Yr 1-4 364 | 287 |
| | Transfer Sep-07 | | | | | Yr 5-50 1,493 | Yr 5-50 842 | |

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)
FY 2012 Privatization Project Awards¹

| Installation | Contract Award | Type of Financing | \$M | Term Years | Units Conveyed | Renovate ² | Replace | Add |
|--|-----------------|----------------------------------|-----------|------------|----------------|-----------------------|----------------|-----|
| | Transfer Ops | | | | | | | |
| West Point, NY | Award Mar-07 | Direct Investment | \$22.000 | 50 | 961 | Yr 1-8 317 | Yr 1-8 158 | - |
| | Transfer Aug-08 | | | | | Yr 9-50 1,179 | Yr 9-50 377 | |
| Ft. Jackson, SC | Award May-07 | Direct Investment | \$58.900 | 50 | 1,162 | Yr 1-5 119 | Yr 1-5 610 | - |
| | Transfer Aug-08 | | | | | Yr 6-50 2,542 | Yr 6-50 234 | |
| Ft. Sill, OK | Award Sep-07 | Direct Investment | \$77.520 | 50 | 1,411 | Yr 1-7 810 | Yr 1-7 193 | 395 |
| | Transfer Nov-08 | | | | | Yr 8-50 1,250 | Yr 8-50 478 | |
| Ft. Wainwright, AK/ Ft. Greely, AK ³ | Award Jan-08 | Direct Investment Loan Guarantee | \$177.110 | 50 | 1,866 | Yr 1-8 309 | Yr 1-8 414 | - |
| | Transfer Apr-09 | | \$9.590 | | | Yr 9-50 2,427 | Yr 9-50 303 | |
| Ft. Huachuca, AZ/ Yuma Proving Grounds, AZ | Award Mar-08 | None | \$0.000 | 50 | 1,570 | Yr 1-5 57 | Yr 1-5 201 | - |
| | Transfer Apr-09 | | | | | Yr 6-50 1,032 | Yr 6-50 407 | |
| Aberdeen Proving Grounds, MD | Award May-08 | Direct Investment | \$14.000 | 50 | 1,006 | Yr 1-6 162 | Yr 1-6 210 | - |
| | Transfer Dec-09 | | | | | Yr 7-50 679 | Yr 7-50 65 | |
| Ft. Richardson, AK ⁴ | Award TBD | Direct Investment | \$46.000 | 50 | 1,242 | TBD | TBD | - |
| | Transfer Sep-10 | | | | | TBD | TBD | |

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)
FY 2012 Privatization Project Awards¹

¹ This table includes planned projects and expansions of existing projects that will be awarded through FY2012. See planned expansions on Exhibit FH-6.

² This column includes number of major and medium renovations (minor renovations are excluded); repeat renovations of the same house are counted in the out years; out years reflect notional plans which will be revised as time progresses and conditions change.

³ The Ft Wainwright/Ft Greely project financially closed 27 September 2010.

\$9.590M of the total \$186.700M financing was used for a loan guarantee.

⁴Ft Richardson transferred to the Air Force in September 2010 and be subject to their housing privatization; renovation and replace numbers are TBD.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)
FH-6 Exhibit

| Privatization Date | Installation/State | # Units Conveyed | End State # Units | Funding | | | Authorities* (See key below) |
|--------------------|---|------------------|-------------------|--------------|----------------|-----------|------------------------------|
| | | | | Amount (\$M) | Budget Year(s) | Type | |
| Nov-99 | Ft Carson | 1,823 | 2,664 | \$10.131 | FY98 | Construct | 1,2,4 |
| Oct-01 | Ft Hood | 5,622 | 5,912 | \$52.000 | FY96-99 | Construct | 2,4 |
| Apr-02 | Ft Lewis | 3,637 | 3,987 | \$0.000 | N/A | N/A | 4 |
| May-02 | Ft Meade | 2,862 | 3,170 | \$0.000 | N/A | N/A | 4 |
| Aug-03 | Ft Bragg | 4,746 | 5,578 | \$49.437 | FY02 | Improve | 2,4 |
| Oct-03 | Presidio of Monterey | 2,268 | 2,209 | \$0.000 | N/A | N/A | 4 |
| Nov-03 | Ft Stewart(3,027)/Hunter AAF(675) | 2,926 | 3,629 | \$37.374 | FY02 | Improve | 2,4 |
| Dec-03 | Ft Campbell | 4,235 | 4,257 | \$7.900 | FY98 | Improve | 2,4 |
| | | | | \$52.205 | FY02 | Construct | 2,4 |
| Dec-03 | Ft Belvoir | 2,070 | 2,070 | \$0.000 | N/A | Improve | 4 |
| Mar-04 | Ft Irwin(2,376)/Moffett(316)/Parks(114) | 2,290 | 2,806 | \$0.000 | N/A | Improve | 4 |
| Jun-04 | Ft Hamilton | 293 | 228 | \$2.175 | FY02 | Improve | 2,4 |
| Jul-04 | WRAMC(242)/Ft Detrick(355) | 410 | 597 | \$1.285 | FY02 | Improve | 2,4 |
| Sep-04 | Ft Polk | 3,466 | 3,661 | \$64.000 | FY03 | Improve | 1,2,4 |
| Oct-04 | Ft Shafter/Schofield Bks | 8,132 | 7,894 | \$0.000 | N/A | Improve | 4 |
| Dec-04 | Ft Eustis(872)/Story(250) | 1,115 | 1,122 | \$14.800 | FY03 | Improve | 2,4 |
| Mar-05 | Ft Leonard Wood | 2,496 | 1,806 | \$27.150 | FY03 | Improve | 2,4 |
| | | | | \$1.850 | FY05 | Improve | |
| Mar-05 | Ft Sam Houston | 925 | 925 | \$6.600 | FY04 | Improve | 2,4 |
| May-05 | Ft Drum | 2,272 | 3,115 | \$52.000 | FY04 | Improve | 2,4 |
| Jul-05 | Ft Bliss(3,203)/WSMR(82) | 3,315 | 3,284 | \$38.000 | FY04 | Improve | 2,4 |
| Jan-06 | Ft Benning | 3,945 | 4,000 | \$55.150 | FY05 | Improve | 2,4 |
| Apr-06 | Ft Bliss/WSMR (in lieu of MILCON) | | 123 | \$31.000 | FY05 | Construct | 2,4 |
| | | | | \$3.960 | FY06 | | |
| Mar-06 | Ft Leavenworth | 1,578 | 1,583 | \$15.000 | FY05 | Improve | 2,4 |
| Apr-06 | Ft Rucker | 1,512 | 1,476 | \$24.000 | FY05 | Improve | 2,4 |
| May-06 | Ft Gordon | 876 | 1,080 | \$9.000 | FY05 | Improve | 2,4 |
| May-06 | Carlisle Bks(277)/Picatinny Arsnl(71) | 429 | 348 | \$0.494 | FY02 | Improve | 2,4 |
| | | | | \$22.000 | FY04 | Improve | |
| | | | | \$5.940 | FY06 | Construct | |
| | | | | \$11.000 | FY06 | Improve | |

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)
FH-6 Exhibit

| Privatization Date | Installation/State | # Units Conveyed | End State # Units | Funding | | | Authorities* (See key below) |
|--------------------|---|------------------|-------------------|--------------|----------------|-----------|------------------------------|
| | | | | Amount (\$M) | Budget Year(s) | Type | |
| Jul-06 | Ft Riley | 3,114 | 3,514 | \$56.000 | FY05 | Construct | 2,4 |
| | | | | \$67.000 | FY06 | Improve | |
| Sep-06 | Ft Campbell Phase II | | 200 | \$28.000 | FY06 | Construct | 2,4 |
| Oct-06 | Redstone Arsenal | 453 | 230 | \$0.590 | FY05 | Improve | 2,4 |
| Nov-06 | Ft Carson Phase II | | 396 | \$0.000 | N/A | Construct | 4 |
| Dec-06 | Ft Knox | 2,998 | 2,527 | \$31.000 | FY05 | Improve | 2,4 |
| Jan-07 | Ft Meade Restructure | | -543 | \$0.000 | N/A | N/A | 4 |
| Feb-07 | Ft Irwin Phase II Restructure | | 0 | \$26.660 | FY06 | Improve | 2,4 |
| Aug-07 | Ft Lee | 1,206 | 1,505 | \$19.305 | FY06 | Construct | 2,4 |
| | | | | \$13.464 | FY06 | Improve | |
| Sep-07 | Ft Bragg/Pope AFB (BRAC) | 627 | 627 | \$0.000 | N/A | Improve | 4 |
| Nov-07 | Carlisle Bks Land Sale | | | \$1.632 | N/A | N/A | 2 |
| Jun-08 | Ft Drum Phase II (AMF) | | 554 | \$75.000 | FY07 | Construct | 2,4 |
| Aug-08 | US Military Academy | 961 | 824 | \$22.000 | FY07 | Improve | 2,4 |
| Aug-08 | Ft Jackson | 1,162 | 850 | \$58.900 | FY08 | Improve | 2,4 |
| Nov-08 | Ft Sill | 1,411 | 1,650 | \$30.500 | FY08 | Improve | 2,4 |
| Dec-08 | Lewis - McChord | 978 | 712 | \$16.200 | FY08 | Improve | 2,4 |
| Dec-08 | Presidio of Monterey Restructure | | -644 | \$0.000 | N/A | N/A | 4 |
| Apr-09 | Ft Wainwright | 1,740 | 1,409 | \$25.000 | FY08 | Improve | 1,2,4 |
| | Ft Wainwright Phase II | | 104 | \$30.000 | FY09 | Improve | |
| | Ft Greely | 126 | 126 | \$36.200 | FY09 | Improve | |
| Apr-09 | Ft Huachuca(1,064)/Yuma Proving Ground(105) | 1,570 | 1,169 | \$0.000 | N/A | Improve | 4 |
| May-09 | Ft Belvoir | | 36 | \$0.000 | N/A | Improve | 4 |
| Dec-09 | Ft Bliss Phase II | | 53 | \$12.600 | FY07 | Construct | 2,4 |
| | Ft Bliss Deficit Construction | | 149 | \$35.600 | FY08 | | |
| Dec-09 | Ft Irwin Phase III (AMF) | | 94 | \$31.000 | FY07 | Improve | 2,4 |

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)
FH-6 Exhibit

| Privatization Date | Installation/State | # Units Conveyed | End State # Units | Funding | | | Authorities* (See key below) |
|--------------------|--|------------------|-------------------|--------------|----------------|-----------|------------------------------|
| | | | | Amount (\$M) | Budget Year(s) | Type | |
| Dec-09 | Aberdeen Proving Ground | 1,006 | 372 | \$14.000 | FY09 | Improve | 4 |
| Apr-10 | Ft Carson Deficit Construction | | 308 | \$98.300 | FY08 | Construct | 1,2,4 |
| Feb-11 | Ft Carson Deficit Construction | | 88 | \$37.600 | FY09 | Construct | 1,2,4 |
| Feb-11 | Ft Bliss Deficit Construction | | 800 | \$127.000 | FY09 | Construct | 2,4 |
| Mar-11 | Ft Stewart Deficit Construction | | 0 | \$5.201 | FY09 | Construct | 2,4 |
| Mar-11 | Ft Eustis/Story BRAC 2005 | | 8 | \$6.500 | FY10 | Construct | 2 |
| Jan-11 | Ft Lewis Deficit Construction | | 265 | \$72.700 | FY08 | Construct | 2,4 |
| Mar-11 | Ft Polk Deficit Construction | | 112 | \$18.392 | FY10 | Construct | 1,2,4 |
| Mar-11 | Ft Bragg BRAC 2005 | | 13 | \$5.400 | FY10 | Construct | 2 |
| Oct-10 | Ft Wainwright Phase III | | 176 | \$52.000 | FY10 | Improve | 1,2,4 |
| Mar-11 | Ft Wainwright (Recover Scope) | | 0 | \$43.500 | FY09 | Improve | 1,2,4 |
| Oct-11 | Ft Knox Deficit Construction | | 36 | \$13.995 | FY10 | Construct | 2 |
| Feb-11 | Ft Irwin Phase IV | | 82 | \$30.000 | FY10 | Improve | 2,4 |
| Mar-11 | Ft Knox Phase II (Replacements Units) | | 0 | \$26.700 | FY10 | Improve | 2 |
| Nov-10 | Ft Sill Deficit Construction | | 78 | \$20.300 | FY10 | Construct | 2 |
| May-11 | Ft Sill (Recover Scope) | | 0 | \$26.700 | FY09 | Improve | 2 |
| Jan-11 | Ft Leonard Wood (Recover Scope) | | 0 | \$15.750 | FY09 | Improve | 2 |
| Mar-11 | Ft Hamilton (Recover Scope) | | 0 | \$3.000 | FY09 | Improve | 2 |
| Mar-11 | Ft Bragg Deficit Construction | | 20 | \$44.400 | FY08 | Construct | 2,4 |
| May-11 | Ft Eustis/Story Phase II (Replacement Units) | | 0 | \$20.000 | FY11 | Improve | 2 |
| May-11 | Carlisle Brks Phase II (Replacement Units) | | 0 | \$15.000 | FY11 | Improve | 2 |
| May-11 | Ft Riley Ancillary | | 0 | \$30.900 | FY09 | Construct | 2,4 |
| | | 80,595 | 85,424 | \$1,938.440 | | | |

Authorities:

- 1) 2873 "Direct Loans and Loan Guarantees"
- 2) 2875 "Investments in Nongovernmental Entities"
- 3) 2877 "Differential Lease Payments"
- 4) 2878 "Conveyance or Lease of Existing Property and Facilities"

*Authorities may be subject to change as project is defined

** Ft. Richardson has transferred to the Air Force and is subject to their housing privatization program; the Army's equity contribution will be transferred to Air Force during FY11

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Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing

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DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing
REIMBURSABLE PROGRAM

(\$ in Thousands)

| | |
|------------------------------------|----------|
| FY 2012 Budget Request | \$18,000 |
| FY 2011 Current Estimate | \$18,000 |
| FY 2011 President's Budget Request | \$18,000 |

The Reimbursable program provides for the collection and use of payments for utilities and services, routine maintenance and repair, rents associated with the use of government housing by authorized occupants, and damages caused by occupant negligence. This account provides authority to incur costs for services and repair of damages to be reimbursed by collection of payments from Federal and non-Federal sources.

The following table shows the source of receipts for the Family housing account.

| | FY 2011 (Budget Request) | FY 2012 (Budget Request) |
|---------------------|-----------------------------|-----------------------------|
| Non-Federal Sources | 14,467 | 14,467 |
| Federal Sources | 3,533 | 3,533 |

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimate
Army Family Housing

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DEPARTMENT OF ARMY

Fiscal Year (FY) 2012 Budget Estimates

Homeowners Assistance Fund, Defense

**Justification Data Submitted to Congress
February 2011**

February 2011

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Fiscal Year (FY) 2012 Budget Estimates
Homeowners Assistance Fund, Defense

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Fiscal Year (FY) 2012 Budget Estimates
Homeowners Assistance Fund, Defense

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DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimates
Homeowners Assistance Fund, Defense

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DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimates
Homeowners Assistance Fund, Defense

SUMMARY

| | <u>(In Thousands)</u> |
|-------------------------------|-----------------------|
| FY 2012 Program/Appropriation | \$28,254/ 1,284 |
| FY 2011 Program/Appropriation | \$49,851/16,515 |

Program and Scope

This fund finances the Department of Defense Homeowners Assistance Program (HAP) which provides assistance to individual homeowners who sustain a loss on the sale of their primary residences due to declining residential real estate markets attributable to the closure or realignment of military installations. HAP was established in recognition of the fact that base closure and realignment activity may result in serious economic impact on local communities. Military personnel, Federal civilian, and Non-Appropriated Fund employees, who relocate as a result of base closure or realignment activity, are sometimes unable to dispose of their homes under reasonable terms and conditions resulting in financial hardship.

In order to determine the effect of the closure or reduction action on local communities, a Market Impact Study (MIS) is performed. The MIS addresses real estate market and overall economic conditions relative to the closure or realignment action, and includes an analysis of area property values before and after the announcement. Factors in determining market impact include: a significant decline in real estate market value; significant increases in the inventory of unsold houses, increase in the average number of days on the market; increase in the number of foreclosures; decrease in home sales; and inability of affected personnel to sell homes for the amount of their existing mortgage(s). If the MIS demonstrates sufficient adverse impact on the market and establishes a causal relationship, a program may be implemented. Eligible applicants may be reimbursed for certain losses resulting from the sale of their home.

Assistance and mitigation of financial loss may be provided through various actions which include payment of partial compensation for losses sustained in the private sale of the dwelling, payment of the costs of a judicial foreclosure of a mortgage, and purchase of a dwelling by liquidating or assuming the outstanding mortgage(s).

Although the program provides for acquisition of dwellings, all efforts are made to minimize acquisition activity. Any homes which require acquisition by the government are then resold.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimates
Homeowners Assistance Fund, Defense

Every effort is made to insure that each applicant is treated fairly and receives the maximum benefits under the law in a timely manner. The program is executed with a focus on maximum efficiency and overhead reduction. This focus is emphasized through review and innovation.

Program Summary

The FY 2012 budget requests authorization of appropriations and appropriations in the amount of \$1,284,000 to fund Homeowners Assistance Fund program expenses. The total program estimate for FY 2012 is \$28,254,143 and will be funded with requested appropriations, revenue from sales of acquired properties, and prior year unobligated balances. Program expenses include payments to homeowners for losses on private sales; costs of judicial foreclosures; property acquisitions by liquidating and/or assuming outstanding mortgages; partial payment of homeowners' lost equity on government acquisitions; retirement of debt after the sale of properties when the government assumes mortgages; and administrative expenses.

The Homeowners Assistance Fund, Defense (HOA) is a non-expiring revolving fund. The Program Financial Summary chart that follows shows that the fund receives funding from several sources: appropriations, borrowing authority, reimbursable authority, prior fiscal year unobligated balances, appropriation transfers, revenue from sale of acquired properties, and recovery of prior year obligations. The fund is not a profit-making endeavor. Although the proceeds from the sale of homes are returned to the fund, this revenue does not always replenish it nor totally fund projected requirements. Since the Homeowners Assistance Fund is not self-sustaining, periodic appropriations are required to maintain its solvency as a revolving fund. In the past, Congress has authorized the transfer of funds from the BRAC account to the Homeowners Assistance Fund when BRAC programs cause HAP activity.

The FY2012 HAP financial condition requires a budget request of \$1,284,000 to fund the program requirements and maintain the fund's solvency. BRAC05 will result in increased program activity for HAP. Program activity and funding requirements for HAP are based on execution timelines and activity of BRAC05 related movements. The program may require transfer of additional funds from the BRAC account to fund the FY2012 program requirements. This estimate is based on the analysis of activity related to BRAC05 resulting from base realignment and closure activity and other non-BRAC unit restationing. Department of Defense plans for infrastructure and staff reductions as well as unforeseen circumstances may increase HAP costs in the future.

February 2011

AUTHORIZATION AND
APPROPRIATION LANGUAGE
HOMEOWNERS ASSISTANCE FUND, DEFENSE
FY 2012

For use in the Homeowners Assistance Fund established pursuant to section 1013(d) of the Demonstration Cities and Metropolitan Development Act of 1966, as amended (42 U.S.C. 3374), [\$16,515,000] \$1,284,000 to become available on October 1, 2011 and remain available until expended.

General Provision: Continue the annual provision of transfer authority from BRAC into HAP in the General Provisions of the Military Quality of Life and Veterans Affairs Appropriations Act.

**DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimates
Homeowners Assistance Fund, Defense**

(\$ in Thousands)

The chart below is a summary of the funding for the FY2010, FY2011 and FY2012

PROGRAM FINANCIAL SUMMARY

| | Actual FY 2010 | Budget Enactment FY 2011 | Budget Request FY 2012 |
|--|-------------------|--------------------------------|------------------------------|
| HOMEOWNERS ASSISTANCE FUND, DEFENSE | | | |
| PROGRAM RESOURCES | | | |
| New Appropriation/TOA Requested | 323,225 | 16,515 | 1,284 |
| Indefinite Borrowing Authority | 0 | 0 | 0 |
| Transfer To/From Other Account | 20,237 | 0 | 0 |
| Total Budget Authority Requested | 343,462 | 16,515 | 1,284 |
| REIMBURSABLE RESOURCES | | | |
| Reimbursable Authority | 0 | 0 | 0 |
| OTHER PROGRAM RESOURCES | | | |
| Prior FY Unoblig Bal Brought FWD* | (1,006) | 273,613 | 16,601 |
| Unobligated Balance Transferred - TO / FROM | 0 | 0 | 0 |
| Anticipated Revenue from Sale of Real Property | 11,055 | 29,384 | 10,369 |
| Recovery of Prior Year Balances | 1,544 | 0 | 0 |
| TOTAL PROGRAM RESOURCES | 355,055 | 319,512 | 28,254 |
| PLANNED PROGRAM EXECUTION | | | |
| Payments to Homeowners | 21,226 | 226,681 | 9,535 |
| Other Operating Cost | 5,607 | 37,988 | 3,725 |
| Acquisition of Real Property | 54,609 | 38,242 | 14,994 |
| Mortgages Assumed | 0 | 0 | 0 |
| Retirement of Debt - Authority W/D | 0 | 0 | 0 |
| TOTAL PLANNED PROGRAM EXPENSE | 81,442 | 302,911 | 28,254 |
| ANTICIPATED EOY UNOBLIGATED : | | | |
| Unused - Mortgage Assumption Authority | 0 | 0 | 0 |
| Balance Carried Forward | 273,613 | 16,601 | 0 |

*Funds restored in Recovery of Prior Year Balances

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimates
Homeowners Assistance Fund, Defense

Workload and Obligation Data
FY 2012

| | Budget Actual - FY 2010 | | | Budget Enactment - FY 2011 | | | Budget Request - FY 2012 | | |
|--|-------------------------|------------------|-------------|----------------------------|------------------|-------------|--------------------------|------------------|-------------|
| | Units | Dollars (000) | AVG (\$) | Units | Dollars (000) | AVG (\$) | Units | Dollars (000) | AVG (\$) |
| 1. INVESTMENT | | | | | | | | | |
| a. Equity Payments | 2 | 115 | 57,500 | 0 | 0 | 0 | 8 | 661 | 82,625 |
| b. Liquidation of Mortgages | | | | | | | | | |
| (1) 1st Mortgage | 12 | 1,666 | 138,833 | 152 | 37,892 | 249,289 | 44 | 13,940 | 316,818 |
| (2) 2nd Mortgage | 4 | 134 | 33,500 | 35 | 350 | 10,000 | 9 | 273 | 30,333 |
| (3) Other Liens | 2 | 65 | 32,500 | 0 | 0 | 0 | 4 | 120 | 30,000 |
| c. Total: Payments | 20 | 1,980 | 99,000 | 187 | 38,242 | 204,503 | 65 | 14,994 | 230,677 |
| d. Mortgages Assumed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| e. Total Investment | | 1,980 | | | 38,242 | | | 14,994 | |
| 2. EXPENSE | | | | | | | | | |
| a. Payments - Private Sales | 402 | 8,292 | 20,627 | 250 | 5,631 | 22,524 | 344 | 8,573 | 24,922 |
| b. Payments - Real Property | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| c. Payments - Foreclosures | 0 | 0 | 0 | 2 | 97 | 48,500 | 2 | 97 | 48,500 |
| d. Payments - Reimbursements/Refunds | 4 | 16 | 4,000 | 228 | 953 | 4,180 | 182 | 866 | 4,758 |
| e. Subtotal - Payments to Homeowners | 406 | 8,308 | 20,463 | 480 | 6,681 | 13,919 | 528 | 9,536 | 18,061 |
| f. Appraisals | 981 | 361 | 368 | 432 | 182 | 417 | 480 | 183 | 417 |
| g. Administrative Expense | | 973 | | | 1,939 | | | 2,345 | |
| h. Total Expense - Acquisition | | 9,642 | | | 8,802 | | | 12,064 | |
| 3. EXPENSE - MANAGEMENT & DISPOSAL | | | | | | | | | |
| a. Appraisals | 100 | 30 | 300 | 25 | 8 | 320 | 25 | 8 | 320 |
| b. Interest/Taxes/Insurance | 75 | 23 | 307 | 28 | 14 | 500 | 0 | 0 | 0 |
| c. Sales Expense | 26 | 190 | 7,308 | 175 | 1,270 | 7,257 | 60 | 450 | 7,500 |
| d. Maintenance & Operating Expense | 493 | 237 | 481 | 238 | 231 | 971 | 88 | 26 | 295 |
| e. Administrative Expense | | 110 | | | 1,284 | | | 712 | |
| f. Total Expense Management & Disposal | | 590 | | | 2,807 | | | 1,196 | |
| 4. TOTAL EXPENSE | | 10,232 | | | 11,609 | | | 13,260 | |
| 5. TOTAL PROGRAM - INVESTMENT AND EXPENSE | | 12,212 | | | 49,851 | | | 28,254 | |

EXHIBIT HA-1

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimates
Homeowners Assistance Fund, Defense

Workload and Obligation Data
FY 2012

| | BRAC PROGRAMS | | | | | | | | |
|--|--------------------------------|------------------|-------------|-----------------------------------|------------------|-------------|---------------------------------|------------------|-------------|
| | Budget Actual - FY 2010 | | | Budget Enactment - FY 2011 | | | Budget Request - FY 2012 | | |
| | Units | Dollars (000) | AVG (\$) | Units | Dollars (000) | AVG (\$) | Units | Dollars (000) | AVG (\$) |
| 1. INVESTMENT | | | | | | | | | |
| a. Equity Payments | 2 | 115 | 57,500 | 0 | 0 | 0 | 8 | 661 | 0 |
| b. Liquidation of Mortgages | | | | | | | | | |
| (1) 1st Mortgage | 12 | 1,666 | 138,833 | 152 | 37,892 | 249,289 | 44 | 13,940 | 316,818 |
| (2) 2nd Mortgage | 4 | 134 | 33,500 | 35 | 350 | 10,000 | 9 | 273 | 30,333 |
| (3) Other Liens | 2 | 65 | 32,500 | 0 | 0 | 0 | 4 | 120 | 0 |
| c. Total: Payments | 20 | 1,980 | 99,000 | 187 | 38,242 | 204,503 | 65 | 14,994 | 230,677 |
| d. Mortgages Assumed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| e. Total Investment | | 1,980 | | | 38,242 | | | 14,994 | |
| 2. EXPENSE | | | | | | | | | |
| a. Payments - Private Sales | 402 | 8,292 | 20,627 | 250 | 5,631 | 22,524 | 344 | 8,573 | 24,922 |
| b. Payments - Real Property | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| c. Payments - Foreclosures | 0 | 0 | 0 | 2 | 97 | 48,500 | 2 | 97 | 48,500 |
| d. Payments - Reimbursements/Refunds | 4 | 16 | 4,000 | 228 | 953 | 4,180 | 182 | 866 | 4,758 |
| e. Subtotal - Payments to Homeowners | 406 | 8,308 | 20,463 | 480 | 6,681 | 13,919 | 528 | 9,536 | 18,061 |
| f. Appraisals | 981 | 361 | 368 | 432 | 182 | 421 | 480 | 183 | 381 |
| g. Administrative Expense | | 973 | | | 1,939 | | | 2,345 | |
| h. Total Expense - Acquisition | | 9,642 | | | 8,802 | | | 12,064 | |
| 3. EXPENSE - MANAGEMENT & DISPOSAL | | | | | | | | | |
| a. Appraisals | 100 | 30 | 300 | 25 | 8 | 320 | 25 | 8 | 320 |
| b. Interest/Taxes/Insurance | 75 | 23 | 307 | 28 | 14 | 500 | 0 | 0 | 0 |
| c. Sales Expense | 26 | 190 | 7,308 | 175 | 1,270 | 7,257 | 60 | 450 | 7,500 |
| d. Maintenance & Operating Expense | 493 | 237 | 481 | 238 | 231 | 971 | 88 | 26 | 295 |
| e. Administrative Expense | | 110 | | | 1,284 | | | 712 | |
| f. Total Expense Management & Disposal | | 590 | | | 2,807 | | | 1,196 | |
| 4. TOTAL EXPENSE | | 10,232 | | | 11,609 | | | 13,260 | |
| 5. TOTAL PROGRAM - INVESTMENT AND EXPENSE | | 12,212 | | | 49,851 | | | 28,254 | |

EXHIBIT HA-1

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimates
Homeowners Assistance Fund, Defense

Workload and Obligation Data

FY 2012

| | NON-BRAC PROGRAMS | | | | | | | | |
|--|-------------------------|------------------|-------------|----------------------------|------------------|-------------|--------------------------|------------------|-------------|
| | Budget Actual - FY 2010 | | | Budget Enactment - FY 2011 | | | Budget Request - FY 2012 | | |
| | Units | Dollars (000) | AVG (\$) | Units | Dollars (000) | AVG (\$) | Units | Dollars (000) | AVG (\$) |
| 1. INVESTMENT | | | | | | | | | |
| a. Equity Payments | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| b. Liquidation of Mortgages | | | | | | | | | |
| (1) 1st Mortgage | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| (2) 2nd Mortgage | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| (3) Other Liens | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| c. Total: Payments | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| d. Mortgages Assumed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| e. Total Investment | | 0 | | | 0 | | | 0 | |
| 2. EXPENSE | | | | | | | | | |
| a. Payments - Private Sales | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| b. Payments - Real Property | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| c. Payments - Foreclosures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| d. Payments - Reimbursements/Refunds | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| e. Subtotal - Payments to Homeowners | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| f. Appraisals | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| g. Administrative Expense | | 0 | | | 0 | | | 0 | |
| h. Total Expense - Acquisition | | 0 | | | 0 | | | 0 | |
| 3. EXPENSE - MANAGEMENT & DISPOSAL | | | | | | | | | |
| a. Appraisals | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| b. Interest/Taxes/Insurance | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| c. Sales Expense | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| d. Maintenance & Operating Expense | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| e. Administrative Expense | | 0 | | | 0 | | | 0 | |
| f. Total Expense Management & Disposal | | 0 | | | 0 | | | 0 | |
| 4. TOTAL EXPENSE | | 0 | | | 0 | | | 0 | |
| 5. TOTAL PROGRAM - INVESTMENT AND EXPENSE | | 0 | | | 0 | | | 0 | |

EXHIBIT HA-1

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimates
Homeowners Assistance Fund, Defense

STATUS OF ACCOUNTS - PART I
FY 2010 Budget Actual

| ITEM | CASH (\$000) | AUTHORITY TO SPEND AGENCY DEBT RECEIPT (\$000) | TOTAL (\$000) |
|--|-----------------|--|------------------|
| 1. EXPENDITURE ACCOUNT - RESOURCES AND APPLICATIONS | | | |
| a. RESOURCES | | | |
| (1) Unobligated Balance Start of Year* | (1,006) | 0 | (1,006) |
| (2) Appropriations | 323,225 | 0 | 323,225 |
| (3) New Authorization to Spend Agency Debt Receipts | 0 | 0 | 0 |
| (4) Transfer To/From Other Account | 20,237 | 0 | 20,237 |
| (5) Revenue | | | |
| (a) Sales (Cash) | 11,055 | 0 | 11,055 |
| (b) Sales (Non-Cash) | 0 | 0 | 0 |
| (c) Other Revenue | 0 | 0 | 0 |
| (6) Less Retirement of Debt | | | |
| (a) Principal Payments on Mortgages | 0 | 0 | 0 |
| (b) Mortgage Transfers | 0 | 0 | 0 |
| (7) Recovery of Prior Year Obligations | 1,544 | 0 | 1,544 |
| (8) Total | 355,055 | 0 | 355,055 |
| b. APPLICATIONS | | | |
| (1) Payments on Acquisitions of Properties | 54,435 | 0 | 54,435 |
| (2) Value of Mortgages Payable Assumed | 0 | 0 | 0 |
| (3) Expenses | 27,007 | 0 | 27,007 |
| (4) Transfer of Miscellaneous Receipts | 0 | 0 | 0 |
| (5) Total | 81,442 | 0 | 81,442 |
| c. UNOBLIGATED BALANCE - END OF PERIOD | | | |
| | 273,613 | 0 | 273,613 |

*Funds restored in Recovery of Prior Year Balances

EXHIBIT HA-2

**DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimates
Homeowners Assistance Fund, Defense**

**STATUS OF ACCOUNTS - PART II
FY 2010 Budget Actual**

| ITEM | TOTAL (\$000) |
|---|------------------|
| 1. PROPERTY ACCOUNT | |
| a. ON HAND, START OF YEAR | 4,722 |
| b. PAYMENTS FOR EQUITY AND MORTGAGES ON ACQUISITION OF PROPERTIES | 1,980 |
| c. VALUE OF MORTGAGES PAYABLE ASSUMED | 0 |
| d. LESS ACQUISITIONS PRICE OF PROPERTIES SOLD | 4,256 |
| e. ON HAND, END OF YEAR | 2,446 |
| 2. BORROWING ACCOUNT (MORTGAGES PAYABLE) | |
| a. BALANCE PAYABLE, START OF YEAR | 0 |
| b. VALUE OF MORTGAGES PAYABLE ASSUMED | 0 |
| c. LESS PAYMENTS ON PRINCIPAL: | |
| (1) Monthly Payments | 0 |
| (2) Mortgage Prepayment (Buydowns) | 0 |
| d. LESS VALUE OF MORTGAGES TRANSFERRED | 0 |
| e. SUBTOTAL - RETIREMENT OF DEBT | 0 |
| f. BALANCE PAYABLE - END OF PERIOD | 0 |
| 3. NET EQUITY IN PROPERTY | 2,446 |
| 4. RECAPITULATION FOR PROPERTIES SOLD* | |
| a. SALES PRICE | Total 4,256 |
| b. LESS: | Avg (\$) 0 |
| (1) Acquisition Price | 6,702 |
| (2) M&D Expense | 590 |
| c. NET GAIN OR (LOSS) | (3,036) |
| *Excludes Acquisition Administrative Expense | |

EXHIBIT HA-2

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimates
Homeowners Assistance Fund, Defense

STATUS OF ACCOUNTS - PART I
FY 2011 Budget Enactment

| ITEM | CASH (\$000) | AUTHORITY TO SPEND AGENCY DEBT RECEIPT (\$000) | TOTAL (\$000) |
|--|-----------------|--|------------------|
| 1. EXPENDITURE ACCOUNT - RESOURCES AND APPLICATIONS | | | |
| a. RESOURCES | | | |
| (1) Unobligated Balance Start of Year | 273,613 | 0 | 273,613 |
| (2) Appropriations | 16,515 | 0 | 16,515 |
| (3) New Authorization to Spend Agency Debt Receipts | 0 | 0 | 0 |
| (4) Transfer To/From Other Account | 0 | 0 | 0 |
| (5) Revenue | | | |
| (a) Sales (Cash) | 29,384 | 0 | 29,384 |
| (b) Sales (Non-Cash) | 0 | 0 | 0 |
| (c) Other Revenue | 0 | 0 | 0 |
| (6) Less Retirement of Debt | | | |
| (a) Principal Payments on Mortgages | 0 | 0 | 0 |
| (b) Mortgage Transfers | 0 | 0 | 0 |
| (7) Recovery of Prior Year Obligations | 0 | 0 | 0 |
| (8) Total | 319,512 | 0 | 319,512 |
| b. APPLICATIONS | | | |
| (1) Payments on Acquisitions of Properties | 38,242 | 0 | 38,242 |
| (2) Value of Mortgages Payable Assumed | 0 | 0 | 0 |
| (3) Expenses | 264,669 | 0 | 264,669 |
| (4) Transfer of Miscellaneous Receipts | 0 | 0 | 0 |
| (5) Total | 302,911 | 0 | 302,911 |
| c. UNOBLIGATED BALANCE - END OF PERIOD | | | |
| | 16,601 | 0 | 16,601 |

EXHIBIT HA-2

**DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimates
Homeowners Assistance Fund, Defense**

**STATUS OF ACCOUNTS - PART II
FY 2011 Budget Enactment**

| ITEM | TOTAL (\$000) | |
|---|------------------|-----------------|
| 1. PROPERTY ACCOUNT | | |
| a. ON HAND, START OF YEAR | | 2,446 |
| b. PAYMENTS FOR EQUITY AND MORTGAGES ON ACQUISITION OF PROPERTIES | | 22,899 |
| c. VALUE OF MORTGAGES PAYABLE ASSUMED | | 0 |
| d. LESS ACQUISITIONS PRICE OF PROPERTIES SOLD | | 16,837 |
| e. ON HAND, END OF YEAR | | 8,508 |
| 2. BORROWING ACCOUNT (MORTGAGES PAYABLE) | | |
| a. BALANCE PAYABLE, START OF YEAR | | 0 |
| b. VALUE OF MORTGAGES PAYABLE ASSUMED | | 0 |
| c. LESS PAYMENTS ON PRINCIPAL: | | |
| (1) Monthly Payments | | 0 |
| (2) Mortgage Prepayment (Buydowns) | | 0 |
| d. LESS VALUE OF MORTGAGES TRANSFERRED | | 0 |
| e. SUBTOTAL - RETIREMENT OF DEBT | | 0 |
| f. BALANCE PAYABLE - END OF PERIOD | | 0 |
| 3. NET EQUITY IN PROPERTY | | 8,508 |
| 4. RECAPITULATION FOR PROPERTIES SOLD* | Total | Avg (\$) |
| a. SALES PRICE | 16,837 | 1,701 |
| b. LESS: | | |
| (1) Acquisition Price | 25,345 | 2,560 |
| (2) M&D Expense | 1,405 | 142 |
| c. NET GAIN OR (LOSS) | (9,913) | (1,001) |
| *Excludes Acquisition Administrative Expense | | |

EXHIBIT HA-2

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimates
Homeowners Assistance Fund, Defense

STATUS OF ACCOUNTS - PART I
FY 2012 Budget Request

| ITEM | CASH (\$000) | AUTHORITY TO SPEND AGENCY DEBT RECEIPT (\$000) | TOTAL (\$000) |
|--|-----------------|--|------------------|
| 1. EXPENDITURE ACCOUNT - RESOURCES AND APPLICATIONS | | | |
| a. RESOURCES | | | |
| (1) Unobligated Balance Start of Year | 16,601 | 0 | 16,601 |
| (2) Appropriations | 1,284 | 0 | 1,284 |
| (3) New Authorization to Spend Agency Debt Receipts | 0 | 0 | 0 |
| (4) Transfer To/From Other Account | 0 | 0 | 0 |
| (5) Revenue | | | |
| (a) Sales (Cash) | 10,369 | 0 | 10,369 |
| (b) Sales (Non-Cash) | 0 | 0 | 0 |
| (c) Other Revenue | 0 | 0 | 0 |
| (6) Less Retirement of Debt | | | |
| (a) Principal Payments on Mortgages | 0 | 0 | 0 |
| (b) Mortgage Transfers | 0 | 0 | 0 |
| (7) Recovery of Prior Year Obligations | 0 | 0 | 0 |
| (8) Total | 28,254 | 0 | 28,254 |
| b. APPLICATIONS | | | |
| (1) Payments on Acquisitions of Properties | 14,994 | 0 | 14,994 |
| (2) Value of Mortgages Payable Assumed | 0 | 0 | 0 |
| (3) Expenses | 13,260 | 0 | 13,260 |
| (4) Transfer of Miscellaneous Receipts | 0 | 0 | 0 |
| (5) Total | 28,254 | 0 | 28,254 |
| c. UNOBLIGATED BALANCE - END OF PERIOD | | | |
| | 0 | 0 | 0 |

EXHIBIT HA-2

**DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimates
Homeowners Assistance Fund, Defense**

**STATUS OF ACCOUNTS - PART II
FY 2012 Budget Request**

| ITEM | TOTAL (\$000) | |
|---|------------------|-----------------|
| 1. PROPERTY ACCOUNT | | |
| a. ON HAND, START OF YEAR | | 8,508 |
| b. PAYMENTS FOR EQUITY AND MORTGAGES ON ACQUISITION OF PROPERTIES | | 14,994 |
| c. VALUE OF MORTGAGES PAYABLE ASSUMED | | 0 |
| d. LESS ACQUISITIONS PRICE OF PROPERTIES SOLD | | 10,369 |
| e. ON HAND, END OF YEAR | | 13,133 |
| 2. BORROWING ACCOUNT (MORTGAGES PAYABLE) | | |
| a. BALANCE PAYABLE, START OF YEAR | | 0 |
| b. VALUE OF MORTGAGES PAYABLE ASSUMED | | 0 |
| c. LESS PAYMENTS ON PRINCIPAL: | | |
| (1) Monthly Payments | | 0 |
| (2) Mortgage Prepayment (Buydowns) | | 0 |
| d. LESS VALUE OF MORTGAGES TRANSFERRED | | 0 |
| e. SUBTOTAL - RETIREMENT OF DEBT | | 0 |
| f. BALANCE PAYABLE - END OF PERIOD | | 0 |
| 3. NET EQUITY IN PROPERTY | | 13,133 |
| 4. RECAPITULATION FOR PROPERTIES SOLD* | Total | Avg (\$) |
| a. SALES PRICE | 10,369 | 1,898 |
| b. LESS: | | |
| (1) Acquisition Price | 23,502 | 4,301 |
| (2) M&D Expense | 1,196 | 219 |
| c. NET GAIN OR (LOSS) | (14,329) | (2,622) |
| *Excludes Acquisition Administrative Expense | | |

EXHIBIT HA-2

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimates
Homeowners Assistance Fund, Defense

WORK UNIT DATA
FY 2010 Budget Actual

| ITEM | MILITARY | CIVILIAN | NAF | TOTAL |
|--|----------|----------|-----|-------|
| 1. APPLICATIONS FOR ASSISTANCE | | | | |
| a. ON HAND - START OF YEAR | 0 | 0 | 0 | 0 |
| b. RECEIVED | 386 | 212 | 0 | 598 |
| c. LESS ACTIONS COMPLETED: | | | | |
| (1) Homes Acquired - for outstanding mortgages balance | 0 | 0 | 0 | 0 |
| (2) Homes Acquired - at 75% | 12 | 0 | 0 | 12 |
| (3) Homes Acquired - no mortgage | 0 | 0 | 0 | 0 |
| (4) Reimbursement for losses on private sales | 372 | 161 | 0 | 533 |
| (5) Reimbursement for losses on real property | 0 | 0 | 0 | 0 |
| (6) Payments in foreclosure cases | 0 | 0 | 0 | 0 |
| (7) Settlements - no payment due | 0 | 0 | 0 | 0 |
| (8) Other (Not Eligible or Application Withdrawn) | 2 | 12 | 0 | 14 |
| d. ON HAND - END OF PERIOD | 0 | 39 | 0 | 39 |
| 2. ACQUIRED HOMES | | | | |
| a. ON HAND - START OF YEAR | | | | 17 |
| b. ACQUIRED | | | | 12 |
| c. DISPOSED OF | | | | 24 |
| d. ON HAND - END OF PERIOD | | | | 5 |
| 3. MORTGAGES PAYABLE | | | | |
| a. ON HAND - START OF YEAR | | | | 0 |
| b. ASSUMED | | | | 0 |
| c. LESS LIQUIDATED | | | | 0 |
| d. ON HAND - END OF PERIOD | | | | 0 |
| 4. OTHER DATA | | | | |
| a. SECOND MORTGAGES LIQUIDATED | | | | 4 |
| b. APPRAISALS MADE | | | | 1,082 |
| c. APPEALS PROCESSED: | | | | |
| (1) Approved | | | | 1 |
| (2) Disapproved | | | | 1 |
| (3) Pending | | | | 1 |

EXHIBIT HA-3

**DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimates
Homeowners Assistance Fund, Defense**

**WORK UNIT DATA
FY 2011 Budget Enactment**

| ITEM | MILITARY | CIVILIAN | NAF | TOTAL |
|--|----------|----------|-----|-------|
| 1. APPLICATIONS FOR ASSISTANCE | | | | |
| a. ON HAND - START OF YEAR | 0 | 39 | 0 | 39 |
| b. RECEIVED | 345 | 187 | 0 | 532 |
| c. LESS ACTIONS COMPLETED: | | | | |
| (1) Homes Acquired - for outstanding mortgages balance | 0 | 0 | 0 | 0 |
| (2) Homes Acquired - at 75% | 37 | 32 | 0 | 69 |
| (3) Homes Acquired - no mortgage | 0 | 0 | 0 | 0 |
| (4) Reimbursement for losses on private sales | 291 | 192 | 0 | 483 |
| (5) Reimbursement for losses on real property | 0 | 0 | 0 | 0 |
| (6) Payments in foreclosure cases | 3 | 0 | 0 | 3 |
| (7) Settlements - no payment due | 4 | 0 | 0 | 4 |
| (8) Other (Not Eligible or Application Withdrawn) | 10 | 2 | 0 | 12 |
| d. ON HAND - END OF PERIOD | 0 | 0 | 0 | 0 |
| 2. ACQUIRED HOMES | | | | |
| a. ON HAND - START OF YEAR | | | | 5 |
| b. ACQUIRED | | | | 69 |
| c. DISPOSED OF | | | | 65 |
| d. ON HAND - END OF PERIOD | | | | 9 |
| 3. MORTGAGES PAYABLE | | | | |
| a. ON HAND - START OF YEAR | | | | 0 |
| b. ASSUMED | | | | 0 |
| c. LESS LIQUIDATED | | | | 0 |
| d. ON HAND - END OF PERIOD | | | | 0 |
| 4. OTHER DATA | | | | |
| a. SECOND MORTGAGES LIQUIDATED | | | | 17 |
| b. APPRAISALS MADE | | | | 801 |
| c. APPEALS PROCESSED: | | | | |
| (1) Approved | | | | 1 |
| (2) Disapproved | | | | 0 |
| (3) Pending | | | | 0 |

EXHIBIT HA-3

**DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimates
Homeowners Assistance Fund, Defense**

**WORK UNIT DATA
FY 2012 Budget Request**

| ITEM | MILITARY | CIVILIAN | NAF | TOTAL |
|--|----------|----------|-----|-------|
| 1. APPLICATIONS FOR ASSISTANCE | | | | |
| a. ON HAND - START OF YEAR | 0 | 0 | 0 | 0 |
| b. RECEIVED | 250 | 153 | 0 | 403 |
| c. LESS ACTIONS COMPLETED: | | | | |
| (1) Homes Acquired - for outstanding mortgages balance | 0 | 0 | 0 | 0 |
| (2) Homes Acquired - at 75% | 33 | 11 | 0 | 44 |
| (3) Homes Acquired - no mortgage | 0 | 0 | 0 | 0 |
| (4) Reimbursement for losses on private sales | 205 | 139 | 0 | 344 |
| (5) Reimbursement for losses on real property | 0 | 0 | 0 | 0 |
| (6) Payments in foreclosure cases | 2 | 1 | 0 | 3 |
| (7) Settlements - no payment due | 4 | 0 | 0 | 4 |
| (8) Other (Not Eligible or Application Withdrawn) | 6 | 2 | 0 | 8 |
| d. ON HAND - END OF PERIOD | 0 | 0 | 0 | 0 |
| 2. ACQUIRED HOMES | | | | |
| a. ON HAND - START OF YEAR | | | | 9 |
| b. ACQUIRED | | | | 44 |
| c. DISPOSED OF | | | | 52 |
| d. ON HAND - END OF PERIOD | | | | 1 |
| 3. MORTGAGES PAYABLE | | | | |
| a. ON HAND - START OF YEAR | | | | 0 |
| b. ASSUMED | | | | 0 |
| c. LESS LIQUIDATED | | | | 0 |
| d. ON HAND - END OF PERIOD | | | | 0 |
| 4. OTHER DATA | | | | |
| a. SECOND MORTGAGES LIQUIDATED | | | | 9 |
| b. APPRAISALS MADE | | | | 505 |
| c. APPEALS PROCESSED: | | | | |
| (1) Approved | | | | 1 |
| (2) Disapproved | | | | 0 |
| (3) Pending | | | | 0 |

EXHIBIT HA-3

**DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimates
Homeowners Assistance Fund, Defense**

| PROGRAM AND FINANCING FY 2012 | Actual FY 2010 Obligations (000) | | Budget Enactment FY 2011 Obligations (000) | | Budget Request FY 2012 Obligations (000) | |
|---|---|---------|--|---------|--|--------|
| | Units | (000) | Units | (000) | Units | (000) |
| PAYMENTS TO HOMEOWNERS | 406 | 8,308 | 816 | 226,681 | 528 | 9,535 |
| OTHER OPERATING COSTS | 1,676 | 71,154 | 1,006 | 37,988 | 653 | 3,725 |
| ACQUISITION OF PROPERTIES | 20 | 1,980 | 102 | 38,242 | 65 | 14,994 |
| MORTGAGES ASSUMED | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL PROGRAM | | 81,442 | | 302,911 | | 28,254 |
| AVAILABLE FROM PRIOR YEAR* | | (1,006) | | 273,613 | | 16,601 |
| UNOBLIGATED BALANCES TRANSFERRED - OUT | | 0 | | 0 | | 0 |
| ESTIMATED EARNED REVENUE | | 11,055 | | 29,384 | | 10,369 |
| RETIREMENT OF DEBT | | 0 | | 0 | | 0 |
| RECOVERY OF PRIOR YEAR OBLIGATIONS | | 1,544 | | 0 | | 0 |
| AVAILABLE FOR OTHER YEARS | | 273,613 | | 16,601 | | 0 |
| BUDGET AUTHORITY | | 0 | | 0 | | 0 |
| AUTHORIZATION TO SPEND AGENCY DEBT RECEIPTS | | 0 | | 0 | | 0 |
| APPROPRIATION | | 323,225 | | 16,515 | | 1,284 |
| TRANSFER TO/FROM OTHER ACCOUNT | | 20,237 | | 0 | | 0 |
| APPROPRIATION ADJUSTED | | 343,462 | | 16,515 | | 1,284 |

*Funds restored in Recovery of Prior Year Balances

EXHIBIT HA-4

February 2011

DEPARTMENT OF ARMY
Fiscal Year (FY) 2012 Budget Estimates
Homeowners Assistance Fund, Defense

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