

Fiscal Year (FY) 2016 Budget Estimates

AIR FORCE RESERVE



FY 2016 MILITARY CONSTRUCTION PROGRAM

**February
2015**

**DEPARTMENT OF THE AIR FORCE
AIR FORCE RESERVE
MILITARY CONSTRUCTION PROGRAM JUSTIFICATION
OF ESTIMATES FOR FISCAL YEAR 2016**

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**DEPARTMENT OF THE AIR FORCE
AIR FORCE RESERVE
MILITARY CONSTRUCTION PROGRAM
(DOLLARS IN THOUSANDS)**

MAJOR CONSTRUCTION

FY 2016 MILITARY CONSTRUCTION PROJECTS LIST

| <u>STATE/ COUNTRY</u> | <u>INSTALLATION AND PROJECT</u> | <u>AUTH OF APPROP AMOUNT</u> | <u>APPROP AMOUNT</u> | <u>DD FORM 1391 PAGE #</u> |
|---------------------------|--|--------------------------------------|--------------------------|------------------------------------|
| Arizona | Davis-Monthan AFB Guardian Angel Operations | <u>0</u> * | <u>18,200</u> | 2 |
| California | March ARB Satellite Fire Station | <u>4,600</u> | <u>4,600</u> | 7 |
| Florida | Patrick AFB Aircrew Life Support Facility | <u>3,400</u> | <u>3,400</u> | 12 |
| Ohio | Youngstown ARS Indoor Firing Range | <u>9,400</u> | <u>9,400</u> | 17 |
| Texas | Joint Base San Antonio Consolidate 433 Medical Facility | <u>9,900</u> | <u>9,900</u> | 21 |
| | SUBTOTAL | 27,300 | 45,500 | |
| | TOTAL IN THE UNITED STATES | 27,300 | 45,500 | |
| | Unspecified Minor Construction | 6,121 | 6,121 | |
| | Planning & Design | <u>13,400</u> | <u>13,400</u> | |
| | GRAND TOTAL | 46,821 | 65,021 | |

* This project was authorized in the FY 2015 NDAA at \$14.5 million but no funds were appropriated for the project. This project is being resubmitted in the FY 2016 request at \$18.2 million. Division B requests an increase in the FY15 NDAA authorization to \$18.2 from \$14.5M and appropriated funds in the amount of \$18.2M to execute the project.

**DEPARTMENT OF THE AIR FORCE
AIR FORCE RESERVE
MILITARY CONSTRUCTION PROGRAM
(DOLLARS IN THOUSANDS)**

MAJOR CONSTRUCTION

FY 2016 MILITARY CONSTRUCTION PROJECTS
NEW/CURRENT MISSION, ENVIRONMENTAL LIST

| <u>LOCATION</u> | <u>PROJECT</u> | <u>COST</u> | NEW, CURRENT <u>ENVIR</u> | <u>FOOTPRINT</u> |
|-----------------|--|---------------|---------------------------------|------------------|
| Arizona | Davis-Monthan AFB Guardian Angel Operations | <u>18,200</u> | Current | New |
| California | March ARB Satellite Fire Station | <u>4,600</u> | Current | New |
| Florida | Patrick AFB Aircrew Life Support Facility | <u>3,400</u> | Current | New |
| Ohio | Youngstown ARS Indoor Firing Range | <u>9,400</u> | Current | New |
| Texas | Joint Base San Antonio Consolidate 433 Medical Facility | <u>9,900</u> | Current | New |
| | TOTAL | 45,500 | | |
| | SUBTOTALS: | | | |
| | New Mission | 0 | | |
| | Current Mission | 45,500 | | |
| | Environmental | 0 | | |
| | Unspecified Minor Construction | 6,121 | | |
| | Planning & Design | <u>13,400</u> | | |
| | FY 2016 APPROPRIATIONS TOTAL: | 65,021 | | |

SECTION 1
SPECIAL PROGRAM CONSIDERATIONS

**DEPARTMENT OF THE AIR FORCE
AIR FORCE RESERVE
MILITARY CONSTRUCTION PROGRAM**

MAJOR CONSTRUCTION

FY 2016 POLLUTION ABATEMENT/ENERGY CONSERVATION LISTING

No special program considerations in FY 2016.

SECTION 2

BUDGET APPENDIX EXTRACT

**DEPARTMENT OF THE AIR FORCE
AIR FORCE RESERVE
MILITARY CONSTRUCTION PROGRAM**

FY 2016 APPROPRIATION LANGUAGE

MILITARY CONSTRUCTION, AIR FORCE RESERVE

For construction, acquisition, expansion, rehabilitation, and conversion of facilities for the training and administration of the Air Force Reserve as authorized by Chapter 1803 of Title 10, United States Code, and Military Construction Authorization Acts, \$65,021,000 to remain available until September 30, 2020.

**DEPARTMENT OF THE AIR FORCE
AIR FORCE RESERVE
MILITARY CONSTRUCTION PROGRAM**

SPECIAL PROGRAM CONSIDERATIONS

Pollution Abatement

The military construction projects proposed in this program will be designed to meet environmental standards. Military construction projects proposed primarily for abatement of existing pollution problems at installations have been reviewed to ensure that corrective action is accomplished in accordance with applicable standards and criteria.

Energy Conservation

Military construction projects specifically designed for energy conservation at installations have been developed, reviewed and selected with prioritization by energy savings per investment costs. Projects include improvements to existing facilities and utility systems to upgrade design, eliminate waste, and install energy saving devices. Projects are designed for minimum energy consumption.

Flood Plain Management and Wetlands Protection

Proposed land acquisitions, disposals and installation construction projects have been planned to allow for the proper management of flood plains and protection of wetlands by avoiding long-term impacts, reducing the risk of flood losses, and minimizing the loss or degradation of wetlands. Project planning is in accordance with the requirements of Executive Order Nos. 11988 and 22990.

Design for Accessibility of Physically Handicapped Personnel

In accordance with Public Law 90-480, provisions for physically handicapped personnel will be provided for, where appropriate, in the design of facilities included in this program.

Preservation of Historical Sites and Structures

Facilities in this program do not directly or indirectly affect any district, site, building, structure, object or setting listed in the National Register of Historic Places, except as noted on the project's DD Form 1391.

Environmental Protection

In accordance with Section 102(2)(c) of the National Environmental Protection Act of 1969 (PL 91-190), the environmental impact analysis process has been completed or is actively underway for all projects in this Military Construction Program.

Economic Analysis

Economics are an inherent aspect of project development and design of military construction projects included in this program. This program represents the most economical use of resources.

Reserve Manpower Potential

The Reserve manpower potential to meet and maintain authorized strengths of all Reserve flying/non-flying units in those areas in which these facilities are to be located has been reviewed. It has been determined, in coordination with all other services having Reserve flying/non-flying units in these areas, that the number of units of the Reserve components of the Armed Forces presently located in these areas, and those which have been allocated to the areas for future activation, is not and will not be larger than the number that can reasonably be expected to be maintained at authorized strength levels considering the number of persons living in these areas who are qualified for membership in those Reserve units.

Potential Use of Vacant Schools & Other State & Local Facilities

The potential use of vacant schools and other state and local owned facilities has been reviewed and analyzed for each facility to be constructed under this program.

Congressional Reporting Requirements

Page iii, titled "New/Current Mission, Environmental List," is in response to a Senate Appropriations Committee requirement contained on page 10 (New and Current Mission Activities) of Report #100-380.

Unless otherwise noted, the projects comply with the scope and design criteria prescribed in Part II of Military Handbook 1190, "Facilities Planning and Design Guide."

SECTION 3

**INSTALLATION AND PROJECT JUSTIFICATION DATA
DD FORMS 1391 AND DD FORMS 1390**

| | | | | |
|--|---|---|-----------------------------------|-------------------------|
| 1. COMPONENT AIR FORCE RESERVE | FY 2016 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE FEB 2015 |
| 3. INSTALLATION AND LOCATION DAVIS-MONTHAN AIR FORCE BASE, ARIZONA | | 4. PROJECT TITLE GUARDIAN ANGEL OPERATIONS | | |
| 5. PROGRAM ELEMENT 52576F | 6. CATEGORY 141-753 | 7. PROJECT NUMBER FBNV169001 | 8. PROJECT COST (\$000) 18,200 | |
| 9. COST ESTIMATES | | | | |
| ITEM | | | | |
| UM | | | | |
| QUANTITY | | | | |
| UNIT COST | | | | |
| COST (\$000) | | | | |
| PRIMARY FACILITIES | | | | |
| GUARDIAN ANGEL OPERATIONS FACILITY | | | | |
| SUSTAINABILITY AND ENERGY MEASURES | | | | |
| SUPPORTING FACILITIES | | | | |
| UTILITIES | | | | |
| DEMO/REMOVE TEMP FACILITY 1750A | | | | |
| SITE IMPROVEMENTS | | | | |
| PAVEMENTS | | | | |
| COMMUNICATIONS SUPPORT/RELOCATION | | | | |
| SUBTOTAL | | | | |
| CONTINGENCY (5%) | | | | |
| TOTAL CONTRACT COST | | | | |
| SUPERVISION, INSPECTION & OVERHEAD (5.7%) | | | | |
| TOTAL REQUEST | | | | |
| TOTAL REQUEST (ROUNDED) | | | | |
| EQUIPMENT FROM OTHER APPROPRIATIONS | | | | |
| <p>10. DESCRIPTION OF PROPOSED WORK: Construct Guardian Angel Operations Facility including warehouse and equipment storage yard. Single story facility with split-face masonry block, reinforced concrete foundation and floor slab, structural steel frame, standing seam metal roof, restrooms, locker rooms, and shower rooms. Provide fire detection/protection, utilities, site improvements, landscaping, screen walls, parking, walkways, access roads, paved operational equipment yard, pavements demolition, and all necessary supporting facilities for a complete and usable facility. All work shall be in accordance with ACC, AFRC, and the installation design compatibility guidelines. Includes DoD force protection standards for buildings. This project will incorporate applicable US Air Force High Performance Green Building (HPGB) and/or Green Design and Development objectives per EAct 2005 and CFR Title 10 Part 433, building commissioning, materials selection, and indoor environmental quality. Air Conditioning: 120 tons (squadron operations), <u>warehouse shall be evaporative cooling.</u></p> | | | | |
| <p>11. REQUIREMENT: 5,913 SM ADEQUATE: 0 SM SUBSTANDARD: 1,860 SM <u>PROJECT:</u> Construct Guardian Angel squadron operations, warehouse, and equipment storage facility (Current Mission) <u>REQUIREMENT:</u> An adequately sized and properly configured Guardian Angel facility to provide operational, training, administrative, warehouse, and equipment storage areas for assigned personnel and equipment to partner with joint and coalition forces in support of COCOM requirements for personnel recovery and homeland defense. Facility will house squadron operations functions to include weapons and tactics, intelligence vault, briefing and debriefing, standardization/evaluation, mission planning, conference area, and training and scheduling. Functional areas required include administrative office space, medical training and support equipment areas, laundry and drying rooms, parachute packing areas, mission alert equipment storage and assembly, communications, life support, climbing and helicopter mock-up areas, watercraft storage and maintenance areas, weapons maintenance and vault, vehicle maintenance, dive equipment maintenance and training and operational functions to include break and kitchen areas. 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>CURRENT SITUATION:</u> This project was authorized in the FY 2015 NDAA at \$14.5 million but no funds were appropriated for the project. This project is being resubmitted in the FY 2016 request at \$18.2 million. Division B requests an increase in the FY15 NDAA authorization to \$18.2 from \$14.5M and appropriated funds in the amount of \$18.2M to execute the project. There are currently no facilities on the installation large enough or available that can be modernized or renovated to accommodate the Guardian Angel mission. The 306 RQS is located in buildings 1631, 1632, 1634, 1246, and 5426. The original building (1631) was built for a squadron of 54 personnel. Since that time, the unit has grown to 103 personnel and increased in total number of Guardian Angel UTC's, significantly increasing the squadron equipment storage requirements. Even in the current multi-facility, dispersed configuration, the 306 RQS is still short of the space authorized by more than 40,000 SF. Critical space authorization shortfalls include medical supply, records storage, training, scuba, life support, small engine maintenance, administrative offices, etc. A non-consolidated facility posture also reduces functionality and security of over \$6.3M worth of equipment and other assets causing a constant, manpower intensive systems of functional work-arounds and costly duplication of asset security requirements. HQ AFRC FOCUS, September 2013, identified and validated facility shortfalls noted in this requirements document.</p> | | | | |

| | | |
|---|---|--------------------------------|
| 1. COMPONENT AIR FORCE RESERVE | FY 2016 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE FEB 2015 |
| 3. INSTALLATION AND LOCATION: DAVIS-MONTHAN AIR FORCE BASE, ARIZONA | | |
| 4. PROJECT TITLE: GUARDIAN ANGEL OPERATIONS | 5. PROJECT NUMBER FBNV169001 | |
| <p><u>IMPACT IF NOT PROVIDED:</u> Adequate facilities will not be available to perform essential Guardian Angel training and readiness operations forcing continued inadequate and high risk workarounds. Inadequately areas for training and secured storage for mission critical equipment will result in increased replacement cost and loss of unit training and effectiveness. The potential for significant degradation of mission performance and capabilities will be increased until eventual total loss of mission capability is realized due to personnel and equipment non-availability.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in Military Handbook 1190, "Facility Planning and Design Guide" and Air Force Handbook 32-1084, "Facility Requirements". This project must be designed and executed in accordance with all applicable United States Air Force and Arizona state laws and guidance. The project shall require, but is not limited to, the following regulatory permits and fees; 1) Pima County Air Quality Permit, 2) ADEQ Storm Water Pollution Prevention Plan Permit and Notice of Intent, 3) Pima County Asbestos Removal Disposal Permit, 4) Pima County Lead Base Paint Removal Disposal Permit, 5) Native Plant Preservation Plan (NPPP), and 6) Pima County Drainage (Sewer) and Water (Plumbing) Fixture Unit connection fees applicable. Applicable Antiterrorism and Force Protection costs programmed as per minimum UFC requirements and Air Force Manual 32-1071, Volumes 1, 2, and 3. This project will incorporate all required Leadership in Energy and Environmental Design (LEED) applications. These sustainable principles will be integrated into the project design, development, and construction in accordance with Executive Order 12423 and other applicable laws and Executive Orders. This project shall incorporate photovoltaic electrical production to supplement commercial power, solar preheat water supply, and mechanical thermal storage required for operational requirements. This project will be registered with the USGBC under the current certification criteria and will include actual LEED "Silver" certification as part of the contract costs. All known alternative options were considered during the development of this project. Base Civil Engineer: (520) 228-3401. AFRC POC: HQ AFRC/A7PP, DSN 497-1108. Guardian Angel Operations (306RQS): 5,913 SM = 63,650 SF (3,916 SM / 42,150 SF Squadron Operations and 1,997 SM / 21,500 SF Equipment Storage and Warehouse). Equipment from other appropriations = \$675K for furnishings, \$156K for interior design, \$575K for communications equipment.</p> <p><u>JOINT USE CERTIFICATION:</u> This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force (Reserve) requirements.</p> | | |

| 1. COMPONENT AIR FORCE RESERVE | FY 2016 MILITARY CONSTRUCTION PROJECT DAT A | 2. DATE FEB 2015 | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|-----|--|-----|----------|----------------|-------------------|------------------|--------------------------|-------------|-------------------------------|--------------------------------|--|---------------------|-------------------------------|------|---------|-----|--------------------------|------|---------|-----|--------------------------|------|---------|-----|
| 3. INSTALLATION AND LOCATION DAVIS-MONTHAN AIR FORCE BASE, ARIZONA | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. PROJECT TITLE GUARDIAN ANGEL OPERATIONS | 5. PROJECT NUMBER FBNV169001 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>12. <u>SUPPLEMENTAL DATA:</u></p> <p>A. DESIGN DATA (Estimated)</p> <p>1. STATUS</p> <p style="margin-left: 40px;">a. Date Design Started: Oct 2014</p> <p style="margin-left: 40px;">b. Parametric estimates have been used to develop project cost.</p> <p style="margin-left: 40px;">c. Percentage Complete as of January 1, 2015 15%</p> <p style="margin-left: 40px;">d. Date Design 35% Complete Apr 2015</p> <p style="margin-left: 40px;">e. Date Design Complete - (If design-build, construction complete) Jul 2015</p> <p>2. BASIS</p> <p style="margin-left: 40px;">a. Standard or Definitive Design - Yes ___ No <u>X</u>.</p> <p style="margin-left: 40px;">b. Where Design Was Most Recently Used <u>N/A</u>.</p> <p>3. COST (Total) = c + a + b or d + e (\$000)</p> <table style="width:100%; margin-left: 40px; border-collapse: collapse;"> <tr> <td style="width: 80%;">a. Production of Plans and Specifications (35% design)</td> <td style="text-align: right;">()</td> </tr> <tr> <td>b. All Other Design Costs (Design-build)</td> <td style="text-align: right;">()</td> </tr> <tr> <td>c. Total</td> <td style="text-align: right;"><u>(2,002)</u></td> </tr> <tr> <td>d. Contract (A-E)</td> <td style="text-align: right;"><u>(1,638)</u> (</td> </tr> <tr> <td>e. In-house (management)</td> <td style="text-align: right;"><u>364)</u></td> </tr> </table> <p style="margin-left: 40px;">4. CONTRACT AWARD DATE: Aug 2016</p> <p style="margin-left: 40px;">5. CONSTRUCTION START: Oct 2016</p> <p style="margin-left: 40px;">6. CONSTRUCTION COMPLETE: Oct 2018</p> <p>B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:</p> <table style="width:100%; margin-left: 40px; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Equipment Nomenclature</u></th> <th style="text-align: center;"><u>Procuring Appropriation</u></th> <th style="text-align: center;"><u>Fiscal Year Appropriated Or Requested</u></th> <th style="text-align: center;"><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td>Furniture / Storage Equipment</td> <td style="text-align: center;">3740</td> <td style="text-align: center;">FY 2017</td> <td style="text-align: center;">675</td> </tr> <tr> <td>Interior Design Services</td> <td style="text-align: center;">3740</td> <td style="text-align: center;">FY 2016</td> <td style="text-align: center;">156</td> </tr> <tr> <td>Communications Equipment</td> <td style="text-align: center;">3740</td> <td style="text-align: center;">FY 2017</td> <td style="text-align: center;">575</td> </tr> </tbody> </table> | | | a. Production of Plans and Specifications (35% design) | () | b. All Other Design Costs (Design-build) | () | c. Total | <u>(2,002)</u> | d. Contract (A-E) | <u>(1,638)</u> (| e. In-house (management) | <u>364)</u> | <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> | Furniture / Storage Equipment | 3740 | FY 2017 | 675 | Interior Design Services | 3740 | FY 2016 | 156 | Communications Equipment | 3740 | FY 2017 | 575 |
| a. Production of Plans and Specifications (35% design) | () | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| b. All Other Design Costs (Design-build) | () | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| c. Total | <u>(2,002)</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| d. Contract (A-E) | <u>(1,638)</u> (| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| e. In-house (management) | <u>364)</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>Equipment Nomenclature</u> | <u>Procuring Appropriation</u> | <u>Fiscal Year Appropriated Or Requested</u> | <u>Cost (\$000)</u> | | | | | | | | | | | | | | | | | | | | | | | | | |
| Furniture / Storage Equipment | 3740 | FY 2017 | 675 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interior Design Services | 3740 | FY 2016 | 156 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Communications Equipment | 3740 | FY 2017 | 575 | | | | | | | | | | | | | | | | | | | | | | | | | |

| 1. COMPONENT AIR FORCE RESERVE | FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION | | | | 2. DATE FEB 2015 | | | | | | | | | | | | | |
|--|--|--------------|-------------------------------|--------------------------------------|----------------------------------|--|--------------------------------|----------------------|--------------|-------------------------------|-------------------------------|----------------------------------|---------|---------------------------|----------|--------|----------|----------|
| 3. INSTALLATION AND LOCATION DAVIS-MONTHAN AIR FORCE BASE, ARIZONA | | | | 4. AREA CONSTR COST INDEX 1.01 | | | | | | | | | | | | | | |
| 5. FREQUENCY AND TYPE UTILIZATION Daily use by civilian, technician and AGR force. One unit training assembly per month, 15 days annual field training per year. | | | | | | | | | | | | | | | | | | |
| 6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS None | | | | | | | | | | | | | | | | | | |
| 7. PROJECTS REQUESTED IN THIS PROGRAM <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>CATEGORY</u> <u>CODE</u></th> <th style="text-align: left;"><u>PROJECT TITLE</u></th> <th style="text-align: left;"><u>SCOPE</u></th> <th style="text-align: left;"><u>COST</u> <u>(\$000)</u></th> <th style="text-align: left;"><u>DESIGN</u> <u>START</u></th> <th style="text-align: left;"><u>DESIGN</u> <u>COMPLETE</u></th> </tr> </thead> <tbody> <tr> <td>141-753</td> <td>GUARDIAN ANGEL OPERATIONS</td> <td>5,913 SM</td> <td>18,200</td> <td>Oct 2014</td> <td>Jul 2015</td> </tr> </tbody> </table> | | | | | | | <u>CATEGORY</u> <u>CODE</u> | <u>PROJECT TITLE</u> | <u>SCOPE</u> | <u>COST</u> <u>(\$000)</u> | <u>DESIGN</u> <u>START</u> | <u>DESIGN</u> <u>COMPLETE</u> | 141-753 | GUARDIAN ANGEL OPERATIONS | 5,913 SM | 18,200 | Oct 2014 | Jul 2015 |
| <u>CATEGORY</u> <u>CODE</u> | <u>PROJECT TITLE</u> | <u>SCOPE</u> | <u>COST</u> <u>(\$000)</u> | <u>DESIGN</u> <u>START</u> | <u>DESIGN</u> <u>COMPLETE</u> | | | | | | | | | | | | | |
| 141-753 | GUARDIAN ANGEL OPERATIONS | 5,913 SM | 18,200 | Oct 2014 | Jul 2015 | | | | | | | | | | | | | |
| 8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Approved for unilateral construction, 2 May 2014 | | | | | | | | | | | | | | | | | | |
| 9. LAND ACQUISITION REQUIRED | | | | <i>(Number of Acres)</i> | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | | | |
| 10. PROJECTS PLANNED IN NEXT FOUR YEARS <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>CATEGORY</u> <u>CODE</u></th> <th style="text-align: left;"><u>PROJECT TITLE</u></th> <th style="text-align: left;"><u>SCOPE</u></th> <th style="text-align: left;"><u>COST</u> <u>(\$000)</u></th> <th style="text-align: left;"><u>YEAR</u></th> </tr> </thead> <tbody> <tr> <td></td> <td>None</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> | | | | | | | <u>CATEGORY</u> <u>CODE</u> | <u>PROJECT TITLE</u> | <u>SCOPE</u> | <u>COST</u> <u>(\$000)</u> | <u>YEAR</u> | | None | | | | | |
| <u>CATEGORY</u> <u>CODE</u> | <u>PROJECT TITLE</u> | <u>SCOPE</u> | <u>COST</u> <u>(\$000)</u> | <u>YEAR</u> | | | | | | | | | | | | | | |
| | None | | | | | | | | | | | | | | | | | |
| RPM BACKLOG AT THIS INSTALLATION (\$000): 4,885 | | | | | | | | | | | | | | | | | | |

| | | | | | | | |
|---|--|-------------------|-----------------|-----------------|-------------------------|----------------|-----------------|
| 1. COMPONENT AIR FORCE RESERVE | FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION | | | | 2. DATE FEB 2015 | | |
| 3. INSTALLATION AND LOCATION DAVIS-MONTHAN AIR FORCE BASE, ARIZONA | | | | | | | |
| 11. PERSONNEL STRENGTH AS OF JAN 2015 | | | | | | | |
| | PERMANENT (ARTs, AGRs, Non-ART Civilians) | | | | GUARD/RESERVE | | |
| | <u>TOTAL</u> | <u>OFFICER</u> | <u>ENLISTED</u> | <u>CIVILIAN</u> | <u>TOTAL</u> | <u>OFFICER</u> | <u>ENLISTED</u> |
| AUTHORIZED | 355 | 43 | 288 | 24 | 559 | 69 | 490 |
| ACTUAL | 298 | 40 | 237 | 21 | 593 | 67 | 526 |
| 12. RESERVE UNIT DATA | | | | | | | |
| | <u>UNIT DESIGNATION</u> | <u>AUTHORIZED</u> | | <u>STRENGTH</u> | | | <u>ACTUAL</u> |
| | 305 Rescue Squadron | 45 | | 47 | | | |
| | 306 Rescue Squadron | 97 | | 94 | | | |
| | 413 Flight Test Group | 4 | | 3 | | | |
| | 47 Fighter Squadron | 40 | | 35 | | | |
| | 720 Security Forces Squadron 610 | 70 | | 85 | | | |
| | Command and Control Squadron | 48 | | 41 | | | |
| | 924 Fighter Group | 51 | | 23 | | | |
| | 924 Maintenance Squadron 943 | 342 | | 284 | | | |
| | Aerospace Medicine Squadron | 44 | | 77 | | | |
| | 943 Maintenance Squadron 943 | 97 | | 124 | | | |
| | Mission Support Flight 943 | 22 | | 25 | | | |
| | Operations Support Flight 943 | 22 | | 27 | | | |
| | Rescue Group | 32 | | 26 | | | |
| | Total | 914 | | 891 | | | |
| 13. MAJOR EQUIPMENT AND AIRCRAFT | | | | | | | |
| | <u>TYPE</u> | <u>AUTHORIZED</u> | | <u>ASSIGNED</u> | | | |
| | HH-60G | 5 | | 6 | | | |
| | A-10C | 24 | | 28 | | | |

| | | | | | | |
|--|--|--|---------------------------------|--|----------------------------------|--------------|
| 1. COMPONENT AIR FORCE RESERVE | | FY 2016 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE FEB 2015 | |
| 3. INSTALLATION AND LOCATION MARCH AIR RESERVE BASE, CALIFORNIA | | | | 4. PROJECT TITLE SATELLITE FIRE STATION | | |
| 5. PROGRAM ELEMENT 52576F | | 6. CATEGORY CODE 730-142 | 7. PROJECT NUMBER PDPG120514 | | 8. PROJECT COST (\$000) 4,600 | |
| 9. COST ESTIMATE | | | | | | |
| ITEM | | | | U/M | QUANTITY | COST (\$000) |
| PRIMARY FACILITIES | | | | | | 3,488 |
| SATELLITE FIRE STATION | | | | SM | 807 | (3420) |
| SDD&EPA05 "LEED" | | | | | | (68) |
| SUPPORTING FACILITIES | | | | | | 698 |
| UTILITIES | | | | LS | | (175) |
| PAVEMENTS | | | | LS | | (175) |
| SITE IMPROVEMENTS | | | | LS | | (148) |
| COMMUNICATIONS | | | | LS | | (150) |
| ENVIRONMENTAL SAMPLING AND ANALYSIS | | | | LS | | (50) |
| SUBTOTAL | | | | | | 4,187 |
| CONTINGENCY (5%) | | | | | | 209 |
| TOTAL CONTRACT COST | | | | | | 4,397 |
| SUPERVISION, INSPECTION AND OVERHEAD (5.7%) | | | | | | 251 |
| TOTAL REQUEST | | | | | | 4,647 |
| TOTAL REQUEST (ROUNDED) | | | | | | 4,600 |
| UNFUNDED DESIGN (16%) | | | | | | 743 |
| EQUIPMENT FROM OTHER APPROPRIATIONS | | | | | | 929 |
| 10. DESCRIPTION OF PROPOSED CONSTRUCTION: Construct satellite fire station. Facility is to include two drive-through vehicle bays with four electrically operated roll-up doors installed in exterior walls and pavement for vehicle access. Facility will include: apparatus room, EMT storage room, sleeping dorm, station officer office/watch desk, laundry room, bathrooms/showers/changing, public ADA unisex bathroom, vending area, recreation room, computer testing/training, fitness room, admin space, admin storage, day room, hose storage room, PPE gear storage area, equipment wash/disinfect area. Includes HVAC, structural systems, Mass Notification System (MNS) and interior finishes. All utilities and required site work are included. This facility shall be designed and constructed in accordance with current force protection standards. 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 shall incorporate all aspects of the AFRC Energy Policy. This facility shall be designed and constructed in accordance with current force protection standards. Air Conditioning: 25 Tons. | | | | | | |
| 11. REQUIREMENT: 6,631 SM ADEQUATE: 5,824 SM SUBSTANDARD: 807 SM | | | | | | |
| <u>PROJECT:</u> Construct Satellite Fire Station. (Current Mission) | | | | | | |
| <u>REQUIREMENT:</u> Provide 807 SM Satellite Fire Station, necessary to house assigned firefighting apparatus and provide the necessary response time to the north side of the Base. Facility must provide adequate space for operation, maintenance, training, and equipment of the Base Fire Department. This project shall meet current Fire, AT/FP and ADA standards. This project shall be able to receive a United States Green Building Council (USGBC) Leadership in Energy and Environmental Design (LEED) rating of Silver. | | | | | | |
| <u>CURRENT SITUATION:</u> The current fire station does not have the necessary space to house firefighting apparatus. Response time from the existing fire station to the north side of the base exceeds the maximum time allowed by over 3 minutes. Time trials from the proposed new station were 3 ½ minutes faster than from the existing station. | | | | | | |
| <u>IMPACT IF NOT PROVIDED:</u> Emergency response times will not be met at the north end of the base which may cause a loss of a structure or life. Firefighting apparatus will continue to be parked exposed to the elements which may cause damage to equipment and shorten vehicle life expectancy. | | | | | | |

| | | | | |
|---|---|-------------------------------------|--|----------|
| 1. COMPONENT | | | | 2. DATE |
| AIR FORCE RESERVE | FY 2016 MILITARY CONSTRUCTION PROJECT DATA | | | FEB 2015 |
| 3. INSTALLATION AND LOCATION MARCH AIR RESERVE BASE, CALIFORNIA | | | 4. PROJECT TITLE SATELLITE FIRE STATION | |
| 5. PROGRAM ELEMENT 52576F | 6. CATEGORY CODE 730-142 | 7. PROJECT NUMBER PDPG120514 | 8. PROJECT COST (\$000) 4,600 | |
| <p><u>ADDITIONAL:</u> POC: HQ AFRC/A7PP, DSN 497-1108. NEW WORK: 807 SM = 8,683 SF. FOCUS recommended March ARB construct a satellite fire station. All known alternative options were considered during project development. No other options meet the mission requirements. This project is a candidate for Comprehensive Interior Design. Equipment from other appropriations = \$929K for furniture. Unfunded design cost is \$743K. The cost estimate for this facility was developed using Unified Facilities Criteria (UFC) DoD Facilities Pricing Guide UFC 3-701-01, chg. 6, May 2014.</p> <p><u>JOINT USE CERTIFICATION:</u> This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force Reserve requirements.</p> | | | | |

| 1. COMPONENT AIR FORCE RESERVE | FY 2016 MILITARY CONSTRUCTION PROJECT DAT A | 2. DATE FEB 2015 | | | | | | | | |
|---|--|--|---|--|--|-------------------------------|-------------------|------|---------|-----|
| 3. INSTALLATION AND LOCATION MARCH AIR RESERVE BASE, CALIFORNIA | | | | | | | | | | |
| 4. PROJECT TITLE SATELLITE FIRE STATION | 5. PROJECT NUMBER PDPG120514 | | | | | | | | | |
| 12. <u>SUPPLEMENTAL DATA:</u> A. DESIGN DATA (Estimated) 1. STATUS a. Date Design Started: Jun 2015 b. Parametric estimates have been used to develop project cost. c. Percentage Complete as of January 1, 2012 0% d. Date Design 35% Complete Sep 2015 e. Date Design Complete - (If design-build, construction complete) Mar 2016 2. BASIS a. Standard or Definitive Design - Yes ___ No <u>X</u> . b. Where Design Was Most Recently Used <u>N/A</u> . 3. COST (Total) = c = a + b or d + e (\$000) a. Production of Plans and Specifications (35% design) (___) b. All Other Design Costs (Design-build) (___) c. Total (<u>460</u>) d. Contract (A-E) (<u>414</u>) e. In-house (management) (<u>46</u>) 4. CONTRACT AWARD DATE: Feb 2016 5. CONSTRUCTION START: Mar 2016 6. CONSTRUCTION COMPLETE: Oct 2017 B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM O T H E R APPROPRIATIONS: <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left; padding: 5px;"><u>Equipment</u> <u>Nomenclature</u></th> <th style="text-align: left; padding: 5px;"><u>Procuring</u> <u>Appropriation</u></th> <th style="text-align: left; padding: 5px;"><u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u></th> <th style="text-align: left; padding: 5px;"><u>Cost</u> <u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">Systems Furniture</td> <td style="padding: 5px;">3740</td> <td style="padding: 5px;">FY 2016</td> <td style="padding: 5px;">929</td> </tr> </tbody> </table> | | | <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> | Systems Furniture | 3740 | FY 2016 | 929 |
| <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> | | | | | | | |
| Systems Furniture | 3740 | FY 2016 | 929 | | | | | | | |

| | | | | | |
|---|--|------------------------|--|---|--|
| 1. COMPONENT AIR FORCE RESERVE | FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION | | | | 2. DATE FEB 2015 |
| 3. INSTALLATION AND LOCATION MARCH AIR RESERVE BASE, CALIFORNIA | | | | 4. AREA CONSTR COST INDEX 1.17 | |
| 5. FREQUENCY AND TYPE UTILIZATION One unit training assembly per month, 15 days annual field training per year. Daily use by technician/AGR force. Periodic use by Marine Corps and transient military services. | | | | | |
| 6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS None | | | | | |
| 7. PROJECTS REQUESTED IN THIS PROGRAM | | | | | |
| <u>CATEGORY</u> <u>CODE</u> 730-142 | <u>PROJECT TITLE</u> SATELLITE FIRE STATION | <u>SCOPE</u> 807 SM | <u>COST</u> <u>(\$000)</u> 4,600 | <u>DESIGN</u> <u>START</u> Jun 2015 | <u>DESIGN</u> <u>COMPLETE</u> Mar 2016 |
| 8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Approved for unilateral construction, 29 Mar 12 | | | | | |
| 9. LAND ACQUISITION REQUIRED <i>(Number of Acres)</i> NONE | | | | | |
| 10. PROJECTS PLANNED IN NEXT FOUR YEARS | | | | | |
| <u>CATEGORY</u> <u>CODE</u> | <u>PROJECT TITLE</u> None | <u>SCOPE</u> | <u>COST</u> <u>(\$000)</u> | <u>YEAR</u> | |
| RPM BACKLOG AT THIS INSTALLATION (\$000): 514,433 | | | | | |

| | | |
|--------------------------------------|--|-------------------------|
| 1. COMPONENT AIR FORCE RESERVE | FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION | 2. DATE FEB 2015 |
|--------------------------------------|--|-------------------------|

3. INSTALLATION AND LOCATION

MARCH AIR RESERVE BASE, CALIFORNIA

11. PERSONNEL STRENGTH AS OF JAN 2015

| | PERMANENT (ARTs, AGRs, Non-ART Civilians) | | | | GUARD/RESERVE | | |
|------------|---|----------------|-----------------|-----------------|---------------|----------------|-----------------|
| | <u>TOTAL</u> | <u>OFFICER</u> | <u>ENLISTED</u> | <u>CIVILIAN</u> | <u>TOTAL</u> | <u>OFFICER</u> | <u>ENLISTED</u> |
| AUTHORIZED | 949 | 92 | 571 | 286 | 1,597 | 378 | 1,219 |
| ACTUAL | 918 | 81 | 546 | 291 | 2,106 | 337 | 1,769 |

12. RESERVE UNIT DATA

| <u>UNIT DESIGNATION</u> | <u>STRENGTH</u> | |
|-------------------------------------|-------------------|---------------|
| | <u>AUTHORIZED</u> | <u>ACTUAL</u> |
| 4 Air Force | 61 | 51 |
| AFR West Recruiting Squadron | 15 | 16 |
| 452 Air Mobility Wing | 130 | 146 |
| 452 Operations Group | 20 | 19 |
| 452 Operations Support Squadron | 147 | 159 |
| 729 Airlift Squadron | 165 | 146 |
| 336 Air Refueling Squadron | 72 | 80 |
| 452 Aeromedical Evacuation Squadron | 113 | 114 |
| 452 Maintenance Group | 102 | 84 |
| 452 Maintenance Squadron | 278 | 372 |
| 452 Aircraft Maintenance Squadron | 175 | 252 |
| 452 Aeromedical Staging Squadron | 112 | 159 |
| 452 Mission Support Group | 7 | 4 |
| 452 Civil Engineer Squadron | 258 | 298 |
| 452 Security Forces Squadron | 223 | 280 |
| 452 Force Support Squadron | 129 | 173 |
| 452 Logistics Readiness Squadron | 137 | 196 |
| 452 Communications Squadron | 70 | 115 |
| 452 Contracting Flight | 14 | 14 |
| 452 Airlift Control Flight | 39 | 37 |
| 452 Medical Group | 4 | 4 |
| 452 Aerospace Medicine Squadron | 113 | 178 |
| 922 Civil Engineer Flight | 35 | 21 |
| 701 Combat Operations Squadron | <u>127</u> | <u>106</u> |
| Total | 2,546 | 3,024 |

13. MAJOR EQUIPMENT AND AIRCRAFT

| <u>TYPE</u> | <u>AUTHORIZED</u> | <u>ASSIGNED</u> |
|-------------|-------------------|-----------------|
| C-17A | 8 | 9 |
| KC-135R | 12 | 14 |

| 1. COMPONENT AIR FORCE RESERVE | FY 2016 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE FEB 2015 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|--------------------------------------|-------------------------|------|-----|----------|-----------|--------------|---|--|--|--|--|--|----|-----|-------|---------|----------------|----|-------|-----|-------|------------------|----|--|--|------|---------------------|----|--|--|------|-----------------------|--|--|--|-----|-----------|----|--|--|------|-----------|----|--|--|-------|-------------------|----|--|--|------|----------|--|--|--|-------|--------------------|--|--|--|-----|---------------------|--|--|--|-------|---|--|--|--|-----|---------------|--|--|--|-------|-------------------------|--|--|--|-------|-------------------------------------|--|--|--|-----|
| 3. INSTALLATION AND LOCATION PATRICK AIR FORCE BASE PATRICK SITE #1, FLORIDA | | 4. PROJECT TITLE AIRCREW LIFE SUPPORT FACILITY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. PROGRAM ELEMENT 52576F | 6. CATEGORY CODE 141-111 | 7. PROJECT NUMBER SXHT121264 | 8. PROJECT COST (\$000) 3,400 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9. COST ESTIMATES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">ITEM</th> <th style="width: 5%;">U/M</th> <th style="width: 15%;">QUANTITY</th> <th style="width: 10%;">UNIT COST</th> <th style="width: 10%;">COST (\$000)</th> </tr> </thead> <tbody> <tr> <td colspan="5">ADD/ALTER AIRCREW LIFE SUPPORT FACILITY</td> </tr> <tr> <td>PARACHUTE PACKING & AIRCREW SUPPORT ADDITION</td> <td>SM</td> <td style="text-align: right;">803</td> <td style="text-align: right;">2,339</td> <td style="text-align: right;">(1,878)</td> </tr> <tr> <td>ALTER BLDG 624</td> <td>SM</td> <td style="text-align: right;">1,144</td> <td style="text-align: right;">658</td> <td style="text-align: right;">(752)</td> </tr> <tr> <td>SDD & EPACT (2%)</td> <td>LS</td> <td></td> <td></td> <td style="text-align: right;">(54)</td> </tr> <tr> <td>COMMUNICATIONS (3%)</td> <td>LS</td> <td></td> <td></td> <td style="text-align: right;">(78)</td> </tr> <tr> <td>SUPPORTING FACILITIES</td> <td></td> <td></td> <td></td> <td style="text-align: right;">343</td> </tr> <tr> <td>UTILITIES</td> <td>LS</td> <td></td> <td></td> <td style="text-align: right;">(82)</td> </tr> <tr> <td>PAVEMENTS</td> <td>LS</td> <td></td> <td></td> <td style="text-align: right;">(203)</td> </tr> <tr> <td>SITE IMPROVEMENTS</td> <td>LS</td> <td></td> <td></td> <td style="text-align: right;">(58)</td> </tr> <tr> <td>SUBTOTAL</td> <td></td> <td></td> <td></td> <td style="text-align: right;">3,105</td> </tr> <tr> <td>CONTINGENCY (5.0%)</td> <td></td> <td></td> <td></td> <td style="text-align: right;">155</td> </tr> <tr> <td>TOTAL CONTRACT COST</td> <td></td> <td></td> <td></td> <td style="text-align: right;">3,260</td> </tr> <tr> <td>SUPERVISION, INSPECTION AND OVERHEAD (5.7%)</td> <td></td> <td></td> <td></td> <td style="text-align: right;">186</td> </tr> <tr> <td>TOTAL REQUEST</td> <td></td> <td></td> <td></td> <td style="text-align: right;">3,446</td> </tr> <tr> <td>TOTAL REQUEST (ROUNDED)</td> <td></td> <td></td> <td></td> <td style="text-align: right;">3,400</td> </tr> <tr> <td>EQUIPMENT FROM OTHER APPROPRIATIONS</td> <td></td> <td></td> <td></td> <td style="text-align: right;">272</td> </tr> </tbody> </table> | | | | | ITEM | U/M | QUANTITY | UNIT COST | COST (\$000) | ADD/ALTER AIRCREW LIFE SUPPORT FACILITY | | | | | PARACHUTE PACKING & AIRCREW SUPPORT ADDITION | SM | 803 | 2,339 | (1,878) | ALTER BLDG 624 | SM | 1,144 | 658 | (752) | SDD & EPACT (2%) | LS | | | (54) | COMMUNICATIONS (3%) | LS | | | (78) | SUPPORTING FACILITIES | | | | 343 | UTILITIES | LS | | | (82) | PAVEMENTS | LS | | | (203) | SITE IMPROVEMENTS | LS | | | (58) | SUBTOTAL | | | | 3,105 | CONTINGENCY (5.0%) | | | | 155 | TOTAL CONTRACT COST | | | | 3,260 | SUPERVISION, INSPECTION AND OVERHEAD (5.7%) | | | | 186 | TOTAL REQUEST | | | | 3,446 | TOTAL REQUEST (ROUNDED) | | | | 3,400 | EQUIPMENT FROM OTHER APPROPRIATIONS | | | | 272 |
| ITEM | U/M | QUANTITY | UNIT COST | COST (\$000) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ADD/ALTER AIRCREW LIFE SUPPORT FACILITY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PARACHUTE PACKING & AIRCREW SUPPORT ADDITION | SM | 803 | 2,339 | (1,878) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ALTER BLDG 624 | SM | 1,144 | 658 | (752) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SDD & EPACT (2%) | LS | | | (54) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COMMUNICATIONS (3%) | LS | | | (78) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUPPORTING FACILITIES | | | | 343 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UTILITIES | LS | | | (82) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PAVEMENTS | LS | | | (203) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SITE IMPROVEMENTS | LS | | | (58) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUBTOTAL | | | | 3,105 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONTINGENCY (5.0%) | | | | 155 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL CONTRACT COST | | | | 3,260 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUPERVISION, INSPECTION AND OVERHEAD (5.7%) | | | | 186 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL REQUEST | | | | 3,446 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL REQUEST (ROUNDED) | | | | 3,400 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EQUIPMENT FROM OTHER APPROPRIATIONS | | | | 272 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>10. DESCRIPTION OF PROPOSED WORK: Construct an 803 SM (8,645SF) addition to Bldg 624 for parachute packing and aircrew flight equipment for 920 OSS. Construction to consist of a slab on grade, CMU split face to match existing facility, metal stud walls, painted gypsum board walls, ceiling grid tiles with lights, vinyl floors, fire protection, standing seam metal roof, restrooms that meet ADA code, and all necessary supporting facilities. Alter existing building to accommodate new addition and to provide better use of space and repaint the EIFS exterior and metal roll-up door. This project shall incorporate all applicable aspects of the AFRC Energy Policy. 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. Air Conditioning: 20 Tons</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>11. REQUIREMENT: 1,947 SM ADEQUATE: 0 SM SUBSTANDARD: 1,947 SM PROJECT: Add/Alter Aircrew Life Support Facility (Current Mission) REQUIREMENT: A properly sized and configured facility and addition is needed for parachute packing and aircrew flight equipment. Protective coating of the EIFS exterior and roll-up door on the Flotation Storage/Inspection portion of the building is necessary to prevent structural damage and metal corrosion. This project shall be "formally certified and achieve at a minimum" a United States Green Building Council Leadership in Energy and Environmental Design (LEED) rating of Silver. This project shall be designed and constructed in accordance with current AT/FP standards. CURRENT SITUATION: Building 624 was constructed in 1986, has 12,309SF and is occupied by the 920 OSS. The 920 OSS is currently located in four buildings and are short of their authorization by 3,941SF. Parachute packing is currently located in Bldg 750 which is a 1943 vintage hangar with side shops. The area does not have the proper environmental conditions suited for parachute packing nor is it properly configured or sized. Proposal is to relocate parachute packing to the new addition. IMPACT IF NOT PROVIDED: Packing parachutes in the old hangar where environment is not controlled for temperature and humidity adds moisture to parachutes packs. During jumps these moisture laden parachutes will either open slowly or not at all. As a consequence, aircrew lives are in peril. Packing multiple parachutes in Bldg 624 cannot be done simultaneously; only 2000SF of 4000SF required is available. It is not safe if parachute packing is done in dangerously close to aircrew survival kits that contain munitions (flares) contrary to AFMAN 91-201, paragraph 1.1.2. ADDITIONAL: At the FOCUS Programming Workshop held on 14-18 May 2012, a decision was made to add to and alter Bldg 624. Cost estimate for this facility was developed using Parametric Cost Engineering System (PACES) 2007 computer program. New Construction: 803 SM = 8,645 SF POC: 920 RQW/CCO, DSN: 854-1193, COMM: 321- 494-1193. Equipment from other appropriations: \$186K for furniture and \$86K for communications. JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force Reserve requirements.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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|---|---|--|-------------------------------|
| 1. COMPONENT AIR FORCE RESERVE | FY 2016 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE FEB 2015 | |
| 3. INSTALLATION AND LOCATION PATRICK AIR FORCE BASE, PATRICK SITE #1, FLORIDA | | | |
| 4. PROJECT TITLE AIRCREW LIFE SUPPORT FACILITY | | 5. PROJECT NUMBER SXHT121264 | |
| 12. SUPPLEMENTAL DATA: | | | |
| A. DESIGN DATA (Estimated) | | | |
| 1. STATUS | | | |
| a. Date Design Started: | | Jun 2015 | |
| b. Parametric estimates have been used to develop project cost. | | | |
| c. Percentage Complete as of January 1, 2015 | | 0% | |
| d. Date Design 35% Complete | | Sep 2015 | |
| e. Date Design Complete - (If design-build, construction complete) | | Mar 2016 | |
| 2. BASIS | | | |
| a. Standard or Definitive Design - Yes ___ No <u>X</u> . | | | |
| b. Where Design Was Most Recently Used <u>N/A</u> . | | | |
| 3. COST (Total) = c = a + b or d + e (\$000) | | | |
| a. Production of Plans and Specifications (35% design) | | () | |
| b. All Other Design Costs (Design-build) | | () | |
| c. Total | | (350) | |
| d. Contract (A-E) | | (315) | |
| e. In-house (management) | | (35) | |
| 4. CONTRACT AWARD DATE: | | Aug 2016 | |
| 5. CONSTRUCTION START: | | Oct 2016 | |
| 6. CONSTRUCTION COMPLETE: | | Oct 2018 | |
| 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> |
| Systems Furniture | 3740 | FY 2017 | 186 |
| Communications Equipment | 3740 | FY 2016 | 86 |

| 1. COMPONENT AIR FORCE RESERVE | FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION | | | | 2. DATE FEB 2015 | | | | | | | | | | | | |
|---|--|--------------|-------------------------|--|----------------------------|--------------------------|----------------------|--------------|-------------------------|-------------------------|----------------------------|---------|----------------------------------|----------|-------|----------|----------|
| 3. INSTALLATION AND LOCATION PATRICK AIR FORCE BASE, PATRICK SITE #1, FLORIDA | | | | 4. AREA CONSTR COST INDEX 0.92 | | | | | | | | | | | | | |
| 5. FREQUENCY AND TYPE UTILIZATION Daily use by civilian, technician and AGR force. One unit training assembly per month, 15 days annual field training per year. | | | | | | | | | | | | | | | | | |
| 6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS None | | | | | | | | | | | | | | | | | |
| 7. PROJECTS REQUESTED IN THIS PROGRAM <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>CATEGORY CODE</u></th> <th style="text-align: left;"><u>PROJECT TITLE</u></th> <th style="text-align: left;"><u>SCOPE</u></th> <th style="text-align: left;"><u>COST (\$000)</u></th> <th style="text-align: left;"><u>DESIGN START</u></th> <th style="text-align: left;"><u>DESIGN COMPLETE</u></th> </tr> </thead> <tbody> <tr> <td>141-111</td> <td>AIRCREW LIFE SUPPORT FACILITY</td> <td>1,947 SM</td> <td>3,400</td> <td>Jun 2015</td> <td>Mar 2016</td> </tr> </tbody> </table> | | | | | | <u>CATEGORY CODE</u> | <u>PROJECT TITLE</u> | <u>SCOPE</u> | <u>COST (\$000)</u> | <u>DESIGN START</u> | <u>DESIGN COMPLETE</u> | 141-111 | AIRCREW LIFE SUPPORT FACILITY | 1,947 SM | 3,400 | Jun 2015 | Mar 2016 |
| <u>CATEGORY CODE</u> | <u>PROJECT TITLE</u> | <u>SCOPE</u> | <u>COST (\$000)</u> | <u>DESIGN START</u> | <u>DESIGN COMPLETE</u> | | | | | | | | | | | | |
| 141-111 | AIRCREW LIFE SUPPORT FACILITY | 1,947 SM | 3,400 | Jun 2015 | Mar 2016 | | | | | | | | | | | | |
| 8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Approved for unilateral construction, 26 Jan 2012 | | | | | | | | | | | | | | | | | |
| 9. LAND ACQUISITION REQUIRED <i>(Number of Acres)</i> NONE | | | | | | | | | | | | | | | | | |
| 10. PROJECTS PLANNED IN NEXT FOUR YEARS <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>CATEGORY CODE</u></th> <th style="text-align: left;"><u>PROJECT TITLE</u></th> <th style="text-align: left;"><u>SCOPE</u></th> <th style="text-align: left;"><u>COST (\$000)</u></th> <th style="text-align: left;"><u>YEAR</u></th> </tr> </thead> <tbody> <tr> <td></td> <td>None</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> | | | | | | <u>CATEGORY CODE</u> | <u>PROJECT TITLE</u> | <u>SCOPE</u> | <u>COST (\$000)</u> | <u>YEAR</u> | | None | | | | | |
| <u>CATEGORY CODE</u> | <u>PROJECT TITLE</u> | <u>SCOPE</u> | <u>COST (\$000)</u> | <u>YEAR</u> | | | | | | | | | | | | | |
| | None | | | | | | | | | | | | | | | | |
| RPM BACKLOG AT THIS INSTALLATION (\$000): 8,668 | | | | | | | | | | | | | | | | | |

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|--------------------------------------|--|-------------------------|
| 1. COMPONENT AIR FORCE RESERVE | FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION | 2. DATE FEB 2015 |
|--------------------------------------|--|-------------------------|

3. INSTALLATION AND LOCATION

PATRICK AIR FORCE BASE, PATRICK SITE #1, FLORIDA

11. PERSONNEL STRENGTH AS OF JAN 2015

| | PERMANENT (ARTs, AGRs, Non-ART Civilians) | | | | GUARD/RESERVE | | |
|------------|---|---------|----------|----------|---------------|---------|----------|
| | TOTAL | OFFICER | ENLISTED | CIVILIAN | TOTAL | OFFICER | ENLISTED |
| AUTHORIZED | 304 | 47 | 223 | 34 | 690 | 130 | 560 |
| ACTUAL | 301 | 47 | 228 | 26 | 1,021 | 151 | 870 |

12. RESERVE UNIT DATA

| UNIT DESIGNATION | STRENGTH | |
|-----------------------------------|------------|--------|
| | AUTHORIZED | ACTUAL |
| 920 Rescue Wing | 53 | 66 |
| 920 Mission Support Group | 5 | 11 |
| 920 Aeromedical Staging Squadron | 153 | 224 |
| 920 Communications Flight | 24 | 38 |
| 920 Force Support Squadron | 40 | 51 |
| 920 Logistics Readiness Flight | 34 | 46 |
| 920 Security Forces Squadron | 54 | 80 |
| 920 Operations Group | 17 | 13 |
| 920 Operations Support Squadron | 67 | 94 |
| 920 Maintenance Group | 38 | 44 |
| 920 Aircraft Maintenance Squadron | 103 | 155 |
| 920 Maintenance Squadron | 156 | 222 |
| 301 Rescue Squadron | 74 | 79 |
| 308 Rescue Squadron | 98 | 116 |
| 39 Rescue Squadron | 78 | 83 |
| Total | 994 | 1,322 |

13. MAJOR EQUIPMENT AND AIRCRAFT

| TYPE | AUTHORIZED | ASSIGNED |
|-----------|------------|----------|
| HC-130N/P | 5 | 6 |
| HH-60G | 8 | 9 |

| | | | | |
|--|---|---|--------------------------------------|-------------------------|
| 1. COMPONENT AIR FORCE RESERVE | FY 2016 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE FEB 2015 |
| 3. INSTALLATION AND LOCATION YOUNGSTOWN AIR RESERVE STATION, OH | | 4. PROJECT TITLE INDOOR FIRING RANGE | | |
| 5. PROGRAM ELEMENT 52576F | 6. CATEGORY CODE 171-475 | 7. PROJECT NUMBER ZQEL109001 | 8. PROJECT COST (\$000) 9,400 | |
| 9. COST ESTIMATES | | | | |
| | U/M | QUANTITY | UNIT COST | COST (\$000) |
| CONSTRUCT FIRING RANGE | | | | 7,839 |
| FIRING RANGE | SM | 2,527 | 3,041 | (7,685) |
| SDD & EPCAct05 | LS | | | (154) |
| SUPPORTING FACILITIES | | | | 650 |
| DEMOLITION | SM | 883 | 170 | (150) |
| UTILITIES | LS | | | (150) |
| COMMUNICATIONS | LS | | | (180) |
| PAVEMENTS | LS | | | (60) |
| SITE IMPROVEMENTS | LS | | | (110) |
| SUBTOTAL | | | | 8,489 |
| CONTINGENCY (5%) | | | | 424 |
| TOTAL CONTRACT COST | | | | 8,913 |
| SUPERVISION, INSPECTION AND OVERHEAD (5.7%) | | | | 508 |
| TOTAL REQUEST | | | | 9,421 |
| TOTAL REQUEST ROUNDED | | | | 9,400 |
| FUNDING FROM OTHER APPROPRIATIONS | | | | 700 |
| 10. DESCRIPTION: 21 point live fire range facility with reinforced concrete foundation, waterproof concrete floor slab with floor drains, structural steel frame, masonry walls, steel deflector plates, bullets trap, overhead baffles, utilities, HVAC, ventilation/exhaust system, and sound reflection reduction. Demolish the existing range (851 SM) and range storage facility (32 SM) after construction of new range is complete. Includes antiterrorism/force protection requirements identified in DOD Unified Facilities Criteria. | | | | |
| 11. REQUIREMENT: 2,527 SM ADEQUATE: 0 SM SUBSTANDARD: 883 SM | | | | |
| PROJECT: Indoor Firing Range (Current Mission) | | | | |
| <u>REQUIREMENT:</u> A properly configured 25 meter, full impact, fully contained firing range is required to provide vital training to military personnel that require certification in the use of up to 45 caliber handguns, 12 gauge shotguns, and rifles up to 7.62mm. The range includes 21 firing line positions for rifle, pistol, and shotgun with mobile capabilities to include lateral movement across the firing line and downrange movement to engage targets. A new range is required due to non-compliance with minimum Surface Danger Zone (SDZ) distances and adverse impact of the geography and climate. A fully contained complex eliminates the SDZ and provides essential, complete and uninterrupted military training. | | | | |
| <u>CURRENT SITUATION:</u> The existing range is outdated over 30 years old and initially built as a Civil Engineering Squadron training project, it does not have the required space behind the firing line for the range control booth and other safety features, improperly sized over 1600 SM smaller than required, does not meet current SDZ distance standards even using frangible ammo the SDZ is short by over 3,000 feet, is limited to frangible ammo up to the 5.56mm round and does not allow for the efficient and safe training on today's complete arsenal of weapons, even 9mm pistols cannot fire regular rounds. The use of Frangible ammo is only authorized by ETL 11-18 as a temporary measure and units need to make ranges capable of firing full power ball ammo. Presently, the range does not meet current AFI 32-1084 requirements and falls short of meeting critical requirements in Engineering Technical Letter 11-18: Small Arms Range Design and Construction. The current length of 32M (104 FT) is inadequate and does not allow for the range control booth or any walking space behind the firing line. The geography and climate affect the type, use, and efficiency of the current range. Currently there is an annual average of 125 days of extreme temperatures, 24 inches of snowfall, and 38 inches of rain precipitation which causes the range to be unavailable for up to 25% of the scheduled UTAs and makes scheduling difficult. | | | | |
| <u>IMPACT IF NOT PROVIDED:</u> Training operations will continue to be inefficient and substandard. Continued use of this outdated, undersized, substandard Range facility will result in a failure to meet all vital, mandatory weapons training and will continue to incur safety problems. Lack of complete training will result in a negative impact on the mission as key personnel deploy to forward locations. The unit will continue to send troops to other installations on a regular basis to be qualified on M-249 and M-240B's which fire 7.62 mm ammo and any other weapons that require full power regular rounds, this is costly and inefficient. Security Forces (SF) are required to qualify on the M-249 and M-240B annually or when they deploy, this currently requires an additional 300 man-days per year due to travel to other installations. | | | | |

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|---|--|---|--------------------------------------|-------------------------|
| 1. COMPONENT AIR FORCE RESERVE | FY 2016 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE FEB 2015 |
| 3. INSTALLATION AND LOCATION YOUNGSTOWN AIR RESERVE STATION, OH | | 4. PROJECT TITLE INDOOR FIRING RANGE | | |
| 5. PROGRAM ELEMENT 52576F | 6. CATEGORY CODE 171-475 | 7. PROJECT NUMBER ZQEL109001 | 8. PROJECT COST (\$000) 9,400 | |
| <p>ADDITIONAL: The scope of the project is based on Air Force requirements. This project meets the criteria/scope specified in Air Force Manual 32-1084 and AFRCH 32-1001, "Facility Requirements". The Youngstown Air Reserve range is a prime example of a contained range that does not meet current Engineering Technical Letter (ETL) 11-18: Small Arms Range Design and Construction in regards to innovative training philosophies that calls for an expansion and diversity of training that can be accomplished on the range. All known alternative options were considered during the development of this project. No other option could meet the mission requirement; therefore no economic analysis was needed or performed: Command POC: DSN 497-1108. Fully Contained Small Arms Range Complex: 2,527 SM = 27,200 SF. Funding from other appropriations includes interior communications equipment and range operations support equipment.</p> <p>JOINT USE CERTIFICATION: Mission requirements, operational considerations, and location are compatible with use by other components on an as available basis; however, the scope of the project is based on Air Force requirements.</p> | | | | |

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|--------------------------------------|---|-------------------------|
| 1. COMPONENT AIR FORCE RESERVE | FY 2016 MILITARY CONSTRUCTION PROJECT DAT A | 2. DATE FEB 2015 |
|--------------------------------------|---|-------------------------|

3. INSTALLATION AND LOCATION
YOUNGSTOWN AIR RESERVE STATION, OHIO

| | |
|---|-------------------------------------|
| 4. PROJECT TITLE INDOOR FIRING RANGE | 5. PROJECT NUMBER ZQEL109001 |
|---|-------------------------------------|

12. SUPPLEMENTAL DATA:

A. DESIGN DATA (Estimated)

1. STATUS

a. Date Design Started: Jun 2015

b. Parametric estimates have been used to develop project cost.

c. Percentage Complete as of January 1, 2015 0%

d. Date Design 35% Complete Sep 2015

e. Date Design Complete - (If design-build, construction complete) Mar 2016

2. BASIS

a. Standard or Definitive Design - Yes ___ No X.

b. Where Design Was Most Recently Used N/A.

3. COST (Total) = c = a + b or d + e (\$000)

| | |
|--|-------|
| a. Production of Plans and Specifications (35% design) | () |
| b. All Other Design Costs (Design-build) | () |
| c. Total | (940) |
| d. Contract (A-E) | (846) |
| e. In-house (management) | (94) |

4. CONTRACT AWARD DATE: Aug 2016

5. CONSTRUCTION START: Oct 2016

6. CONSTRUCTION COMPLETE: Oct 2017

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> |
|-------------------------------|--------------------------------|--|---------------------|
| Range Ops Support Equipment | 3740 | FY 2016 | 650 |
| Communications Equipment | 3740 | FY 2016 | 50 |

| 1. COMPONENT AIR FORCE RESERVE | FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION | | | | 2. DATE FEB 2015 | | | | | | | | | | | | | |
|---|--|--------------|-------------------------------|--|----------------------------------|--|--------------------------------|----------------------|--------------|-------------------------------|-------------------------------|----------------------------------|---------|---------------------|----------|-------|----------|----------|
| 3. INSTALLATION AND LOCATION YOUNGSTOWN AIR RESERVE STATION, OHIO | | | | 4. AREA CONSTR COST INDEX 1.01 | | | | | | | | | | | | | | |
| 5. FREQUENCY AND TYPE UTILIZATION Daily use by civilian, technician and AGR force. One unit training assembly per month, 15 days annual field training per year. | | | | | | | | | | | | | | | | | | |
| 6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS None | | | | | | | | | | | | | | | | | | |
| 7. PROJECTS REQUESTED IN THIS PROGRAM <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>CATEGORY</u> <u>CODE</u></th> <th style="text-align: left;"><u>PROJECT TITLE</u></th> <th style="text-align: left;"><u>SCOPE</u></th> <th style="text-align: left;"><u>COST</u> <u>(\$000)</u></th> <th style="text-align: left;"><u>DESIGN</u> <u>START</u></th> <th style="text-align: left;"><u>DESIGN</u> <u>COMPLETE</u></th> </tr> </thead> <tbody> <tr> <td>171-475</td> <td>INDOOR FIRING RANGE</td> <td>2,527 SM</td> <td>9,400</td> <td>Jun 2015</td> <td>Mar 2016</td> </tr> </tbody> </table> | | | | | | | <u>CATEGORY</u> <u>CODE</u> | <u>PROJECT TITLE</u> | <u>SCOPE</u> | <u>COST</u> <u>(\$000)</u> | <u>DESIGN</u> <u>START</u> | <u>DESIGN</u> <u>COMPLETE</u> | 171-475 | INDOOR FIRING RANGE | 2,527 SM | 9,400 | Jun 2015 | Mar 2016 |
| <u>CATEGORY</u> <u>CODE</u> | <u>PROJECT TITLE</u> | <u>SCOPE</u> | <u>COST</u> <u>(\$000)</u> | <u>DESIGN</u> <u>START</u> | <u>DESIGN</u> <u>COMPLETE</u> | | | | | | | | | | | | | |
| 171-475 | INDOOR FIRING RANGE | 2,527 SM | 9,400 | Jun 2015 | Mar 2016 | | | | | | | | | | | | | |
| 8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Approved for unilateral construction, 2 May 2013 | | | | | | | | | | | | | | | | | | |
| 9. LAND ACQUISITION REQUIRED | | | | <i>(Number of Acres)</i> | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | | | |
| 10. PROJECTS PLANNED IN NEXT FOUR YEARS <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>CATEGORY</u> <u>CODE</u></th> <th style="text-align: left;"><u>PROJECT TITLE</u></th> <th style="text-align: left;"><u>SCOPE</u></th> <th style="text-align: left;"><u>COST</u> <u>(\$000)</u></th> <th style="text-align: left;"><u>YEAR</u></th> </tr> </thead> <tbody> <tr> <td></td> <td>None</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> | | | | | | | <u>CATEGORY</u> <u>CODE</u> | <u>PROJECT TITLE</u> | <u>SCOPE</u> | <u>COST</u> <u>(\$000)</u> | <u>YEAR</u> | | None | | | | | |
| <u>CATEGORY</u> <u>CODE</u> | <u>PROJECT TITLE</u> | <u>SCOPE</u> | <u>COST</u> <u>(\$000)</u> | <u>YEAR</u> | | | | | | | | | | | | | | |
| | None | | | | | | | | | | | | | | | | | |
| RPM BACKLOG AT THIS INSTALLATION (\$000): 19,183 | | | | | | | | | | | | | | | | | | |

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| 1. COMPONENT AIR FORCE RESERVE | FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION | 2. DATE FEB 2015 |
|--------------------------------------|--|-------------------------|

3. INSTALLATION AND LOCATION

YOUNGSTOWN AIR RESERVE STATION, OHIO

11. PERSONNEL STRENGTH AS OF JAN 2015

| | PERMANENT (ARTs, AGRs, Non-ART Civilians) | | | | GUARD/RESERVE | | ENLISTED |
|------------|---|---------|----------|----------|---------------|---------|----------|
| | TOTAL | OFFICER | ENLISTED | CIVILIAN | TOTAL | OFFICER | |
| AUTHORIZED | 418 | 32 | 209 | 177 | 886 | 136 | 750 |
| ACTUAL | 409 | 35 | 209 | 165 | 994 | 145 | 849 |

12. RESERVE UNIT DATA

| UNIT DESIGNATION | STRENGTH | |
|-----------------------------------|------------|--------|
| | AUTHORIZED | ACTUAL |
| 757 Airlift Squadron | 126 | 156 |
| 910 Aircraft Maintenance Squadron | 131 | 127 |
| 910 Airlift Wing | 82 | 77 |
| 910 Civil Engineer Squadron | 182 | 186 |
| 910 Communications Squadron | 47 | 64 |
| 910 Contracting Flight | 11 | 9 |
| 910 Force Support Squadron | 76 | 94 |
| 910 Logistics Readiness Squadron | 92 | 115 |
| 910 Maintenance Group | 53 | 46 |
| 910 Maintenance Squadron | 151 | 160 |
| 910 Medical Squadron | 144 | 125 |
| 910 Mission Support Group | 6 | 9 |
| 910 Operations Group | 11 | 13 |
| 910 Operations Support Squadron | 45 | 58 |
| 910 Security Forces Squadron | 147 | 164 |
| 757 Airlift Squadron | 126 | 156 |
| Total | 1,304 | 1,403 |

13. MAJOR EQUIPMENT AND AIRCRAFT

| TYPE | AUTHORIZED | ASSIGNED |
|--------|------------|----------|
| C-130H | 8 | 9 |

| | | | | | | | | |
|---|--|---|--|---|---|-----------------|------------------|---------------------|
| 1. COMPONENT AIR FORCE RESERVE | | FY 2016 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE FEB 2015 | | | |
| 3. INSTALLATION AND LOCATION JOINT BASE SAN ANTONIO KELLY FIELD ANNEX SITE #1, TEXAS | | | | 4. PROJECT TITLE CONSOLIDATE 433 MEDICAL FACILITY | | | | |
| 5. PROGRAM ELEMENT 52576 | | 6. CATEGORY CODE 171-450 | 7. PROJECT NUMBER KELL093004 | | 8. PROJECT COST (\$000) 9,900 | | | |
| 9. COST ESTIMATES | | | | | | | | |
| ITEM | | | | | U/M | QUANTITY | UNIT COST | COST (\$000) |
| PRIMARY FACILITIES | | | | | | | | 7,455 |
| MEDICAL TRAINING ANNEX | | | | | SM | 3,395 | 2,117 | (7,187) |
| DEMOLITION | | | | | SM | 386 | 324 | (125) |
| SDD & EPACT 05 | | | | | LS | | | (143) |
| SUPPORTING FACILITIES | | | | | | | | 1,510 |
| UTILITIES | | | | | LS | | | (208) |
| PAVEMENTS | | | | | LS | | | (110) |
| SITE IMPROVEMENTS | | | | | LS | | | (312) |
| COMMUNICATIONS | | | | | LS | | | (76) |
| ELEVATORS | | | | | LS | | | (439) |
| SPECIAL FOUNDATIONS | | | | | LS | | | (365) |
| SUBTOTAL | | | | | | | | 8,965 |
| CONTINGENCY (5.0%) | | | | | | | | 448 |
| TOTAL CONTRACT COST | | | | | | | | 9,413 |
| SUPERVISION, INSPECTION AND OVERHEAD (5.7%) | | | | | | | | 536 |
| TOTAL REQUEST | | | | | | | | 9,949 |
| TOTAL REQUEST (ROUNDED) | | | | | | | | 9,900 |
| EQUIPMENT FROM OTHER APPROPRIATIONS | | | | | | | | 2,301 |
| <p>10. DESCRIPTION OF PROPOSED WORK: Demolish buildings 3560, 3662, 3664. Construct medical training facility for administrative support of AFRC medical group and squadron elements. Includes reinforced concrete footings, foundation and floor slab, structural steel framing, fascias, and trim. Will be constructed in accordance with installation architectural standards to match existing facility. All supporting utilities, pavements and landscaping are included. All interior and exterior communications infrastructure is included. This completed project shall be able to receive a United States Green Building Council (USGBC) Leadership in Energy and Environmental Design (LEED) rating of Silver. This facility shall be designed and constructed in accordance with current AT/FP standards. Air Conditioning: 104 Tons</p> | | | | | | | | |
| <p>11. REQUIREMENT: 3,395 SM ADEQUATE: 0 SM SUBSTANDARD: 4,070 SM PROJECT: Construct Medical Training Annex (Current Mission). REQUIREMENT: Adequately sized and functionally configured facility to accommodate administrative, management, and training requirements for Reserve Medical Group and all associated squadron elements. Facility to be constructed adjacent to existing Active Duty medical clinic to facilitate Reserve training activity and shared use of clinical space for skills training. Scope includes only sole-use space for Reserve group and squadron staff. Includes office and high-bay mobility equipment storage spaces. Project has been validated by AFRC FOCUS assessments conducted June 2008 and July 2014. CURRENT SITUATION: Medical squadrons are currently located in substandard and dispersed facilities spread across JBSA Lackland and an off-base, municipally-owned facility. AFRC facilities are not proximal to Active Duty facilities, thus impeding joint use of common mission space. Medical group administrative and training functions are located in 40 year old, run-down, temporary "trailer" space adjacent to maintenance shops. Temporary facilities were not designed for permanent environmental control installation, do not have adequate fire suppression and do not meet current life safety codes. Administrative and training space has been condemned twice and remains condemned despite costly mitigation efforts. Reserve medical training and equipment storage spaces are located in a former World War II maintenance hangar area and are in deplorable condition, heavily covered with non-removable bird and rodent feces, which poses a significant public health hazard that is not conducive to professional or sanitary operations. Covers to protect the equipment (valued at \$296,000) from this health hazard are not permitted due to inadequate fire suppression penetration. Medical squadrons are also located in AT/FP non-compliant, off-base leased space due to lack of adequate area within the AFRC campus. The AT/FP non-compliant facility borders an active flight line but is not fenced off from the municipally-owned, public access roadways. Interior thoroughfare permits unrestricted civilian personnel movement from the public access road, throughout the facility and onto the active flight line. Substandard hangar continues to endure flooding, resulting in repeated, costly mitigation and restoration efforts. The previous five year cumulative Sustainment, Restoration and Modernization (SRM) is calculated to be \$650,000.</p> | | | | | | | | |

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| 1. COMPONENT AIR FORCE RESERVE | FY 2016 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE FEB 2015 |
| 3. INSTALLATION AND LOCATION JOINT BASE SAN ANTONIO KELLY FIELD ANNEX SITE #1, TEXAS | | 4. PROJECT TITLE CONSOLIDATE 433 MEDICAL FACILITY | | |
| 5. PROGRAM ELEMENT 52576 | 6. CATEGORY CODE 171-450 | 7. PROJECT NUMBER KELL093004 | 8. PROJECT COST (\$000) 9,900 | |
| <p><u>CURRENT SITUATION (Cont.):</u> The medical units' relocation from this substandard, World War II era hangar will immediately reduce forecasted SRM costs. Consolidation of units into a single facility will eliminate \$1.3 million in maintenance and repair to the existing facility. Utility cost associated with housing the units separately is \$205,000 per year. Medical and training equipment valued at \$591,000 is stored in these hazardous training spaces and is not reasonably accessible amongst the dispersed medical units' locations, which results in costly, duplicate, independent sourcing and replenishment transactions. Displaced personnel expend a total of 4,300 hours per year transiting the 17 miles between the dispersed facilities to perform duties and joint medical training, resulting in lost productivity and inefficient operations. \$58,000 per year in per diem differential pay is required to support off-base personnel performing local duty. Proposed facility consolidation, followed by existing facilities future demolition and divestment, will reduce the medical unit's facility foot print by 40 percent and is expected to reduce utility costs proportionately. Consolidation will position complimentary medical functions in close proximity to each other, advance collaboration, reduce multi-organizational training platform duplication and significantly reduce independent equipment and supply sourcing activities. Future programmed Active Duty clinical space lacks adequate training space and classrooms for total force training missions. Active Duty medical units may be able to use this proposed facility to conduct training during the week. Surveyed existing facilities on and near the medical campus do not meet the requirement and are scheduled for demolition. Moving all Reserve medical group personnel to the medical campus will also provide a unique opportunity to move the remaining 355 personnel Aerial Port Squadrons from their AT/FP non-compliant off-base facility into an on-base AT/FP compliant facility thereby moving all 433 AW personnel onto JBSA Lackland AT/FP compliant facilities suitable for military training and operations. Repositioning Reserve medical units from their current facilities to the Active Duty medical campus will liberate limited flight line accessible facilities and ramp space for better suited civilian aviation missions and release lease back facility for commercial interests or interagency emergency management support.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Suitable space will not be available in which to perform necessary mission training and management of Reserve medical squadrons. Wing will continue to experience increasingly high operations, maintenance, utility, and repair costs associated with existing decrepit facilities. Opportunities for joint training with Active Duty will be missed, thus increasing operational costs for both AFRC and Active Duty elements. Off-base units will continue to face comparatively greater personnel and operational security risks while operating in an AT/FP non-compliant facility. Personnel will also continue to be exposed to hazardous health conditions and will remain in areas not meeting life safety codes. Unless the medical units move to the Active Duty medical campus, the Aerial Port Squadrons will remain in their AT/FP non-compliant, off-base facility and will continue to face the same security risks. Aerial Port units will remain at an unreasonable distance from the military flight line ramp located equipment to perform their aerial port mission efficiently and similarly will remain at a distance from the on-base parent Mission Support Group to coordinate efficient and effective command and control.</p> <p><u>ADDITIONAL:</u> POC: DSN 497-1108. New Work: 3,395 SM = 36,540 SF. This project is a candidate for comprehensive interior design. Equipment from other appropriations = \$1,570K for furnishings, \$731K for communications. <u>JOINT USE CERTIFICATION:</u> This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.</p> | | | | |

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| 1. COMPONENT AIR FORCE RESERVE | FY 2016 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE FEB 2015 | |
| 3. INSTALLATION AND LOCATION JOINT BASE SAN ANTONIO, KELLY FIELD ANNEX SITE #1, TEXAS | | | |
| 4. PROJECT TITLE CONSOLIDATE 433 MEDICAL FACILITY | | 5. PROJECT NUMBER KELL093004 | |
| 12. SUPPLEMENTAL DATA: | | | |
| A. DESIGN DATA (Estimated) | | | |
| 1. STATUS | | | |
| a. Date Design Started: | | Jun 2015 | |
| b. Parametric estimates have been used to develop project cost. | | | |
| c. Percentage Complete as of January 1, 2015 | | 0% | |
| d. Date Design 35% Complete | | Sep 2015 | |
| e. Date Design Complete - (If design-build, construction complete) | | Mar 2016 | |
| 2. BASIS | | | |
| a. Standard or Definitive Design - Yes ___ No <u>X</u> . | | | |
| b. Where Design Was Most Recently Used <u>N/A</u> . | | | |
| 3. COST (Total) = c = a + b or d + e (\$000) | | | |
| a. Production of Plans and Specifications (35% design) | | () | |
| b. All Other Design Costs (Design-build) | | () | |
| c. Total | | (990) | |
| d. Contract (A-E) | | (891) | |
| e. In-house (management) | | (99) | |
| 4. CONTRACT AWARD DATE: | | Feb 2016 | |
| 5. CONSTRUCTION START: | | Mar 2016 | |
| 6. CONSTRUCTION COMPLETE: | | Oct 2017 | |
| 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>(\$000)</u> |
| Systems Furniture | 3740 | FY 2017 | 1,570 |
| Communications Equipment | 3740 | FY 2016 | 731 |

| 1. COMPONENT AIR FORCE RESERVE | FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION | | | | 2. DATE FEB 2015 | | | | | | | | | | | | |
|--|--|--------------|-------------------------|--|----------------------------|--------------------------|----------------------|--------------|-------------------------|-------------------------|----------------------------|---------|-------------------------------------|----------|-------|----------|----------|
| 3. INSTALLATION AND LOCATION JOINT BASE SAN ANTONIO, KELLY FIELD ANNEX SITE #1, TEXAS | | | | 4. AREA CONSTR COST INDEX 0.87 | | | | | | | | | | | | | |
| 5. FREQUENCY AND TYPE UTILIZATION Daily use by civilian, technician and AGR force. One unit training assembly per month, 15 days annual field training per year. | | | | | | | | | | | | | | | | | |
| 6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS None | | | | | | | | | | | | | | | | | |
| 7. PROJECTS REQUESTED IN THIS PROGRAM <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>CATEGORY CODE</u></th> <th style="text-align: left;"><u>PROJECT TITLE</u></th> <th style="text-align: left;"><u>SCOPE</u></th> <th style="text-align: left;"><u>COST (\$000)</u></th> <th style="text-align: left;"><u>DESIGN START</u></th> <th style="text-align: left;"><u>DESIGN COMPLETE</u></th> </tr> </thead> <tbody> <tr> <td>171-450</td> <td>CONSOLIDATE 433 MEDICAL FACILITY</td> <td>3,395 SM</td> <td>9,900</td> <td>Jun 2015</td> <td>Mar 2016</td> </tr> </tbody> </table> | | | | | | <u>CATEGORY CODE</u> | <u>PROJECT TITLE</u> | <u>SCOPE</u> | <u>COST (\$000)</u> | <u>DESIGN START</u> | <u>DESIGN COMPLETE</u> | 171-450 | CONSOLIDATE 433 MEDICAL FACILITY | 3,395 SM | 9,900 | Jun 2015 | Mar 2016 |
| <u>CATEGORY CODE</u> | <u>PROJECT TITLE</u> | <u>SCOPE</u> | <u>COST (\$000)</u> | <u>DESIGN START</u> | <u>DESIGN COMPLETE</u> | | | | | | | | | | | | |
| 171-450 | CONSOLIDATE 433 MEDICAL FACILITY | 3,395 SM | 9,900 | Jun 2015 | Mar 2016 | | | | | | | | | | | | |
| 8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Approved for unilateral construction, 22 Apr 2014 | | | | | | | | | | | | | | | | | |
| 9. LAND ACQUISITION REQUIRED NONE <i>(Number of Acres)</i> | | | | | | | | | | | | | | | | | |
| 10. PROJECTS PLANNED IN NEXT FOUR YEARS <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>CATEGORY CODE</u></th> <th style="text-align: left;"><u>PROJECT TITLE</u></th> <th style="text-align: left;"><u>SCOPE</u></th> <th style="text-align: left;"><u>COST (\$000)</u></th> <th style="text-align: left;"><u>YEAR</u></th> </tr> </thead> <tbody> <tr> <td></td> <td>None</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> | | | | | | <u>CATEGORY CODE</u> | <u>PROJECT TITLE</u> | <u>SCOPE</u> | <u>COST (\$000)</u> | <u>YEAR</u> | | None | | | | | |
| <u>CATEGORY CODE</u> | <u>PROJECT TITLE</u> | <u>SCOPE</u> | <u>COST (\$000)</u> | <u>YEAR</u> | | | | | | | | | | | | | |
| | None | | | | | | | | | | | | | | | | |
| RPM BACKLOG AT THIS INSTALLATION (\$000): 33,036 | | | | | | | | | | | | | | | | | |

| | | |
|--------------------------------------|--|-------------------------|
| 1. COMPONENT AIR FORCE RESERVE | FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION | 2. DATE FEB 2015 |
|--------------------------------------|--|-------------------------|

3. INSTALLATION AND LOCATION

JOINT BASE SAN ANTONIO, KELLY FIELD ANNEX SITE #1, TEXAS

11. PERSONNEL STRENGTH AS OF JAN 2015

| | PERMANENT (ARTs, AGRs, Non-ART Civilians) | | | | GUARD/RESERVE | | |
|------------|---|----------------|-----------------|-----------------|---------------|----------------|-----------------|
| | <u>TOTAL</u> | <u>OFFICER</u> | <u>ENLISTED</u> | <u>CIVILIAN</u> | <u>TOTAL</u> | <u>OFFICER</u> | <u>ENLISTED</u> |
| AUTHORIZED | 540 | 54 | 434 | 52 | 1,273 | 241 | 1,032 |
| ACTUAL | 487 | 55 | 387 | 45 | 1,695 | 258 | 1,437 |

12. RESERVE UNIT DATA

| <u>UNIT DESIGNATION</u> | <u>STRENGTH</u> | |
|-------------------------------------|-------------------|---------------|
| | <u>AUTHORIZED</u> | <u>ACTUAL</u> |
| 356 Airlift Squadron | 80 | 69 |
| 433 Aeromedical Evacuation Squadron | 193 | 187 |
| 433 Aeromedical Staging Squadron | 86 | 87 |
| 433 Aerospace Medicine Squadron 433 | 106 | 150 |
| Aircraft Maintenance Squadron | 166 | 231 |
| 433 Airlift Control Flight | 18 | 26 |
| 433 Airlift Wing | 75 | 78 |
| 433 Civil Engineer Squadron | 145 | 182 |
| 433 Force Support Squadron | 97 | 138 |
| 433 Logistics Readiness Squadron | 94 | 129 |
| 433 Maintenance Group | 81 | 83 |
| 433 Maintenance Squadron | 172 | 261 |
| 433 Medical Group | 4 | 3 |
| 433 Medical Squadron | 105 | 131 |
| 433 Mission Support Group | 5 | 10 |
| 433 Operations Group | 11 | 12 |
| 433 Operations Support Squadron | 50 | 60 |
| 433 Security Forces Squadron | 54 | 80 |
| 433 Training Squadron | 78 | 47 |
| 68 Airlift Squadron | 115 | 141 |
| 733 Training Squadron | 42 | 47 |
| 960 Cyber Operations Group | 36 | 30 |
| Total | 1,813 | 2,182 |

13. MAJOR EQUIPMENT AND AIRCRAFT

| <u>TYPE</u> | <u>AUTHORIZED</u> | <u>ASSIGNED</u> |
|-------------|-------------------|-----------------|
| C-5A | 6 | 8 |

**DEPARTMENT OF THE AIR FORCE
AIR FORCE RESERVE
MILITARY CONSTRUCTION PROGRAM JUSTIFICATION OF
ESTIMATES FOR FISCAL YEAR 2016**

APPROPRIATION: MILITARY CONSTRUCTION, AIR FORCE RESERVE

PROGRAM 341.020 UNSPECIFIED MINOR CONSTRUCTION \$6,121,000

PART I - PURPOSE AND SCOPE

The funds requested for unspecified minor construction will finance new construction projects having cost estimates less than \$3,000,000.

PART II - JUSTIFICATION OF FUNDS REQUESTED

The funds requested for unspecified minor construction will finance unforeseen projects generated during the year and are necessary to support mission requirements.

| | | | | | | | |
|--|--|---|---|---|---|------------------|---------------------|
| 1. COMPONENT AIR FORCE RESERVE | | FY 2016 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE FEB 2015 | | |
| 3. INSTALLATION AND LOCATION WORLDWIDE UNSPECIFIED | | | | 4. PROJECT TITLE UNSPECIFIED MINOR CONSTRUCTION | | | |
| 5. PROGRAM ELEMENT 52576F | | 6. CATEGORY CODE 962-000 | 7. PROJECT NUMBER PAYZ 160341 | | 8. PROJECT COST (\$000) 6,121 | | |
| 9. COST ESTIMATES | | | | | | | |
| ITEM | | | | U/M | QUANTITY | UNIT COST | COST (\$000) |
| UNSPECIFIED MINOR CONSTRUCTION | | | | LS | - | - | 6,121 |
| SUBTOTAL | | | | | | | 6,121 |
| TOTAL CONTRACT COST | | | | | | | 6,121 |
| TOTAL REQUEST | | | | | | | 6,121 |
| 10. Description of Proposed Construction: | | | | | | | |
| 11. REQUIREMENT: As required. | | | | | | | |
| <u>PROJECT:</u> Unspecified Minor Construction | | | | | | | |
| <u>REQUIREMENT:</u> This appropriation provides a lump sum amount for unspecified minor construction projects, not otherwise authorized by law, having a funded cost up to \$3,000,000. Work includes construction, alteration or conversion of temporary facilities in accordance with Title 10, USC 18233 and 18233a. These projects are not now identified but are expected to arise in FY16. | | | | | | | |
| <u>IMPACT IF NOT PROVIDED:</u> No means to accomplish exigent projects costing more than \$1,000,000 and up to \$3,000,000 will exist, severely degrading the ability of the Air Force Reserve to efficiently and effectively address unforeseen facility modifications, alteration and conversion requirements. | | | | | | | |

SECTION 4
PLANNING AND DESIGN

| | | | | | |
|--|--|--------------------------------------|---|-------------------------|---------------------|
| 1. COMPONENT AIR FORCE RESERVE | FY 2016 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE FEB 2015 | |
| 3. INSTALLATION AND LOCATION WORLDWIDE UNSPECIFIED | | | 4. PROJECT TITLE PLANNING AND DESIGN | | |
| 5. PROGRAM ELEMENT 52576F | 6. CATEGORY CODE 961-000 | 7. PROJECT NUMBER PAYZ 160313 | 8. PROJECT COST (\$000) 13,400 | | |
| 9. COST ESTIMATES | | | | | |
| ITEM | | U/M | QUANTITY | UNIT COST | COST (\$000) |
| PLANNING AND DESIGN | | LS | - | - | 13,400 |
| SUBTOTAL | | | | | 13,400 |
| TOTAL CONTRACT COST | | | | | 13,400 |
| TOTAL REQUEST | | | | | 13,400 |
| 10. Description of Proposed Construction: | | | | | |
| 11. REQUIREMENT: As required. | | | | | |
| <u>PROJECT:</u> Planning and Design. | | | | | |
| <u>REQUIREMENT:</u> Funds for architectural and engineering services and construction provide for the completed design of facilities and evaluation of designs in terms of technical adequacy and estimated costs. In addition, these funds are required to prepare site surveys, develop master plans, working drawings, specifications, project planning reports, and designs required for those construction projects included in the Air Force Reserve (AFR) Military Construction (MILCON) Program. The advanced age and continued deterioration of the AFR physical plant and infrastructure have generated numerous facility requirements, requiring these architectural and engineering services for design. In addition, there are numerous new mission bed-down projects that received no previous planning and design funds. It is essential the AFR be funded at the requested level to ensure operational readiness is not hampered or degraded due to inadequate facilities. | | | | | |
| <u>IMPACT IF NOT PROVIDED:</u> Continued design on this fiscal year program, as well as future year MILCON programs will be impossible. | | | | | |

SECTION 5
FUTURE YEARS DEFENSE PROGRAM

**DEPARTMENT OF THE AIR FORCE
AIR FORCE RESERVE
MILITARY CONSTRUCTION PROGRAM
FUTURE YEARS MILITARY CONSTRUCTION PROGRAM (\$000)**

| FY | State | Base | Project | Type | Footprint | PA |
|-----------|--------------|--------------------|---------------------------------------|---------------------|------------------|-----------|
| 17 | N/A | Unspecified | KC-46A MOB #3 Facility Projects | New Mission | New | 147,625 |
| | | | | Total Projects | | 147,625 |
| | | | | Planning and Design | | 4,500 |
| | | | | Unspecified MC | | 1,829 |
| | | | | Total FY17 Program | | 153,954 |
| 18 | N/A | Unspecified | KC-46A MOB #3 Facility Projects | New Mission | New | 48,100 |
| | | | | Total Projects | | 48,100 |
| | | | | Planning and Design | | 2,600 |
| | | | | Unspecified MC | | 1,479 |
| | | | | Total FY18 Program | | 52,179 |
| 19 | N/A | Unspecified | KC-46A MOB #3 Facility Projects | New Mission | New | 23,100 |
| 19 | GU | Andersen AFB | Reserve Medical Training Facility | Current Mission | New | 4,600 |
| | | | | Total Projects | | 27,700 |
| | | | | Planning and Design | | 2,500 |
| | | | | Unspecified MC | | 3,228 |
| | | | | Total FY19 Program | | 33,428 |
| 20 | N/A | Unspecified | KC-46A MOB #3 Facility Projects | New Mission | New | 9,500 |
| 20 | TX | NAS Fort Worth JRB | Munitions Training Facility | Current Mission | New | 2,200 |
| 20 | GA | Dobbins ARB | Fire Station/Security Complex | Current Mission | New | 10,400 |
| 20 | MS | Keesler AFB | Aeromedical Staging Squadron Facility | Current Mission | New | 3,500 |
| | | | | Total Projects | | 25,600 |
| | | | | Planning and Design | | 2,702 |
| | | | | Unspecified MC | | 3,000 |
| | | | | Total FY20 Program | | 31,302 |