

## Department of the Air Force

# Military Construction and Family Housing Program

## Fiscal Year (FY) 2003 Budget Submission

Justification Data Submitted to Congress February 2002

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| February 2002                      |     |

# POST ACQUISITION CONSTRUCTION

#### FY 2003 POST ACQUISITION CONSTRUCTION

Program (In Thousands) FY 2003 Program \$ 226,068 FY 2002 Program \$ 365,791\* Proposed Transfer to the FHIF <u>\$5,324</u>\* Total Before Proposed FHIF Transfer \$371,115\*

#### Purpose and Scope

The Air Force has approximately 103,000 family housing units (includes 22,000 privatized units) for FY 2003. The average age of housing units in the Air Force inventory is over 38 years. Based on recent analysis incorporated into the Air Force Family Housing Master Plan (AF FHMP), in the beginning of FY 2003 approximately 46,000 of these units now require improvement or renovation to meet contemporary living standards during the next decade. Under existing agreements, it is expected the host nations will revitalize 3,000 units leaving 43,000 units for the Air Force to revitalize. Many of these units require major expenditures to repair or replace deteriorated mechanical, electrical, or structural components, and to provide some of the basic modern amenities found in comparable community housing. The Post Acquisition Construction Program provides this needed revitalization. Each project also includes a significant amount of concurrent maintenance and repair to maximize the project cost effectiveness (average per project is 60%).

The Air Force is the acknowledged DoD leader in developing the "whole house" revitalization concept. Whole house is the combination of needed maintenance and repair together with improvements to bring the unit to contemporary standards. In addition, we are looking beyond the house to the entire housing area in our requirements plan. Our "whole neighborhood" concept is being refined and includes the development of supporting housing infrastructure requirements, neighborhood vehicular and pedestrian circulation concepts to consider siting, density, landscaping, parking, playgrounds, recreation areas and utilities, in addition to the housing unit itself.

\*Reporting requirement of 1990 Federal Credit Reform Act and OMB regulations. Including the \$5,324,000 proposed transfer to the FHIF, FY02 construction funds total \$544,496,000.

Since Congress has extended the authorities for privatizing military family housing, five projects are identified as privatization candidates in this submission (Maxwell AFB, AL; Hanscom AFB, MA; Cannon AFB, NM; Shaw AFB, SC; and F.E. Warren AFB, WY). With the exception of Cannon AFB, the AF does not anticipate that funds will be required for privatization projects at the other four bases. If privatization proves not to be financially feasible or not in the best interest of the Air Force, the Air Force will instead execute an improvement project at such an installation as follows:

| BASE                | PRIVATIZATION          | MILCON               |
|---------------------|------------------------|----------------------|
| Maxwell AFB, AL     | (\$0.0M/6 14 units)    | (\$0/0 units)        |
| Hanscom AFB, MA     | (\$0.0M/687 units)     | (\$0/0 units)        |
| Cannon AFB, NM      | (\$7.754M/1,294 units) | (\$7.754M/100 units) |
| Shaw AFB, SC        | (\$0.0M/1,704 units)   | (\$0/0 units)        |
| F.E. Warren AFB, WY | (\$0.0M/265 units)     | (\$0/0 units)        |

Consistent with Authorization and Appropriation Committees' language in FY 1990, the Air Force is seeking to maintain funding in this account to continue revitalizing our aging homes. Consistent with Appropriation Committees' language in FY 1985, the Air Force has gathered data on the post acquisition construction projects to detail past projects on these units and any future work being programmed within a three year period. This information is provided as a part of this submittal.

#### Program Summary

Authorization is requested for:

(1) Various improvements to existing public quarters, as described on DD Form 1391.

(2) Appropriation of \$226,068,000 to fund projects in FY 2003.

NOTE: Projects within the program are within the statutory limitation of \$50,000 per unit adjusted by area cost factor, except as identified by separate DD Form 1391.

|   | NSTRU          | CTION PROJE      | CT DATA    |  |
|---|----------------|------------------|------------|--|
| 3. INSTALLATION AND LOCATION  |                | 4. PROJECT TITLE |            |  |
|   |                | FAMILY HOUSI     | NG POST AC | QUISITION  |
| VARIOUS AIR FORCE BASES         5. PROGRAM ELEMENT       6. CATEGORY CODE   | 7 000          | CONSTRUCTION     |            | COCT (*000)  |
| 5. PROGRAM ELEMENT 6. CATEGORT CODE   | 7. PRO         | JECT NUMBER      | 8. PROJECT | COST (\$000)   |
| 88742 711-000   |                |                  | 220        | 6,068  |
| 9. COST   | ESTIMAT        | E                |            | COST   |
| ITEM  | U/M            | QUANTITY         | UNIT COST  | (\$000)  |
| POST ACQUISITION CONSTRUCTION<br>PROJECTS TO IMPROVE HOUSING UNITS<br>PROJECTS TO PRIVATIZE HOUSING UNITS<br>PROJECTS TO IMPROVE INFRASTRUCTURE<br>SUBTOTAL<br>TOTAL CONTRACT COST<br>TOTAL REQUEST   | UN<br>UN<br>LS | 1,726<br>4,564   | 120,614    | 226,068<br>(208,180)<br>(7,754)<br>(10,134)<br>226,068<br>226,068<br>226,068 |
| <ul> <li>10. DESCRIPTION OF PROPOSED CONSTRUCTION: Includes all work necessary to revitalize military family housing by providing: air conditioning, where authorized; modem functional layouts; soundproofing; and utility and site improvements. Energy conservation actions include new and additional insulation, storm windows, solar screens, and efficient heating and cooling systems.</li> <li>11. PROJECT: This request is for an authorization and appropriation of \$226.068 million to accomplish improvement and privatization in family housing.</li> <li>REOUREMENT: To revitalize and improve the livability of older, obsolete family housing units, to conserve energy in these older housing units, and to bring utility systems up to current safety standards. Whole-house improvements include but are not limited to: kitchen upgrades, bathroom additions/upgrades, repair/replacement of roofs, upgrade of mechanical and electrical systems, replacement of windows, doors, floors, and exterior improvements (patios, fences, storages, etc.)</li> <li>CURRENT SITUATION: The majority of these family housing units were constructed since the late 1940's or 1950's using various design and construction criteria, with different types of material, equipment, and appliances. Many utility and structural systems were constructed during years of plentiful, inexpensive energy resources. Insulation, storm windows and doors, etc., not previously cost effective, are now sound investment. This program will extend the useful life of many of our older, less modem units by enhancing livability, functionality, reducing operation costs and improving safety standards.</li> <li>ADDITIONAL: These projects meet the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide." Energy evaluation/life-cycle cost analysis was performed in support of these projects. The Air Force will improve existing family housing units to the size and floor pattern similar to the local standards and up to the following si</li></ul> |                |                  |            |  |

DD FORM 1391, DEC 76

\_\_\_\_\_

| 1. COMPONENT<br>AIR FORCE                              |  | 2. DATE                             |
|--|--|-------------------------------------|
| AIR FORCE  | FY 2003 MILITARY CONSTRUCTION PRO  | DJECI DATA                          |
| 3. INSTALLATION AND LO<br>VARIOUS AIR FORCE            |  |                                     |
| 4. PROJECT TITLE<br>POST ACQUISITION (                 | CONSTRUCTION   | 5. PROJECT NUMBER                   |
| <b>10.</b> Description of work                         |  |                                     |
|  | ion and Project  | Current Working<br>Estimate (\$000) |
| UNITEDSTATES   |  |                                     |
| Without privatiza anticipated levera                   | Y HOUSING<br>for privatization on approximately 150 acres of leased lat<br>tion, the MILCON cost for the work is <b>\$28.5M</b> for an<br>ge of -5.0: 1. Privatized units will provide general interior<br>vation and renovation. Includes utility upgrade and addition          | and                                 |
| to meet current st<br>(Separate DD Fo<br>- WORK ACCOMF | , 10   | ns                                  |
| drainage section<br>pavement, comp<br>- WORK ACCOM     | Y SYSTEM<br>m drainage system. It includes demolishing existing storm<br>and construct new section, catchbasins, concrete and asph<br>acted subgrade, sidewalk, curb and gutter, and landscapin<br>MPLISHED IN PREVIOUS THREE YEARS: None<br>MPLISHED FOR NEXT THREE YEARS: None | nalt                                |
| water, and sewer lin<br>- WORK ACCOMP                  | derground utility system including steam, condensate return,   | 2,352                               |
| and sewer lines. C<br>- WORK ACCOMPI                   | SYSTEM<br>Inderground utility system including steam condensate return,<br>Construct concrete sidewalk and park with playgrounds.<br>LISHED IN PREVIOUS THREE YEARS: None<br>LISHED FOR NEXT THREE YEARS: None   | 1,675                               |

1. COMPONENT AIR FORCE

#### A MULTARY CONSTRUCTION DRO LEGT DATA

2. DATE

| AIR FORCE                         | FY 2003 MILITARY CONSTRU   | JCTION PROJECT DATA  |
|-----------------------------------|--|----------------------|
| INSTALLATION AND LO               |  |                      |
| PROJECT TITLE                     | ASES   | 5. PROJECT NUMBER    |
| OST ACQUISITION C                 | NSTRUCTION   |                      |
| 0. Description of work            | be accomplished  |                      |
|                                   |  | Current Working      |
| Locati                            | and Project  | Estimate (\$000)     |
| LASKA                             |  |                      |
| LMENDORF AFB                      |  | 26,927               |
| IMPROVE FAMILY<br>FXSB034403      | JUSING   |                      |
|                                   | y housing units, with all necessary amen   | ities and supporting |
|                                   | cludes interior and exterior modernizat  |                      |
|                                   | et current standards. Upgrades kitchens  |                      |
|                                   | s increased energy efficiency, garages, j  |                      |
|                                   | stos and lead paint removal.   |                      |
| (Separate DD Fo                   |  |                      |
|                                   | SHED IN PREVIOUS THREE YEARS: R  |                      |
| - WUKK ACCOMP                     | SHED FOR NEXT THREE YEARS: None  |                      |
| RIZONA                            |  |                      |
| DAVIS-MONTHAN                     | FB   | 81                   |
| IMPROVE UTILITY                   | YSTEM  |                      |
| FBNV030017                        |  |                      |
|                                   | reducing station for Wherry housing wa   |                      |
|                                   | Project will consist of a 17SM building  |                      |
|                                   | ng valves, water meter, and associated p<br>This project will be designed and acco |                      |
| by contract.                      | This project will be designed and acco   | niprisited           |
|                                   | ISHED IN PREVIOUS THREE YEARS:   | None                 |
|                                   | ISHED FOR NEXT THREE YEARS: Not  |                      |
| DAVIS-MONTHAN                     | FB   | 482                  |
| IMPROVE NEIGHB                    |  |                      |
| FBNV990112                        |  |                      |
|                                   | rpose playing court for roller blading an  |                      |
|                                   | om, landscaping, irrigation, drinking for  |                      |
|                                   | This project will be designed and acco   | mplished             |
| by contract.                      | ISHED IN PREVIOUS THREE YEARS:   | None                 |
|                                   | ISHED FOR NEXT THREE YEARS: Not  |                      |
| DAVIS-MONTHAN                     | FR   | 398                  |
| IMPROVE NEIGHB                    |  | 570                  |
| FBNV000036                        |  |                      |
|                                   | anting trees, shrubs, and vegetation; pla  | cing granite         |
|                                   | of drip irrigation system; and site work.  |                      |
| and rock, installi                |  |                      |
| project will be d                 | gned and accomplished by contract.   |                      |
| project will be d<br>- WORK ACCOM | ISHED IN PREVIOUS THREE YEARS:   |                      |
| project will be d<br>- WORK ACCOM |  |                      |

PAGE NO

| 1. COMPONENT<br>AIR FORCE                   | EV 2022 MILITARY CONSTRUCTION PRO   |                  | 2. DATE |
|---|---|------------------|---------|
| This Force                                  | FY 2003 MILITARY CONSTRUCTION PRO   | JECT DATA        |         |
| 3. INSTALLATION AND LO<br>VARIOUS AIR FORCE |   |                  |         |
| 4. PROJECT TITLE                            |   | 5. PROJECT NUMBE | R       |
| POST ACQUISITION C                          |   |                  |         |
|   |   |                  |         |
| <b>10.</b> Description of work              | to be accomplished  | Current W        | orking  |
| Locati                                      | ion and Project   | Estimate         | -       |
| CALIFORNIA                                  |   |                  |         |
| BEALE AFB                                   |   | 127              |         |
| IMPROVE PLAYGE                              | ROUND   |                  |         |
| BAEY980006M2                                |   |                  |         |
|   | nd equipment, site furnishings, and landscaping details   |                  |         |
|   | reas in Military Family Housing. Work includes site clearing  | ng,              |         |
|   | ration, installation of irrigation systems for landscaping,   |                  |         |
| 1 0   | stablishing fall zone areas with playground safety surfacing rder, and installation for playground equipment. |                  |         |
|   | LISHED IN PREVIOUS THREE YEARS: None  |                  |         |
|   | LISHED FOR NEXT THREE YEARS: None   |                  |         |
|   |   |                  |         |
| CALIFORNIA                                  |   |                  |         |
| LOS ANGELES AF                              |   | 491              |         |
| IMPROVE INFRAST                             | TRUCTURE  |                  |         |
| HHEKO 14063<br>Bonoir povomo                | nts and housing roads. Domolish avisting roadway, such  |                  |         |
| and gutters, an                             | nts and housing roads. Demolish existing roadway, curb  |                  |         |
| -   | IPLISHED IN PREVIOUS THREE YEARS: None  |                  |         |
|   | IPLISHED FOR NEXT THREE YEARS: None   |                  |         |
| COLORADO                                    |   |                  |         |
| USAF ACADEMY                                |   | 6,466            | 5       |
| IMPROVE FAMILY                              | HOUSING   |                  |         |
| XQPZ037226                                  |   |                  |         |
|   | using units with all necessary amenities and supporting fac   |                  |         |
|   | s interior and exterior modernization, utility upgrades, and additi   | lons             |         |
|   | rical, plumbing and lighting systems.<br>Form 1391 attached)  |                  |         |
|   | IPLISHED IN PREVIOUS THREE YEARS: None  |                  |         |
|   | IPLISHED FOR NEXT THREE YEARS: None   |                  |         |
| USAF ACADEMY                                |   | 134              |         |
| IMPROVE NEIGHB                              | ORHOOD  | 10.              |         |
| XQPZ037320                                  |   |                  |         |
|   | ping and neighborhood trail in accordance with  |                  |         |
| -   | ommunity profile.   |                  |         |
|   | ndscaped entrance areas into the housing area.  |                  |         |
|   | IPLISHED IN PREVIOUS THREE YEARS: None  |                  |         |
| - WORK ACCOMI                               | plished for next three years: None  |                  |         |
|   |   |                  |         |
|   |   |                  |         |

PAGE NO

2. DATE 1. COMPONENT AIR FORCE FY 2003 MILITARY CONSTRUCTION PROJECT DATA 3. INSTALLATION AND LOCATION VARIOUS AIR FORCE BASES 4. PROJECT TITLE 5. PROJECT NUMBER POST ACQUISITION CONSTRUCTION io. Description of work to be accomplished Current Working Estimate (\$000) Location and Project **COLORADO** PETERSON AFB 7,531 IMPROVE FAMILY HOUSING TDKA034020 - Improve 87 family housing units with all necessary amenities and supporting facilities. Project includes interior modernization, additions, and community improvement to meet current standards. Renovate kitchens, bathrooms, and floor coverings. Converts 26 three-bedroom units to four-bedroom units and 48 three-bedroom units to two-bedroom units to meet current requirements. Additionally, 12 four-bedroom units and 1 single-family units will renovate to meet the new size standards. Provides playgrounds and recreation areas and connecting concrete sidewalks. (Separate DD Form 139 1 attached) - WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None - WORK ACCOMPLISHED FOR NEXT THREE YEARS: None 795 PETERSON AFB IMPROVE PARKING TDKA034000 - Demolish existing carports and asphalt paving, construct new asphalt pavement, and eight-car garages with individual stalls, concrete foundations, wood framing, standing seam metal roofing, lighting, and electrical outlets. - WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None - WORK ACCOMPLISHED FOR NEXT THREE YEARS: None DISTRICT OF COLUMBIA 562 BOLLING AFB IMPROVE ELECTRICAL SYSTEM BXUR034008 - Project replaces transformers and cable. Replaces switch with a 4-way switch, which will facilitate isolating the housing loop. Converts this housing loop into 2 loops. - WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None - WORK ACCOMPLISHED FOR NEXT THREE YEARS: None **FLORIDA** 12,422 HURLBURT FIELD IMPROVE FAMILY HOUSING FTEV994022 - Improve 213 housing units. Provides general interior and exterior modernization and renovation Includes utility upgrades to meet current standards. Upgrades kitchensbathrooms, improves HVAC, plumbing and electrical systems, provides signage, landscaping, additional outside storage and parking spaces. Includes asbestos/lead-based paint removal and radon mitigation. (Separate DD Form 139 1 attached) - WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None - WORK ACCOMPLISHED FOR NEXT THREE YEARS: None

PAGE NO

1. COMPONENT AIR FORCE

#### FY 2003 MILITARY CONSTRUCTION PROJECT DATA

2. DATE

| AIR FORCE                                   | FY 2003 MILITARY CONSTRUCTION PRO   | DJECT DATA        |
|---|---|-------------------|
| 3. INSTALLATION AND LO<br>VARIOUS AIR FORCE |   | •                 |
| 4. PROJECT TITLE                            | DASES   | 5. PROJECT NUMBER |
| POST ACOUISITION C                          | CONSTRUCTION  |                   |
| <b>10.</b> Description of work              | to be accomplished  | Current Working   |
| Locat                                       | ion and Project   | Estimate (\$000)  |
| FLORIDA                                     |   |                   |
| HURLBURT FIELD                              |   | 103               |
| IMPROVE NEIGHB<br>FTEV014001A               | OKHOOD  |                   |
|   | ished screened patio to seven existing housing units  |                   |
|   | pavement. Work shall include addition of new exterior   |                   |
|   | fixtures. Patio cover is fully screened and has one screen  |                   |
| door to backyard.                           | -   |                   |
|   | ISHED IN PREVIOUS THREE YEARS: None   |                   |
| - WORK ACCOMPL                              | ISHED FOR NEXT THREE YEARS: None  |                   |
| PATRICK AFB                                 |   | 452               |
| IMPROVE NEIGHBOI                            | RHOOD   |                   |
| SXHT994025P1                                | an a 2.05 Mater accounts Dimensionality in the Marth Handing  |                   |
|   | er x 3.05 Meter concrete Riverwalk in the North Housing<br>se 1 of Multi Phase Project along the Banana River waterfront. |                   |
|   | LISHED IN PREVIOUS THREE YEARS: None  |                   |
|   | LISHED FOR NEXT THREE YEARS: None   |                   |
| TYNDALL AFB                                 |   | 101               |
|   | SUPPLY & STORAGE FACILITY   | 101               |
| XLWU004010                                  |   |                   |
|   | concrete slab, and erect a pre-engineered metal building with   |                   |
|   | Building to be complete with lights, fire protection/alarms,  |                   |
| personnel door, an<br>- WORK ACCOMI         | PLISHED IN PREVIOUS THREE YEARS: None   |                   |
|   | PLISHED FOR NEXT THREE YEARS: None  |                   |
| CEODOLA                                     |   |                   |
| <u>GEORGIA</u><br>ROBINS AFB                |   | 256               |
| IMPROVE INFRASTR                            | UCTURE  | 200               |
| UHHZO 14022                                 |   |                   |
|   | m drainage system. It includes removing existing debris,  |                   |
|   | te trenches and replacing culverts and drainage as necessa  | ry                |
|   | ISHED IN PREVIOUS THREE YEARS: None<br>ISHED FOR NEXT THREE YEARS: None   |                   |
| - WORK ACCOMPL                              | ISHED FOR NEXT THREE YEARS. NOTE  |                   |
| MASSACHUSETTS                               |   |                   |
| HANSCOM AFB                                 |   | 0                 |
| PRIVATIZE FAMIL                             | Y HOUSING   |                   |
| MXRD993002                                  | dminister the privatization initiative for 687 housing units  |                   |
| _   | m 139 1 attached)   |                   |
|   | LISHED IN PREVIOUS THREE YEARS: None  |                   |
|   | PLISHED FOR NEXT THREE YEARS: None  |                   |
|   |   |                   |
|   |   |                   |

| AIR FORCE       FY 2003 MILITARY CONSTRUCTION PROJECT DATA         3: INSTALLATION AND LOCATION<br>VARIOUS AIR FORCE BASES  | 1. COMPONENT  |   | L. DAT            | E |
|---|---|---|-------------------|---|
| VARIOUS AIR FORCE BASES         4. PROJECT TITLE         POST ACQUISITION CONSTRUCTION         w. Description of work to be accomplished         Location and Project         Current Working         Estimate (\$000)         MISSISSIPPI         KEESLER AFB       175         MMROVE STREETS         MAHG014601E         • Mill 2 inches off of existing asphalt streets and replace with new surface course material.<br>Replace street reflectors. Project includes Patton Street in Bayridge. Coolidge Drive in East<br>Falcon, and MeNamey and Sweeny Drives in North Thrower Park.         • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None         MISSOURI         WHITEMAN AFB         IMPROVE UTILITY SYSTEM         474         YWHG952003R1         • Regrade and reshape the terrain to provide storm drainage away from the<br>housing units and the housing area. It includes excavation, backfill, subsurface<br>drains, retaining walls, collector drainage system and landscaping.         • WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None         • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None         NEW MEXICO         CANNON AFB         PRIVATIZE FAMILY HOUSING         CZQ2030004         • Conveys 1.294 existing single and multiplex family housing units for<br>A privatization, end state, on approximately 4 17 acres of leased land.<br>Without privatization, the MILCON cost for this wo   | AIR FORCE   | FY 2003 MILITARY CONSTRUCTION PRO   | DJECT DATA        |   |
| VARIOUS AIR FORCE BASES         4.PROJECT TITLE         POST ACQUISITION CONSTRUCTION         io. Description of work to be accomplished         Location and Project         MISSISSIPPI         KEESLER AFB         IMPROVE STREETS         MAHG014601E         • MIL 2 inches off of existing asphalt streets and replace with new surface course material.<br>Replace street reflectors. Project includes Patton Street in Bayridge. Coolidge Drive in East<br>Falcon, and MeNamey and Sweeny Drives in North Thrower Park.         • WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None         • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None         MISSOURI         WHITEMAN AFB         IMPROVE UTILITY SYSTEM         474         YWHG952003R1         • Regrade and reshape the terrain to provide storm drainage away from the<br>housing units and the housing area. It includes excavation, backfill, subsurface<br>drains, retaining walls, collector drainage system and landscaping.         • WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None         • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None         • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None         • WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None         • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None         • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None         • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None         • WORK ACCOMPL   |   | CATION  |                   |   |
| 4. PFOJECT TITLE       5. PROJECT NUMBER         POST ACQUISITION CONSTRUCTION       6. Description of work to be accomplished       Current Working         Location and Project       Estimate (\$000)         MISSISSIPPI<br>KEESLER AFB       175         MPROVE STREETS       175         MAHGO14601B       175         • Mill 2 inches off of existing asphalt streets and replace with new surface course material.<br>Replace street reflectors. Project includes Patron Street in Bayridge, Coolidge Drive in East<br>Falcon, and McNamey and Sweeny Drives in North Thrower Park.         • WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None       •WORK ACCOMPLISHED FOR NEXT THREE YEARS: None         • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None       474         YWHG952003R1       474         • Regrade and reshape the terrain to provide storm drainage away from the<br>housing units and the housing area. It includes excavation, backfill, subsurface<br>drains, retaining walls, collector drainage system and landscaping.       474         • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None       7.754         • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None       7.754         NEW MEXICO<br>CANNON AFB       7.754         • Conveys 1,294 existing single and multiplex family housing units for<br>A privatization, end state, on approximately 4 17 acres of leased land.<br>Without privatization, the MILCON cost for this work is \$58.3M for<br>A leverage of 7.47: 1. Privatized units will provide modem interior and<br>exterior upgrades and meet current AF space and fl |   |   |                   |   |
| io. Description of work to be accomplished<br>Location and Project       Current Working<br>Estimate (\$000)         MISSISSIPPI<br>KEESLER AFB<br>INPROVE STREETS<br>MAIGO14601E       175         • Mill 2 inches off of existing asphalt streets and replace with new surface course material.<br>Replace street reflectors. Project includes Patton Street in Bayridge, Coolidge Drive in East<br>Falcon, and McMarmey and Sweeny Drives in North Thrower Park.       175         • WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None       175         • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None       174         • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None       474         • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None       474         • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None       474         • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None       474         • WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None       474         • WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None       7,754         • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None       7,754         • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None       7,754         • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None       7,754         • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None       7,754         • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None       7,754         • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None       7,754         • WORK ACCOMPLISHED FOR NEXT THREE YEAR  |   |   | 5. PROJECT NUMBER |   |
| Location and Project       Current Working<br>Estimate (\$000)         MISSISSIPPI<br>KEESLER AFB       175         MMROUE STREETS<br>MAHG014601E       175         • Mill 2 inches off of existing asphalt streets and replace with new surface course material.<br>Replace street reflectors. Project includes Patton Street in Bayridge, Coolidge Drive in East<br>Falcon, and McNarney and Sweeny Drives in North Thrower Park.       175         • WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None       175         • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None       174         MISSOURI       474         WHITEMAN AFB       474         WWHG952003RI       474         • Regrade and reshape the terrain to provide storm drainage away from the<br>housing units and the housing area. It includes excavation, backfill, subsurface<br>drains, retaining walls, collector drainage system and landscaping.       474         • WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None       800         NEW MEXICO       7,754         PRIVATIZE FAMILY HOUSING       7,754         PRIVATIZE FAMILY HOUSING       7,754         CZQ2030004       • Conveys 1,294 existing single and multiplex family housing units for<br>A privatization, end state, on approximately 4 17 acres of leased land.<br>Without privatization, the MILCON cost for this work is \$\$8.3M for<br>A leverage of 7.47: 1. Privatized units will provide modem interior and<br>exterior upgrades and meet current AF space and floor plan standards<br>(Separate DD Form 1391 attached)         • WORK                              | POST ACQUISITION C  | CONSTRUCTION  |                   |   |
| Location and Project     Estimate (\$000)       MISSISSIPPI<br>KEESLER AFB     175       MMPROVE STREETS<br>MAHG014601E     175       • WII1 2 inches off of existing asphalt streets and replace with new surface course material.<br>Replace street reflectors. Project includes Patton Street in Bayridge, Coolidge Drive in East<br>Failcon, and McMamey and Sweeny Drives in North Thrower Park.     175       • WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None     176       MISSOURI<br>WHITEMAN AFB     474       VWHG952003R1     474       • Regrade and reshape the terrain to provide storm drainage away from the<br>housing units and the housing area. It includes excavation, backfill, subsurface<br>drains, retaining walls, collector drainage system and landscaping.     474       • WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None     7,754       NEW MEXICO<br>CANNON AFB     7,754       • Conveys 1,294 existing single and multiplex family housing units for<br>A privatization, end state, on approximately 4 17 acres of leased land.<br>Without privatization, the MILCON cost for this work is \$58.3M for<br>A leverage of 7,47: 1. Privatized units will provide modem interior and<br>exterior upgrades and meet current AF space and floor plan standards<br>(Separate DD Form 1391 attached)       • WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None   | <b>10.</b> Description of work  | to be accomplished  | Current Working   |   |
| KEESLER AFB       175         MPROVE STREETS       • Mill 2 inches off of existing asphalt streets and replace with new surface course material.       Replace street reflectors. Project includes Patton Street in Bayridge, Coolidge Drive in East Falcon, and McNamey and Sweeny Drives in North Thrower Park.       • WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None         • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None       • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None       474         MISSOURI       WHITEMAN AFB       474         WHROVE UTILITY SYSTEM       474         YWHG952003R1       • Regrade and reshape the terrain to provide storm drainage away from the housing units and the housing area. It includes excavation, backfill, subsurface drains, retaining walls, collector drainage system and landscaping.       • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None         • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None       • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None       7,754         • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None       7,754       7,754         • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None       7,754         • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None       7,754         • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None       7,754         • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None       7,754         • WORK ACCOMPLISHED FOR NEXT THREE YEARS: None       7,754         • WORK ACCOMPLISHED IN PREVIOUS of this work is \$58.3M for       7,754  | Locat   | on and Project  |                   |   |
| WHITEMAN AFB       474         IMPROVE UTILITY SYSTEM       474         YWHG952003R1       - Regrade and reshape the terrain to provide storm drainage away from the housing units and the housing area. It includes excavation, backfill, subsurface drains, retaining walls, collector drainage system and landscaping.       - WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None         - WORK ACCOMPLISHED FOR NEXT THREE YEARS: None       - WORK ACCOMPLISHED FOR NEXT THREE YEARS: None         NEW MEXICO       7,754         CANNON AFB       7,754         PRIVATIZE FAMILY HOUSING       7,754         CZQZ030004       - Conveys 1,294 existing single and multiplex family housing units for A privatization, end state, on approximately 4 17 acres of leased land. Without privatization, the MILCON cost for this work is \$58.3M for A leverage of 7.47: 1. Privatized units will provide modem interior and exterior upgrades and meet current AF space and floor plan standards (Separate DD Form 1391 attached)         - WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None       - WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None  | KEESLER AFB<br>IMPROVE STREETS<br>MAHG014601E<br>- Mill 2 inches off of<br>Replace street refle<br>Falcon, and McNa<br>- WORK ACCOMP  | ectors. Project includes Patton Street in Bayridge, Coolidge Driv<br>rney and Sweeny Drives in North Thrower Park.<br>LISHED IN PREVIOUS THREE YEARS: None  | aterial.          |   |
| CANNON AFB7,754PRIVATIZE FAMILY HOUSINGCZQZ030004- Conveys 1,294 existing single and multiplex family housing units for<br>A privatization, end state, on approximately 4 17 acres of leased land.<br>Without privatization, the MILCON cost for this work is \$58.3M for<br>A leverage of 7.47: 1. Privatized units will provide modem interior and<br>exterior upgrades and meet current AF space and floor plan standards<br>(Separate DD Form 1391 attached)- WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None   | WHITEMAN AFB<br>IMPROVE UTILITY<br>YWHG952003R1<br>- Regrade and resh<br>housing units an<br>drains, retaining<br>- WORK ACCOMP   | ape the terrain to provide storm drainage away from the<br>d the housing area. It includes excavation, backfill, subsur<br>walls, collector drainage system and landscaping.<br>LISHED IN PREVIOUS THREE YEARS: None  |                   |   |
|   | CANNON AFB<br>PRIVATIZE FAMILY<br>CZQZ030004<br>- Conveys 1,294 et<br>A privatization, e<br>Without privatiza<br>A leverage of 7.4<br>exterior upgrades<br>(Separate DD Fo<br>- WORK ACCOMP | xisting single and multiplex family housing units for<br>end state, on approximately 4 17 acres of leased land.<br>tion, the MILCON cost for this work is <b>\$58.3M</b> for<br>7: 1. Privatized units will provide modem interior and<br>a and meet current AF space and floor plan standards<br>rm 1391 attached)<br>LISHED IN PREVIOUS THREE YEARS: None | 7,754             |   |

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| 1. COMPONENT                          |  |                       | 2. DATE |
|---------------------------------------|--|-----------------------|---------|
| AIR FORCE                             | FY 2003 MILITARY CONSTRUCTION PRO  | JECT DATA             |         |
| 3. INSTALLATION AND LO                |  |                       |         |
| VARIOUS AIR FORCE<br>4. PROJECT TITLE | BASES  | 5. PROJECT NUMBE      | P       |
| POST ACQUISITION C                    | CONSTRUCTION   | 5. FROJECT NUMBE      | .r.     |
| <b>10.</b> Description of work        |  |                       |         |
| Locati                                | on and Project   | Current W<br>Estimate |         |
| <u>OHIO</u>                           |  |                       |         |
| WRIGHT-PATTERS                        | 13,436   |                       |         |
| ZHTV994004                            |  |                       |         |
|                                       | nits. PINE ESTATES: Replace kitchens<br>provide heat pumps, replace flooring, widen drives & pat | ios                   |         |
|                                       | e sheds, fence yards. Replace water lines and pavements.   | 108,                  |         |
|                                       | ace windows, electrical, communication systems.,   |                       |         |
|                                       | s bathroom <b>finish</b> attic closet, refinish interiors, and replace                           | ce trim.              |         |
| (Separate DD F                        | orm 1391 attached)<br>PLISHED IN PREVIOUS THREE YEARS: Repair kitchens,                          |                       |         |
| baths and exter                       | •  |                       |         |
| - WORK ACCOM                          | PLISHED FOR NEXT THREE YEARS: None   |                       |         |
| SOUTH CADOLINA                        |  |                       |         |
| SOUTH CAROLINA<br>CHARLESTON AFB      |  | 258                   |         |
| IMPROVE HOUSING                       | OFFICE   |                       |         |
| DKFX044003                            |  |                       |         |
| - Provide 100 SM (1,                  | 076 SF) addition and alterations to existing housing   |                       |         |
|                                       | including all necessary and required utilities and any   |                       |         |
|                                       | sm/force protection measures. Alteration portion   |                       |         |
|                                       | uration of selected interior non-loading bearing walls   |                       |         |
| 1 0                                   | , wall, and floor finishes.  |                       |         |
|                                       | HED IN PREVIOUS THREE YEARS: None  |                       |         |
| - WORK ACCOMPLIS                      | HED FOR NEXT THREE YEARS: None   |                       |         |
| SHAW AFB                              |  |                       |         |
| PRIVATIZE FAMILY                      | HOUSING  |                       |         |
| VLSB030009R1                          |  |                       |         |
| - Conveys 1,704 ex                    | sting single and multiplex housing units for privatization,                                      |                       |         |
| end state, on appro                   | oximately 443 acres of land. Without privatization, the  |                       |         |
|                                       | this work is <b>\$46,600,000</b> for a leverage of 1.41.   |                       |         |
|                                       | ill provide modem interior and exterior conveniences   |                       |         |
|                                       | pace and floor plan standards.   |                       |         |
|                                       | m 139 1 attached)  |                       |         |
|                                       | ED IN PREVIOUS THREE YEARS: 60 units were upgra  | lded                  |         |
| to whole house sta                    |  |                       |         |
| - WOKK ACCOMPL                        | ISHED FOR NEXT THREE YEARS: None   |                       |         |
|                                       |  |                       |         |
|                                       |  |                       |         |
|                                       |  |                       |         |
|                                       |  |                       |         |
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|                                       |  |                       |         |

1. COMPONENT AIR FORCE

#### 

2. DATE

| AIR FORCE                                   | FY 2003 MILITARY CONSTRUCTION PRO  | DJECT DATA                          |
|---|--|-------------------------------------|
| 3. INSTALLATION AND LO<br>VARIOUS AIR FORCE |  |                                     |
| 4. PROJECT TITLE                            |  | 5. PROJECT NUMBER                   |
| POST ACQUISITION C                          | ONSTRUCTION  |                                     |
| 10. Description of work                     | to be accomplished   |                                     |
| Locati                                      | on and Project   | Current Working<br>Estimate (\$000) |
| TEXAS                                       |  |                                     |
| LAUGHLIN AFB<br>IMPROVE HOUSING             | OFFICE   | 255                                 |
| MXDP034005                                  | OFFICE   |                                     |
|   | ls and equipment to construct an addition and alter the  |                                     |
|   | ousing Management Office to conform to the Air Force   |                                     |
|   | Facilities Guide. Work includes site work, foundation,   |                                     |
|   | erior and exterior finishes, roofing, and HVAC upgrades.   |                                     |
| playground, and l                           | removal of asphalt drive, construction of a fenced   |                                     |
|   | ISHED IN PREVIOUS THREE YEARS: None  |                                     |
|   | ISHED FOR NEXT THREE YEARS: None   |                                     |
|   |  |                                     |
| VIRGINIA                                    |  | 15,643                              |
| LANGLEY AFB                                 | CAL FAMILY HOUSING   | 15,045                              |
| MUHJ030201                                  |  |                                     |
|   | ovation of 46 historic houses, and all necessary support.  |                                     |
|   | upgrade all systems to renovate each facility to meet curre  | ent                                 |
|   | compromising the architectural integrity of the facility.  |                                     |
|   | cal, electrical and plumbing systems, air conditioning/hea<br>and exterior repairs as necessary to revitalize the units. | lting,                              |
|   | rm 1391 attached)  |                                     |
| _   | ISHED IN PREVIOUS THREE YEARS: None  |                                     |
|   | ISHED FOR NEXT THREE YEARS: None   |                                     |
| LANGLEY AFB                                 |  | 362                                 |
| IMPROVE NEIGHBC                             | RHOOD  | 562                                 |
| MUHJ023011                                  |  |                                     |
|   | des repairing the exterior of existing garage, installing  |                                     |
|   | ns, constructing parking aprons, and removal of  |                                     |
| clothesline posts                           | LISHED IN PREVIOUS THREE YEARS: None   |                                     |
|   | LISHED FOR NEXT THREE YEARS: None  |                                     |
|   |  |                                     |
| WASHINGTON<br>MCCHORD AFB                   |  | 376                                 |
| IMPROVE HOUSIN                              | GOFFICE  | 570                                 |
| PQWY034005                                  |  |                                     |
| - Adds 50 SM of                             | space and alters the layout of the housing management of   |                                     |
|   | on conference room, waiting room, children play area, stat   |                                     |
|   | ale, breakroom, and storage/computer room Improves floation  | noc                                 |
| plan and circula                            | MPLISHED IN PREVIOUS THREE YEARS: None   |                                     |
|   | PLISHED IN PREVIOUS THREE TEARS: None<br>PLISHED FOR NEXT THREE YEARS: None  |                                     |
|   |  |                                     |
| DD FORM 1391c, DEC 76                       | PREVIOUS EDITIONS MAY BE USED INTER  | NALLY PAGE NO                       |

| 1. COMPONENT                                |   |                  | 2. DATE |
|---|---|------------------|---------|
| AIR FORCE                                   | FY 2003 MILITARY CONSTRUCTION PRO                             | OJECT DATA       |         |
|   |   |                  |         |
| 3. INSTALLATION AND LO<br>VARIOUS AIR FORCE |   |                  |         |
| 4. PROJECT TITLE                            | DANEN   | 5. PROJECT NUMBE | R       |
| POST ACQUISITION C                          | CONSTRUCTION  |                  |         |
| <b>10.</b> Description of work              | to be accomplished  | Current W        | orking  |
| Locati                                      | ion and Project   | Estimate         |         |
| WYOMING                                     |   | ^                |         |
| FE WARREN AFB<br>PRIVATIZE FAMIL            | Y HOUSING   | 0                |         |
| GHLN034000                                  | I HOUSING   |                  |         |
|   | g Carlin Heights MFH units for privatization                  |                  |         |
| Without privatization                       | on, the MILCON cost is <b>\$7.4M</b> with a leverage of 2.34. |                  |         |
|   | l provide general interior and exterior modernization.        |                  |         |
| and renovation                              | 1201 attached   |                  |         |
| (Separate DD Form                           | 1 1391 attached)<br>SHED IN PREVIOUS THREE YEARS: GHLN 984001 |                  |         |
|   | f Access, <b>Carlin \$62K</b> . GHLN 974027 Replace           |                  |         |
| Windows Carlin He                           |   |                  |         |
|   | SHED FOR NEXT THREE YEARS: None                               |                  |         |
|   |   |                  |         |
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| DD FORM <b>1391c,</b> DEC 76                | PREVIOUS EDITIONS MAY BE USED INTER                           |                  | NO      |
| 23 I OKA 10010, DEC 70                      | UNTIL EXHAUSTED   |                  | · .     |

1. COMPONENT 2. DATE AIR FORCE FY 2003 MILITARY CONSTRUCTION PROJECT DATA 3. INSTALLATION AND LOCATION VARIOUS AIR FORCE BASES 4. PROJECT TITLE 5. PROJECT NUMBER POST ACQUISITION CONSTRUCTION io. Description of work to be accomplished Current Working Location and Project Estimate (\$000) OVERSEAS GERMANY **RAMSTEIN** A B 51,526 IMPROVE FAMILY HOUSING YANB034546 - Provides general interior and exterior upgrades of 376 units. Includes utility upgrade and additions to meet current standards. Upgrades kitchens, bathrooms, stairwells and entryways, improves floor plans and balconies, and improves energy efficiency. Corrects fire deficiencies. Includes asbestos, lead based paint and other hazard removal. Adds walkways and parking. Grade Mix: 344 E1-E4, 32 E5-E9 (Separate DD Form 1391 attached) - WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None - WORK PROGRAMMED FOR NEXT THREE YEARS: None SPANGDAHLEM AFB 21,229 IMPROVE FAMILY HOUSING BSHF034000 - Provides general modernization and renovation of 192 units. Includes utility upgrades to meet current standards. Upgrades kitchens, bathrooms, floor coverings, stairwells and entryways. Improves floor plans, increases energy efficiency, corrects fire deficiencies, improves balconies and landscaping, and replaces roofs. Includes asbestos/lead based paint removal. Grade Mix: 164 El -E6, 28 E7-E9. (Separate DD Form 1391 attached) - WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None - WORK ACCOMPLISHED FOR NEXT THREE YEARS: None **GUAM** 16,479 ANDERSEN AFB IMPROVE FAMILY HOUSING AJJY034401R2 Provides general interior and exterior modernization and renovation of 112 units. Includes utility upgrades to meet current standards. Upgrades kitchens/bathrooms, improves HVAC, plumbing and electrical systems, provides signage, landscaping, additional outside storage and parking spaces. Includes asbestos/lead-based paint removal and radon mitigation. (Separate DD Form 139 1 attached) - WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None. - WORK PROGRAMMED FOR NEXT THREE YEARS: None

| 1. COMPONENT   |   |   | 2. DATE |
|--|---|---|---------|
| AIR FORCE  | FY 2003 MILITARY CONSTR   | UCTION PROJECT DATA   |         |
| 3. INSTALLATION AND LO   |   |   |         |
| VARIOUS AIR FORCE<br>4. PROJECT TITLE  | BASES   | 5. PROJECT NUMB   | R       |
| POST ACQUISITION C   | CONSTRUCTION  |   |         |
| 10. Description of work t  | to be accomplished  | Connect VI  | (1.;    |
| Locati   | ion and Project   | Current W<br>Estimate   |         |
| Includes utility of<br>improves HVAC<br>additional outsid<br>removal and rad<br>(Separate DD For<br>- WORK ACCOM   | interior and exterior modernization and re<br>upgrades to meet current standards. Upgr<br>C, plumbing and electrical systems, provid<br>le storage and parking spaces. Includes a   | enovation of 124 units.<br>ades kitchens/bathrooms,<br>les <b>signage,</b> landscaping,<br>sbestos/lead-based paint<br>RS: Repair kitchen, <b>FY99-01</b> . | 989     |
| of 96 units. Inclu<br>fencing, patios, p<br>and asbestos/lead<br>to upgrade water,<br>77 JNCO, 1 SNCO<br>(Separate DD For<br>- WORK ACCOMI<br>Roof replacement | HOUSING<br>interior and exterior modernization and re<br>udes additions to meet current size standar<br>playgrounds, and recreation areas. Include<br>l-based paint removal. Replacement of in<br>, sewer, and electrical distribution systems<br>O, 1 CGO, 11 FGO, 6 SO. | rds, privacy<br>es demolition<br>frastructure<br>s. Grade Mix:<br>RS:<br><b>701</b> to 72 units.  | 32      |

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#### POST ACQUISITION CONSTRUCTION PROJECTS (OVER \$50,000 PER UNIT)

A separate DD Form 1391 follows for each Post Acquisition Construction project which is over \$50,000 per unit (multiplied by the Area Cost Factor).

Page No.

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| AIR FORCE   | FY 2003 MILITARY CONSTRUCTION PROJECT DATA       2. DATE         (computer generated)  |   |  |  |  |  |  |
|---|--|---|--|--|--|--|--|
| 3. INSTALLATION AND LOCATION 4. PROJECT TITLE   |  |   |  |  |  |  |  |
| MAXWELL AIR FORCE BASE, ALABAMA PRIVATIZE FAMILY HOUSING  |  |   |  |  |  |  |  |
| 5. PROGRAM ELEM   | ENT 6. C   | ATEGORY CODE  | 7. PROJ  | ECT NUMBER   | 8. PROJEC  | T COST (\$000)   |  |
| 00742   | 711-142 <b>PNQS044530</b>  |   |  | 0  |  |  |  |
|   |  | 9. COST P   | STIMATES   | ξ  |  |  |  |
|   | ITEM   |   | 11/м   | QUANTITY   | UNIT   | COST   |  |
| PRIVATIZE FAMILY  |  |   | UN   | 614  | 0  |  |  |
| SUPPORTING FACIL  |  |   |  |  | -  |  |  |
| SUBTOTAL  |  |   |  |  |  |  |  |
| IOTAL CONTRACT C  | OST  |   |  |  |  |  |  |
| TOTAL REQUEST   |  |   |  |  |  |  |  |
| AREA COST FACTOR  | ,  |   | .86  | 1 I  |  |  |  |
| EFFECTIVE STATUT  |  |   | 0  |  |  |  |  |
| MOST EXPENSIVE U  |  |   | 0  |  |  |  |  |
|   |  | ed Work: Convey   | •  | [ ]  |  |  |  |
| 11. REQUIREMENT<br>PROJECT: PRIVAT<br>REQUIREMENT: Th<br>military members   | ndards.<br>T: 968UN<br>IZE <b>FAMILY</b><br>is project<br>and their  | HOUSING (CURREN<br>is required to<br>dependents stat  | QUATE: 3<br>T MISSIO<br>provide<br>ioned at  | 26UN<br>N)<br>modern and e<br><b>Maxwell</b> AFE   | SUBSTANDA<br>efficient ho<br>3. 114 units  | ARD: 288 UN<br>Dusing for<br>s will undergo  |  |
| PROJECT: PRIVAT<br>REQUIREMENT: Th<br>military members<br>improvement cons<br>appealing living<br>co meet current   | ndards.<br>T: 968UN<br>IZE FAMILY<br>is project<br>and their<br>truction t<br>environme<br>housing st  | ADE(<br>HOUSING (CURREN<br>is required to   | QUATE: 3<br>T MISSION<br>provide<br>ioned at<br>afety co<br>y, 174 r<br>its will   | 26UN<br>N)<br>modern and e<br><b>Maxwell</b> AFE<br>des and to p<br>eplacement u<br><b>meet"whole</b>  | SUBSTANDA<br>Afficient ho<br>3. 114 units<br>provide a co<br>nits will h<br>house" stand   | ARD: 288 UN<br>busing for<br>s will undergo<br>omfortable and<br>be constructed<br>dards and are   |  |
| 11. <b>REQUIREMENT</b><br><u>PROJECT:</u> PRIVAT<br><u>REQUIREMENT:</u> The<br><b>nilitary</b> members<br>improvement cons<br>appealing living<br>co meet current<br>programmed in ac<br>vill provide a me<br>vith ample inter  | ndards.<br>T: 968UN<br>TZE FAMILY<br>is project<br>and their<br>truction t<br>environme<br>housing st<br>cordance w<br>odern kitc<br>ior and ex  | ADE(<br>HOUSING (CURREN<br>is required to<br>dependents stat<br>o meet current s<br>nt. Additionall<br>andards. All un  | QUATE: 3<br>T MISSION<br>provide<br>ioned at<br>afety con<br>y, 174 r<br>jts will<br>Family <b>E</b><br>, family<br>Living   | 26UN<br>N)<br>modern and e<br><b>Maxwell</b> AFE<br>des and to p<br>eplacement u<br>meet"whole<br>ousing Waste<br>room, bedro<br>units will b  | SUBSTANDA<br>efficient ho<br>a. 114 units<br>provide a co<br>nits will h<br>nouse" stand<br>r Plan. Re<br>om and bath<br>pe expanded   | ARD: 288 UN<br>busing for<br>s will undergo<br>comfortable and<br>be constructed<br>dards and are<br>enovated housin<br>h configuration<br>to meet curren  |  |
| 11. <b>REQUIREMENT</b><br><u>PROJECT:</u> PRIVAT<br><u>REQUIREMENT:</u> The<br><b>nilitary</b> members<br>improvement cons<br>appealing living<br>co meet current<br>programmed in ac<br>vill provide a m<br>vith ample inter<br>space authorizat.<br><b>ieficient.</b> Neigh   | ndards.<br>T: 968UN<br>TZE FAMILY<br>is project<br>and their<br>truction t<br>environme<br>housing st<br>cordance w<br>odern kitc<br>ior and ex<br>ions. Car<br>hborhood is  | ADEQ<br>HOUSING (CURREN<br>is required to<br>dependents stat<br>o meet current s<br>nt. Additionall<br>andards. All un<br>rith the <b>Maxwell</b><br>hen, living room<br>terior storage.<br>garages and off<br>mprovements are  | QUATE: 3<br>T MISSION<br>provide<br>ioned at<br>afety con<br>y, 174 r<br>its will<br>Family <b>B</b><br>, family <b>B</b><br>, family<br>Living<br>street  | 26UN<br>N)<br>modern and e<br><b>Maxwell</b> AFE<br>des and to p<br>eplacement u<br>meet"whole<br>ousing Waste<br>room, bedro<br>units will h<br>parking will  | SUBSTANDA<br>efficient ho<br>a. 114 units<br>provide a co<br>units will h<br>couse" stand<br>r Plan. Re<br>om and bath<br>be expanded<br>be provide  | ARD: 288 UN<br>ousing for<br>s will undergo<br>omfortable and<br>be constructed<br>dards and are<br>enovated housing<br>the configuration<br>to meet currenged where   |  |
| 11. <b>REQUIREMENT</b><br><u>PROJECT:</u> PRIVAT<br><u>REQUIREMENT:</u> Th<br><b>nilitary</b> members<br>improvement cons<br>appealing living<br>co meet current<br>programmed in ac<br>vill provide a m<br>vith ample inter<br>space authorizat<br>leficient. Neigh<br>playgrounds and p   | ndards.<br>T: 968UN<br>TZE FAMILY<br>is project<br>and their<br>truction t<br>environme<br>housing st<br>cordance w<br>odern kitc<br>ior and ex<br>ions. Car<br>hborhood in<br>recreation  | ADEQ<br>HOUSING (CURREN<br>is required to<br>dependents stat<br>o meet current s<br>nt. Additionall<br>andards. All un<br>tith the <b>Maxwell</b><br>hen, living room<br>terior storage.<br>garages and off<br>mprovements are a<br>areas.  | QUATE: 3<br>T MISSION<br>provide<br>ioned at<br>afety co<br>y, 174 r<br>its will<br>Family <b>H</b><br>, family<br>Living<br>street<br>required  | 26UN<br>N)<br>modern and e<br>Maxwell AFE<br>des and to p<br>eplacement u<br>meet"whole<br>ousing Waste<br>room, bedro<br>units will b<br>parking will<br>and will in  | SUBSTANDA<br>efficient ho<br>3. 114 units<br>provide a co<br>units will h<br>nouse" stand<br>r Plan. Re<br>om and bath<br>be expanded<br>be provide<br>sclude lands  | ARD: 288 UN<br>ousing for<br>s will undergo<br>omfortable and<br>be constructed<br>dards and are<br>enovated housin<br>h configuration<br>to meet curren<br>ed where<br>scaping,   |  |
| 11. <b>REQUIREMENT</b><br><u>PROJECT:</u> PRIVAT<br><u>REQUIREMENT:</u> The<br>nilitary members<br>improvement cons<br>appealing living<br>co meet current<br>programmed in ac<br>vill provide a me<br>vith ample inter<br>space authorizat<br>ieficient. Neigh<br>playgrounds and be<br><u>CURRENT SITUATION</u><br>beginning in the<br>major renovation   | ndards.<br>T: 968UN<br>TIZE FAMILY<br>is project<br>and their<br>truction t<br>environme<br>housing st<br>cordance w<br>odern kitc<br>ior and ex<br>ions. Car<br>hborhood in<br>recreation<br>N: This p<br>early 194<br>and repai  | ADEQ<br>HOUSING (CURREN<br>is required to<br>dependents stat<br>o meet current s<br>nt. Additionall<br>andards. All un<br>rith the <b>Maxwell</b><br>hen, living room<br>terior storage.<br>garages and off<br>mprovements are  | QUATE: 3<br>T MISSION<br>provide<br>ioned at<br>afety coo<br>y, 174 r<br>its will<br>Family <b>E</b><br>, family<br>Living<br>street<br>required<br>and mode<br>s range<br>erioratio   | 26UN<br>N)<br>modern and e<br>Maxwell AFE<br>des and to p<br>eplacement u<br>meet"whole<br>ousing Waste<br>room, bedro<br>units will h<br>parking will<br>and will ir<br>rnizes housi<br>from 30 to 6<br>on resulting  | SUBSTANDA<br>efficient ho<br>a 114 units<br>provide a co<br>nits will h<br>ouse" stand<br>r Plan. Re<br>om and bath<br>e expanded<br>be provide<br>clude lands<br>ang, which w<br>0 years of<br>from heavy   | ARD: 288 UN<br>ousing for<br>s will undergo<br>omfortable and<br>be constructed<br>dards and are<br>enovated housing<br>to meet currenged<br>where<br>scaping,<br>were constructed<br>age and require<br>use. These  |  |
| 11. <b>REQUIREMENT</b><br><u>PROJECT:</u> PRIVAT<br><u>REQUIREMENT:</u> The<br><b>nilitary</b> members<br>improvement cons<br>appealing living<br>co meet current<br>programmed in ac<br>vill provide a me<br>vith ample inter<br>space authorizat<br>leficient. Neight<br>playgrounds and a<br><u>CURRENT SITUATION</u><br>peginning in the<br>major renovation<br>units do not mee<br>efficient living<br>deteriorated. C   | ndards.<br>T: 968UN<br>TZE FAMILY<br>is project<br>and their<br>truction t<br>environme<br>housing st<br>cordance w<br>odern kitc<br>ior and ex<br>ions. Car<br>hborhood in<br>recreation<br><u>N:</u> This p<br>early 194<br>and repai<br>t the need<br>area. Ki<br>ounter top  | ADEQ<br>HOUSING (CURREN<br>is required to<br>dependents stat<br>o meet current s<br>nt. Additionall<br>andards. All un<br>then, living room<br>terior storage.<br>garages and off<br>mprovements are<br>areas.<br>roject upgrades<br>0's. These home<br>r to correct det<br>s of today's fam<br>tchens, bathroom<br>s are warped, st  | QUATE: 3<br>T MISSION<br>provide<br>ioned at<br>afety coo<br>y, 174 r<br>its will<br>Family Ho<br>, family Ho<br>, family Ko<br>street<br>required<br>and mode<br>s range<br>erioratic<br>ilies, no<br>cabinets<br>ained, at   | 26UN<br>N)<br>modern and e<br>Maxwell AFE<br>des and to p<br>eplacement u<br>meet"whole<br>ousing Waste<br>room, bedro<br>units will h<br>parking will<br>and will ir<br>rnizes housi<br>from 30 to 6<br>on resulting<br>or do they p<br>s, and fixtu  | SUBSTANDA<br>efficient ho<br>a. 114 units<br>provide a co<br>nits will h<br>couse" stand<br>r Plan. Re<br>om and bath<br>be provide<br>clude lands<br>ung, which w<br>0 years of<br>from heavy<br>rovide a mo<br>res are obs<br>g from the   | ARD: 288 UN<br>busing for<br>s will undergo<br>omfortable and<br>be constructed<br>dards and are<br>enovated housing<br>to meet current<br>ed where<br>scaping,<br>were constructed<br>age and require<br>use. These<br>odern energy<br>solete and<br>seams.   |  |
| 11. <b>REQUIREMENT</b><br><u>PROJECT:</u> PRIVAT<br><u>REQUIREMENT:</u> The<br><b>nilitary</b> members<br>improvement cons<br>appealing living<br>co meet current<br>programmed in acd<br>vill provide a me<br>vith ample inter<br>space authorizat.<br>leficient. Neight<br>playgrounds and me<br><u>signning</u> in the<br>major renovation<br>mits do not mee<br>sificient living<br>deteriorated. Co<br>Plumbing and light<br>slectrical system   | ndards.<br>T: 968UN<br>TZE FAMILY<br>is project<br>and their<br>truction t<br>environme<br>housing st<br>cordance w<br>odern kitc<br>ior and ex<br>ions. Car<br>hborhood in<br>recreation<br>N: This p<br>early 194<br>and repai<br>t the need<br>area. Ki<br>ounter top<br>hting fixt<br>ms which m   | ADEQ<br>HOUSING (CURREN<br>is required to<br>dependents stat<br>o meet current s<br>nt. Additionall<br>andards. All un<br>tith the <b>Maxwell</b><br>hen, living room<br>terior storage.<br>garages and off<br>mprovements are<br>areas.<br>roject upgrades<br>0's. These home<br>r to correct det<br>s of today's fam<br>tchens, bathroom<br>s are warped, st<br>ures are deterior   | QUATE: 3<br>T MISSION<br>provide<br>ioned at<br>afety cou-<br>y, 174 r<br>its will<br>Family <b>B</b><br>, family<br>Living<br>street<br>required<br>and mode<br>s range<br>erioratic<br>ilies, n<br>cabinets<br>ained, a<br>rated ano   | 26UN<br>N)<br>modern and e<br>Maxwell AFE<br>des and to p<br>eplacement u<br>meet"whole<br>ousing Waste<br>room, bedro<br>units will h<br>parking will<br>and will ir<br>rnizes housi<br>from 30 to 6<br>on resulting<br>or do they p<br>s, and fixtu<br>nd separatin<br>d dated. So<br>codes. Groun   | SUBSTANDA<br>efficient ho<br>a. 114 units<br>provide a co<br>units will h<br>nouse" stand<br>r Plan. Re<br>om and bath<br>be provide<br>clude lands<br>ung, which w<br>0 years of<br>from heavy<br>rovide a mo<br>ures are obs<br>g from the<br>me units do<br>d fault cin   | ARD: 288 UN<br>ousing for<br>s will undergo<br>omfortable and<br>be constructed<br>dards and are<br>enovated housin<br>to meet curren<br>ed where<br>scaping,<br>were constructe<br>age and requir<br>to use. These<br>odern energy<br>solete and<br>seams.<br>o not have<br>rcuit interupte   |  |
| 11. <b>REQUIREMENT</b><br><u>PROJECT:</u> PRIVAT<br><u>REQUIREMENT:</u> Th<br><b>nilitary</b> members<br>improvement cons<br>appealing living<br>co meet current<br>programmed in ac<br>vill provide a m<br>vith ample inter<br>space authorizat<br>leficient. Neigh<br>playgrounds and b<br><u>CURRENT SITUATION</u><br>beginning in the<br>major renovation<br>mits do not mee<br>efficient living<br>deteriorated. Co<br>Plumbing and ligg<br>electrical system<br>protection is no<br>stained, loose,<br>siding, and insu   | ndards.<br>T: 968UN<br>TZE FAMILY<br>is project<br>and their<br>truction t<br>environme<br>housing st<br>cordance w<br>odern kitc<br>ior and ex<br>iors. Car<br>horhood in<br>recreation<br>N: This p<br>early 194<br>and repai<br>t the need<br>area. Ki<br>ounter top<br>hting fixt<br>ms which m<br>t provided<br>and mismat<br>lation req  | ADEQ<br>HOUSING (CURREN<br>is required to<br>dependents stat<br>o meet current s<br>nt. Additionall<br>andards. All un<br>tith the <b>Maxwell</b><br>hen, living room<br>terior storage.<br>garages and off<br>mprovements are<br>areas.<br>roject upgrades<br>0's. These home<br>r to correct det<br>s of today's fam<br>tchens, bathroom<br>s are warped, st<br>ures are deterio<br>to bathrooms,<br>ched due to non-<br>uire replacement | QUATE: 3<br>T MISSION<br>provide<br>ioned at<br>afety co<br>y, 174 r<br>its will<br>Family <b>E</b><br>, family<br>Living<br>street<br>required<br>and mode<br>s range<br>erioration<br>illes, n<br>cabinets<br>ained, a<br>rated and<br>cuction of<br>kitchens<br>availabil.<br>. The u   | 26UN<br>N)<br>modern and e<br>Maxwell AFE<br>des and to p<br>eplacement u<br>meet"whole<br>ousing Waste<br>room, bedro<br>units will b<br>parking will<br>and will ir<br>rnizes housi<br>from 30 to 6<br>on resulting<br>or do they p<br>s, and fixtu<br>nd separatin<br>d dated. So<br>codes. Groum<br>, and exteri<br>lity of orig<br>nits have in   | SUBSTANDA<br>efficient ho<br>a. 114 units<br>provide a co<br>mits will h<br>nouse" stand<br>r Plan. Re<br>om and bath<br>be provide<br>clude lands<br>de expanded<br>be provide<br>clude lands<br>of from heavy<br>rovide a mo<br>g from the<br>me units do<br>d fault cin<br>or circuits<br>final materi<br>adequate li   | ARD: 288 UN<br>ousing for<br>s will undergo<br>omfortable and<br>be constructed<br>dards and are<br>enovated housin<br>n configuration<br>to meet curren<br>ed where<br>scaping,<br>were constructed<br>age and requir<br>use. These<br>odern energy<br>solete and<br>seams.<br>o not have<br>rcuit interupte<br>s. Flooring is<br>.als. Windows,  |  |
| 11. <b>REQUIREMENT</b><br><u>PROJECT:</u> PRIVAT<br><u>REQUIREMENT:</u> The<br><b>nilitary</b> members<br>improvement cons<br>appealing living<br>co meet current<br>programmed in ac<br>vill provide a m<br>vith ample inter<br>space authorizat<br>leficient. Neigh<br>playgrounds and re-<br><u>CURRENT SITUATION</u><br>peginning in the<br>major renovation<br>units do not mee<br>efficient living<br>deteriorated. Co<br>Plumbing and ligg<br>electrical system<br>protection is non-<br>stained, loose,<br>siding, and insu   | ndards.<br>T: 968UN<br>TIZE FAMILY<br>is project<br>and their<br>truction t<br>environme<br>housing st<br>cordance w<br>odern kitc<br>ior and ex<br>ions. Car<br>hborhood in<br>recreation<br>N: This p<br>early 194<br>and repaid<br>t the need<br>area. Ki<br>ounter top<br>hting fixt<br>ms which m<br>t provided<br>and mismat<br>lation req<br>backyard                                 | ADE<br>ADE<br>ADE<br>ADE<br>ADE<br>ADE<br>ADE<br>ADE  | QUATE: 3<br>T MISSION<br>provide<br>ioned at<br>afety coo<br>y, 174 r<br>its will<br>Family <b>H</b><br>, family<br>Living<br>street<br>required<br>and mode<br>s range<br>erioration<br>ilies, nu<br>cabinets<br>ained, at<br>rated and<br>ruction of<br>kitchens<br>availabit.<br>. The un<br>rements n  | 26UN<br>N)<br>modern and e<br>Maxwell AFF<br>des and to p<br>eplacement u<br>meet"whole<br>ousing Waste<br>room, bedro<br>units will k<br>parking will<br>and will ir<br>rnizes housi<br>from 30 to 6<br>on resulting<br>or do they p<br>s, and fixtu<br>nd separatin<br>d dated. So<br>codes. Groun<br>, and exteri<br>lity of orig<br>nits have in<br>eed renovati                                 | SUBSTANDA<br>afficient ho<br>a 114 units<br>provide a contrast<br>orovide a contrast<br>or Plan. Responded<br>to provide<br>and bath<br>the expanded<br>be provide<br>and bath<br>the expanded<br>be provide<br>and bath<br>the provide<br>and bath<br>the expanded<br>to provide<br>and bath<br>the provide<br>and the provide a moto<br>the pro | ARD: 288 UN<br>busing for<br>s will undergo<br>omfortable and<br>be constructed<br>dards and are<br>enovated housing<br>to meet current<br>ed where<br>scaping,<br>were constructed<br>age and requir<br>to use. These<br>bodern energy<br>solete and<br>seams.<br>b not have<br>rcuit interupted<br>s. Flooring is<br>tals. Windows,<br>twing space and   |  |
| 11. <b>REQUIREMENT</b><br><u>PROJECT:</u> PRIVAT<br><u>REQUIREMENT:</u> The<br><b>nilitary</b> members<br>improvement cons<br>appealing living<br>co meet current<br>programmed in acd<br>vill provide a me<br>vith ample inter<br>space authorizat<br>leficient. Neighthat<br>playgrounds and re-<br><u>CURRENT SITUATION</u><br>Deginning in the<br>major renovation<br>mits do not mee<br>sfficient living<br>deteriorated. Co<br>Plumbing and light<br>slectrical system<br>protection is non<br>stained, loose,<br>siding, and insu<br>storage area, no<br><u>IMPACT IF NOT PR</u><br>increasing operation | ndards.<br>T: 968UN<br>TZE FAMILY<br>is project<br>and their<br>truction t<br>environme<br>housing st<br>cordance w<br>odern kitc<br>ior and ex<br>ions. Car<br>horhood in<br>recreation<br>N: This p<br>early 194<br>and repaid<br>t the need<br>area. Ki<br>ounter top<br>hting fixt<br>ms which m<br>t provided<br>and mismat<br>lation req<br>backyard<br><u>OVIDED:</u> U<br>tions, mai | ADEQ<br>HOUSING (CURREN<br>is required to<br>dependents stat<br>o meet current s<br>nt. Additionall<br>andards. All un<br>tith the <b>Maxwell</b><br>hen, living room<br>terior storage.<br>garages and off<br>mprovements are<br>areas.<br>roject upgrades<br>0's. These home<br>r to correct det<br>s of today's fam<br>tchens, bathroom<br>s are warped, st<br>ures are deterio<br>to bathrooms,<br>ched due to non-<br>uire replacement | QUATE: 3<br>provide<br>ioned at<br>afety co<br>y, 174 r<br>its will<br>Family <b>E</b><br>, family <b>E</b><br>, fami | 26UN<br>N)<br>modern and e<br>Maxwell AFE<br>des and to p<br>eplacement u<br>meet"whole<br>ousing Waste<br>room, bedro<br>units will h<br>parking will<br>and will ir<br>rnizes housi<br>from 30 to 6<br>on resulting<br>or do they p<br>s, and fixtu<br>nd separatin<br>d dated. So<br>codes. Groun<br>, and exteri<br>lity of orig<br>nits have in<br>eed renovati<br>teriorate ra<br>s to the Gov | SUBSTANDA<br>efficient ho<br>a. 114 units<br>provide a co<br>nits will h<br>nouse" stand<br>r Plan. Re<br>om and bath<br>re expanded<br>be provide<br>clude lands<br>ung, which w<br>0 years of<br>from heavy<br>rovide a mo<br>res are obs<br>g from the<br>me units do<br>d fault cin<br>or circuits<br>inal materi<br>adequate li<br>on.<br>pidly resul   | ARD: 288 UN<br>ousing for<br>s will undergo<br>omfortable and<br>be constructed<br>dards and are<br>enovated housin<br>n configuration<br>to meet curren<br>ed where<br>scaping,<br>were constructed<br>age and requir<br>use. These<br>odern energy<br>solete and<br>seams.<br>o not have<br>rcuit interupted<br>s. Flooring is<br>tals. Windows,<br>tving space and<br>tting in<br>d inconvenience |  |

| 1. COMPONENT      | FY 2003 MILITARY   | DATA 2. DATE |               |  |  |  |
|-------------------|--|--------------|---------------|--|--|--|
| AIR FORCE         | (computer generated)   |              |               |  |  |  |
| 3. INSTALLATION   | AND LOCATION 4. PROJECT TITLE                                |              |               |  |  |  |
| MAXWELL AIR FORCE | E BASE, ALABAMA  | PRIVATIZE F2 | AMILY HOUSING |  |  |  |
| 5. PROGRAM ELEME  | ENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$00 |              |               |  |  |  |
| 88742             | 711-142  | PNQS044530   | 0             |  |  |  |

**maintenance** issue for the Air Force with little or no improvement in the quality of lifs tor its personnel.

NORK ACCOMPLISHED IN PREVIOUS THREE YEARS: NONE

#### WORK PROGRAMMED FOR NEXT THREE YEARS: NONE

4DDITIONAL: The installation commander agreed these units are severable according to the criteria contained in the 2000 Maxwell AFB Housing Master Plan. This project contains no resale merchandise, services or commercial recreation operations or activities IAW the SAP/WI Housing Privatization Interim Operating Instructions memo iated 2 WAR 99 and AF/IL memo regarding coordination with AAFES, DECA, MWR Board dated 19 Mar 99. A viable proforma and a preliminary economic analysis will be developed and provided during the concept approval process, and a certified economic analysis will be accomplished prior to completion of the solicitation process. The local school authority indicates a capability exists to accept the increased student population generated by this project. Base Civil Engineer: Lt Col Wilfred Cassidy, (334) 953-6945.

| 1. COMPONENT  |                           | FY 2003 MILITARY                               | CONST  | RUCT  | ION PROJE  | CT DATA        | 2. DATE          |
|---|---------------------------|--|--------|-------|------------|----------------|------------------|
| AIR FORCE   | (computer generated)      |  |        |       |            |                |                  |
| 3. INSTALLATION   | I AND                     | LOCATION                                       |        |       | 4. PROJEC  | T TITLE        |                  |
| ELMENDORF AIR F   | ORCE                      | BASE, ALASKA                                   |        |       | IMPROVE F  | AMILY HOUSING  | <b>9, PH</b> 11  |
| 5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$ |                           |  |        |       |            |                | CT COST (\$000)  |
| 88742   | 711-111 PXSB034403 26,927 |  |        |       |            |                | 26,927           |
| 9. COST ESTIMATES   |                           |  |        |       |            |                |                  |
|   |                           | ITEM   |        | ע/ע   | OUANTITY   | UNIT           | COST             |
| IMPROVE FAMILY  | HOUSI                     | NG   |        | UN    | 19:        | 115,073        | 22,094           |
| 3DPPORTING FACING   | LITIE                     | 3  |        |       |            |                | 2,804            |
| UTILITIES   |                           |  |        | LS    |            |                | ( 500:           |
| PAVEMENTS   |                           |  |        | LS    |            |                | ( 1,000:         |
| DEMOLITION  |                           |  |        | UN    | 26         | 13,500         | ( 3511           |
| LANDSCAPING   |                           |  |        | LS    |            | ,              | ( 4001           |
| RECREATION FAC  | ILITI                     | ES   |        | LS    |            |                | (136)            |
| SITE PREPARATIO   |                           |  |        | LS    |            |                | ( 4171           |
| SWTOTAL   |                           |  |        |       |            |                | 24,898           |
|   | (5%)                      |  |        |       |            |                | 1,245            |
| TOTAL CONTRACT  | ,                         |  |        |       |            |                | 26,143           |
|   |                           | ON AND OVERHEAD (3                             | 0. )   |       |            |                | 784              |
| TOTAL REQUEST   | PECII                     | ON AND <b>OVERHEAD</b> (3)                     | 6)     |       |            |                | 26,927           |
| AREA COST FACTOR  |                           |  | 1.59   |       |            |                | 20,927           |
| EFFECTIVE STATUT  |                           | TNTD   | 1.59   |       |            |                |                  |
| NOST EXPENSIVE U  |                           |  | 0,000  |       |            |                |                  |
|   |                           |  |        | 2 fa  | mily bougi | ng unite wi    | th all necessary |
| · · · · · ·   |                           | ing facilities. Pro                            |        |       | -          | -              | -                |
|   |                           | y upgrades and addit.                          | -      |       |            |                | Upgrades         |
|   | -                         | improves floor plans                           | -      |       |            |                | -                |
| garages, playgrou   | unds                      | and recreation areas                           | . In   | clude | es asbesto | s and lead pa  | aint removal.    |
| 11. REQUIREMEN  | T: 1,                     | 867 UN ADE                                     | QUATE  | : 1,  | 114 UN     | SUBSTANDA      | ARD: 652 UN      |
|   |                           | ily Housing, Phase 1                           | -      |       |            |                |                  |
| CGO/4BR to 36 JN<br>4LO CGO/4BR units                                     | -                         | <b>3R</b> and 76 <b>JNCO/3BR</b> to            | 5 76 L | INCO/ | 2BR and in | mproves 40 JNC | CO/3BR units and |
| •   |                           | oject is required to                           | Drow   | ide : | nodern and | l efficient h  | ousing for       |
|   | _                         | their dependents sta                           | -      |       |            |                | -                |
| -   |                           | ent life safety code                           |        |       |            |                | -                |
| -   |                           | All units will meet                            |        |       |            |                |                  |
|   |                           | ing room, family room                          |        |       |            |                |                  |
|   |                           | storage. The numbe                             |        |       |            | -              |                  |
|   |                           | st recent housing mar<br>arage and exterior pa |        |       |            |                |                  |
| -   | -                         | ate support infrastru                          |        | -     |            |                |                  |
| CURRENT SITUATIO  | _                         | he units are 36-59 y                           |        |       |            |                | vated since      |
| construction. G   | arage                     | s are mainly detached                          | d "ga  | ng' g | garages, i | n poor condit  | tion. Bulk       |
| -   |                           | Rooms are undersized                           | -      | -     | -          |                | -                |
| -   |                           | nt, and often unsafe<br>al systems are deter   |        |       |            | -              |                  |
| rumprug and ele   | GULIC                     | ar systems are deter.                          | Torac  |       |            | meet current   |                  |
|   |                           | Drawi aug. adi                                 |        |       |            |                | Dago No          |

DD FORM 1391, DEC 76 Previous editions are obsolete.

| 1. COMPONENT     | FY 2003 MILITARY C                         | DATA 2. DATE                             |                    |  |  |  |
|------------------|--|--|--------------------|--|--|--|
| AIR FORCE        | (computer generated)                       |  |                    |  |  |  |
| 3. INSTALLATION  | INSTALLATION AND LOCATION 4. PROJECT TITLE |  |                    |  |  |  |
| ELMENDORF AIR FO | RCE BASE, ALASKA                           | IMPROVE FAM                              | ILY HOUSING, PH 11 |  |  |  |
| 5. PROGRAM ELEME | INT 6. CATEGORY CODE                       | 7. PROJECT NUMBER 8. PROJECT COST (\$000 |                    |  |  |  |
| 88742            | 711-111                                    | FXSB034403                               | 26,927             |  |  |  |

**efficiency** and safety. Playgrounds, parking areas, and landscaping are inadequate to **ionexistent**. There is no sense of community or home.

**IMPACT** IF NOT PROVIDED: Unrenovated, these housing units will continue to deteriorate. Maintenance, repair, and operations costs to the government and inconvenience to the residents will increase. Repair of the units will continue in a costly, piecemeal Eashion with little/no improvement in living quality. Quality of life, morale, and retention will be affected.

**YORK** ACCOMPLISHED IN **PREVIOUS THREE YEARS:** Replace Roofs - \$250K

#### **YORK PROGRAMMED** FOR NEXT THREE YEARS: None

**ADDITIONAL:** This project meets the criteria specified in Part II of Military Handbook 1190, Facility Planning and Design Guide". An economic analysis has been prepared comparing the alternatives of new construction, acquisition, and status quo operation. Phe improvement was found to the most cost effective option. The cost to improve these **units** is 37% of the replacement cost. Base Civil Engineer: **Col** Duncan H. Showers, DSN 552-3007.

#### BASE CIVIL ENGINEER: SHOWERS

| AIR FORCE  | (compu   | ter <b>gener</b>  | ated)   |  |   |
|--|--|---|---|--|---|
| 3. INSTALLATION AND  | LOCATION   |   | 4. PROJECT  | TITLE  |   |
| USAF ACADEMY, COLORA   | ADO  |   | IMPROVE FAM   | ILY HOUSING  | , PHASE 1   |
| 5. PROGRAM ELEMENT   | 6. CATEGORY CODE   | 7. PROJ   | IECT NUMBER   | 8. PROJEC  | T COST (\$000)  |
| 88746  | 711-111  | XQP   | Z037226   |  | 6,466   |
|  | 9. COST  | STIMATES  | 5   |  |   |
|  | ITEM   | U/M   | QUANTITY  | UNIT   | COST  |
| IMPROVE MILITARY FAM<br>SUPPORTING FACILITIE   | ILY HOUSING, PHASE 1<br>S  | UN  | 6(  | 90,587   | 5,979   |
| SUBTOTAL   |  |   |   |  | 5,979   |
|  |  |   |   |  | -   |
| CONTINGENCY (5%)   |  |   |   | F  | 299   |
| IOTAL CONTRACT COST  |  |   |   |  | 6,278   |
| SUPERVISION, INSPECT:  | ION AND OVERHEAD (3%   | 5)  |   | ļ  | 188   |
| FOTAL REQUEST  |  |   |   |  | 6,466   |
| REA COST FACTOR  |  | 1.03  |   |  |   |
| EFFECTIVE STATUTORY  | LIMIT  | 0   |   |  |   |
| OST EXPENSIVE UNIT   | 137  | ,000  |   |  |   |
|  | ty upgrades, and addit<br>and floor coverings.   | ions to   | meet current<br>s electrical  | standards.<br>1, plumbing  | Renovates   |
| modernization, utilit<br>kitchens, bathrooms,<br>systems.  | ty upgrades, and addit<br>and floor coverings.   | ions to<br>Upgrade  | meet current<br>s electrical  | standards.<br>1, plumbing  | Renovates<br>and lighting   |
| <pre>nodernization, utilit<br/>kitchens, bathrooms,<br/>systems.<br/>11. REQUIREMENT: 1</pre>  | ty upgrades, and addit<br>and floor coverings.   | Upgrade   | meet current<br>s electrical<br>33 UN   | standards.<br>1, plumbing  | Renovates<br>and lighting   |
| nodernization, utilit<br>citchens, bathrooms,<br>systems.<br>11. REQUIREMENT: 1<br><u>PROJECT:</u> Improve Mili<br><u>REQUIREMENT:</u> This p  | ty upgrades, and addit         and floor coverings.         ,243 UN         ADE         itary Family Housing,         roject provides modern   | Upgrade<br>Upgrade<br>QUATE: 33<br>Phase 1<br>and eff:  | meet current<br>s electrical<br>33 UN<br>•<br>icient housi  | standards.<br>, plumbing<br>SUBSTAND2<br>ng for memb   | Renovates<br>and lighting<br>ARD: 910 UN  |
| nodernization, utilit<br>kitchens, bathrooms,<br>systems.<br>11. REQUIREMENT: 1<br>PROJECT: Improve Mili<br>REQUIREMENT: This pr<br>families at the Unit   | ty upgrades, and addit<br>and floor coverings.<br>,243UN ADE<br>tary Family Housing,<br>roject provides modern<br>red States Air Force Ad  | Upgrade<br>QUATE: 33<br>Phase 1<br>and eff:<br>ademy. A   | meet current<br>s electrical<br>33 UN<br>•<br>icient housi<br>11 units wi   | standards.<br>, plumbing<br>SUBSTANDA<br>ng for memb<br>ll meet who  | Renovates<br>and lighting<br>ARD: 910 UN<br>Ders and<br>le house  |
| nodernization, utilit<br>kitchens, bathrooms,<br>systems.<br>11. REQUIREMENT: 1<br><u>PROJECT:</u> Improve Mili<br><u>REQUIREMENT:</u> This pr<br>families at the Unit<br>standards and are pr   | ty upgrades, and addit<br>and floor coverings.<br>,243UN ADE<br>itary Family Housing,<br>roject provides modern<br>red States Air Force Ac<br>ogrammed in accordance   | Upgrade<br>Upgrade<br>QUATE: 3:<br>Phase 1<br>and eff:<br>ademy. A  | meet current<br>s electrical<br>33 UN<br>•<br>icient housi<br>11 units wi<br>e Housing Co   | standards.<br>, plumbing<br>SUBSTAND<br>ng for memb<br>ll meet who<br>mmunity Pro  | Renovates<br>and lighting<br>ARD: <b>910 UN</b><br>Ders and<br>le house<br>ofile. The new   |
| nodernization, utilit<br>kitchens, bathrooms,<br>systems.<br>11. REQUIREMENT: 1<br>PROJECT: Improve Mili<br>REQUIREMENT: This provide<br>families at the Unit<br>standards and are pro-<br>nousing will provide  | ty upgrades, and addit<br>and floor coverings.<br>,243UN ADE<br>tary Family Housing,<br>roject provides modern<br>ed States Air Force Ac<br>ogrammed in accordance<br>amenities and space of   | Upgrade<br>Upgrade<br>QUATE: 33<br>Phase 1<br>and eff:<br>ademy. A<br>with th<br>use simil  | meet current<br>s electrical<br>33 UN<br>icient housi<br>11 units wii<br>e Housing Co<br>ar to housing  | standards.<br>, plumbing<br>SUBSTANDA<br>ng for memb<br>ll meet who<br>ommunity Pro<br>ng available  | Renovates<br>and lighting<br>ARD: 910 UN<br>Ders and<br>le house<br>ofile. The new<br>e in the off-   |
| anodernization, utilit<br>sitchens, bathrooms,<br>systems.<br>11. REQUIREMENT: 1<br>PROJECT: Improve Mili<br>REQUIREMENT: This pro-<br>samilies at the Unit<br>standards and are pro-<br>housing will provide<br>base <b>community.</b> This   | ADE<br>ADE<br>ADE<br>ADE<br>ADE<br>ADE<br>ADE<br>ADE   | Upgrade<br>Upgrade<br>QUATE: 33<br>Phase 1<br>and eff:<br>ademy. A<br>with th<br>use simil<br>of the ho   | meet current<br>s electrical<br>33 UN<br>icient housi<br>ll units wil<br>e Housing Co<br>.ar to housin<br>using improv  | standards.<br>, plumbing<br>SUBSTANDA<br>ng for memb<br>ll meet who<br>ommunity Pro<br>og available<br>rement plan   | Renovates<br>and lighting<br>ARD: 910 UN<br>Ders and<br>le house<br>ofile. The new<br>e in the off-<br>for the  |
| nodernization, utilit<br>xitchens, bathrooms,<br>systems.<br>11. REQUIREMENT: 1<br><u>PROJECT:</u> Improve Mili<br><u>REQUIREMENT:</u> This pro-<br>families at the Unit<br>standards and are pro-<br>housing will provide<br>base community. This<br>Academy. Sixty-six u   | ty upgrades, and addit<br>and floor coverings.<br>,243UN ADE<br>tary Family Housing,<br>roject provides modern<br>ed States Air Force Ac<br>ogrammed in accordance<br>amenities and space of   | QUATE: 33<br>Phase 1<br>and eff:<br>ademy. A<br>with th<br>use simil<br>of the ho<br>are sch  | meet current<br>s electrical<br>33 UN<br>icient housi<br>11 units wil<br>e Housing Co<br>ar to housin<br>using improv<br>eduled for i   | standards.<br>, plumbing<br>SUBSTANDA<br>ng for memb<br>ll meet who<br>ommunity Pro-<br>ng available<br>rement plan<br>mprovement  | Renovates<br>and lighting<br>ARD: 910 UN<br>Ders and<br>le house<br>ofile. The new<br>e in the off-<br>for the<br>in this phase.  |
| anodernization, utilit<br>sitchens, bathrooms,<br>systems.<br>11. REQUIREMENT: 1<br><u>PROJECT:</u> Improve Mili<br><u>REQUIREMENT:</u> This pro-<br>tamilies at the Unit<br>standards and are pro-<br>housing will provide<br>base <b>community</b> . This<br>academy. Sixty-six u<br>others will follow in   | ,243 UN ADE<br>tary Family Housing,<br>roject provides modern<br>amenities and space of<br>amenities of 381 necessary  | QUATE: 33<br>Phase 1<br>and eff:<br>ademy. A<br>with th<br>use simil<br>of the ho<br>are sch<br>The impr  | meet current<br>s electrical<br>33 UN<br>icient housi<br>11 units wij<br>e Housing Co<br>ar to housin<br>using improv<br>eduled for i<br>oved housing   | standards.<br>, plumbing<br>SUBSTANDA<br>ng for memb<br>ll meet who<br>ommunity Pro-<br>ng available<br>rement plan<br>mprovement<br>will provi  | Renovates<br>and lighting<br>ARD: 910 UN<br>Ders and<br>le house<br>ofile. The new<br>e in the off-<br>for the<br>in this phase.<br>ide a modern  |
| anodernization, utilit<br>ritchens, bathrooms,<br>systems.   | A provides, and addited<br>and floor coverings.<br>A provides modern<br>and states Air Force Action<br>or and states Air Force Action<br>or anities and space of<br>a sis the first phase of<br>anits of 381 necessary<br>n subsequent phases.<br>s, bedroom and bath contained<br>and states.   | QUATE: 33<br>Phase 1<br>and eff:<br>addemy. A<br>with th<br>use simil<br>of the ho<br>are sch<br>The impr<br>onfigurat<br>arking w  | meet current<br>s electrical<br>33 UN<br>icient housi<br>11 units wi<br>e Housing Co<br>ar to housing<br>using improv<br>eduled for i<br>oved housing<br>ions with an<br>vill be prov   | standards.<br>sUBSTAND2<br>ng for memb<br>ll meet who<br>ommunity Pro-<br>ng available<br>rement plan<br>mprovement<br>will provi<br>nple interio<br>rided for a   | Renovates<br>and lighting<br>ARD: 910 UN<br>Deers and<br>de house<br>offile. The new<br>e in the off-<br>for the<br>in this phase.<br>ide a modern<br>or and exterior<br>second   |
| anodernization, utilit<br>ritchens, bathrooms,<br>systems.   | Additional and floor coverings.<br>Additional and floor      | 2UATE: 33<br>Phase 1<br>and eff:<br>ademy. A<br>with th<br>use simil<br>of the ho<br>are sch<br>The impr<br>onfigurat<br>arking w   | meet current<br>s electrical<br>33 UN<br>icient housi<br>11 units will<br>e Housing Co<br>ar to housing<br>using improv<br>eduled for i<br>oved housing<br>ions with an<br>vill be prov<br>od support i   | standards.<br>sUBSTANDA<br>sUBSTANDA<br>ng for memb<br>ll meet who<br>ommunity Pro-<br>ng available<br>rement plan<br>mprovement<br>will provi<br>nple interio<br>rided for a<br>infrastructu  | Renovates<br>and lighting<br>ARD: 910 UN<br>Deers and<br>le house<br>offile. The new<br>in the off-<br>for the<br>in this phase.<br>ide a modern<br>or and exterior<br>second<br>re will be   |
| anodernization, utilit<br>citchens, bathrooms,<br>systems.<br>11. REQUIREMENT: 1<br>PROJECT: Improve Mili<br>REQUIREMENT: This pro-<br>camilies at the Unit<br>standards and are pro-<br>housing will provide<br>base community. This<br>cademy. Sixty-six use<br>base vill follow in<br>citchen, living areas<br>storage and a single<br>baccupant vehicle and<br>apgraded to meet mode   | Additional and floor coverings.<br>Additional floor covering floor f | 2UATE: 33<br>Phase 1<br>and eff:<br>ademy. A<br>with th<br>use simil<br>of the ho<br>are sch<br>The impr<br>onfigurat<br>arking w   | meet current<br>s electrical<br>33 UN<br>icient housi<br>11 units will<br>e Housing Co<br>ar to housing<br>using improv<br>eduled for i<br>oved housing<br>ions with an<br>vill be prov<br>od support i   | standards.<br>sUBSTANDA<br>sUBSTANDA<br>ng for memb<br>ll meet who<br>ommunity Pro-<br>ng available<br>rement plan<br>mprovement<br>will provi<br>nple interio<br>rided for a<br>infrastructu  | Renovates<br>and lighting<br>ARD: 910 UN<br>Deers and<br>le house<br>offile. The new<br>in the off-<br>for the<br>in this phase.<br>ide a modern<br>or and exterior<br>second<br>re will be   |
| anodernization, utility<br>sitchens, bathrooms,<br>systems.  | ADE  | QUATE: 33<br>Phase 1<br>and eff:<br>ademy. A<br>with th<br>use simil<br>of the ho<br>are sch<br>The impr<br>onfigurat<br>arking w<br>eighborho  | meet current<br>s electrical<br>33 UN<br>icient housi<br>ll units will<br>e Housing Co<br>ar to housing<br>using improv<br>eduled for i<br>oved housing<br>ions with an<br>vill be prov<br>od support i<br>od improveme   | standards.<br>, plumbing<br>SUBSTANDA<br>ng for memb<br>ll meet who<br>ommunity Pro-<br>ng available<br>rement plan<br>mprovement<br>will provi<br>aple interior<br>rided for a<br>infrastructu  | Renovates<br>and lighting<br>ARD: 910 UN<br>Ders and<br>le house<br>ofile. The new<br>e in the off-<br>for the<br>in this phase.<br>ide a modern<br>or and exterior<br>second<br>re will be<br>nclude trail   |
| andernization, utilit<br>itchens, bathrooms,<br>systems.<br>II. REQUIREMENT: 1<br>REQUIREMENT: 1<br>REQUIREMENT: This pro-<br>samilies at the Unit<br>standards and are pro-<br>tousing will provide<br>base community. This<br>academy. Sixty-six us<br>others will follow in<br>stitchen, living areas<br>storage and a single<br>occupant vehicle and<br>upgraded to meet mode<br>systems, landscaping,<br>CURRENT SITUATION:   | ADE  | QUATE: 33<br>Phase 1<br>Phase 1<br>and eff:<br>ademy. A<br>with th<br>use simil<br>of the ho<br>are sch<br>The impr<br>onfigurat<br>arking w<br>eighborho<br>bousing o  | meet current<br>s electrical<br>33 UN<br>icient housi<br>11 units wii<br>e Housing Co<br>ar to housing<br>using improv<br>eduled for i<br>oved housing<br>ions with an<br>vill be prov<br>od support i<br>od improvement<br>constructed   | standards.<br>, plumbing<br>SUBSTANDA<br>ng for memb<br>ll meet who<br>ommunity Pro-<br>ng available<br>rement plan<br>mprovement<br>will provi<br>uple interior<br>rided for a<br>infrastructu  | Renovates<br>and lighting<br>ARD: 910 UN<br>Ders and<br>le house<br>ofile. The new<br>e in the off-<br>for the<br>in this phase.<br>Ide a modern<br>or and exterior<br>second<br>re will be<br>holude trail<br>Chese houses ar  |
| and dernization, utility<br>sitchens, bathrooms,<br>systems.   | ADE  | QUATE: 33<br>Phase 1<br>Phase 1<br>and eff:<br>ademy. A<br>with th<br>use simil<br>of the ho<br>are sch<br>The impr<br>onfigurat<br>arking w<br>eighborho<br>bighborho<br>housing of<br>They ha   | meet current<br>s electrical<br>33 UN<br>icient housi<br>11 units wii<br>e Housing Co<br>ar to housing<br>using improv<br>eduled for i<br>oved housing<br>ions with an<br>vill be prov<br>od support i<br>od improvement<br>constructed<br>ve not recei   | standards.<br>SUBSTANDA<br>SUBSTANDA<br>ng for memb<br>ll meet who<br>ommunity Pro-<br>ng available<br>rement plan<br>mprovement<br>y will provide<br>ple interior<br>rided for a<br>infrastructu<br>ents will in<br>in 1959. The<br>lived major of  | Renovates<br>and lighting<br>ARD: 910 UN<br>Ders and<br>le house<br>ofile. The new<br>e in the off-<br>for the<br>in this phase.<br>Ide a modern<br>or and exterior<br>second<br>re will be<br>holude trail<br>These houses ar<br>upgrades since  |
| andernization, utilit<br>itchens, bathrooms,<br>systems.   | ADE  | QUATE: 33<br>Phase 1<br>Phase 1<br>and eff:<br>ademy. A<br>with th<br>use simil<br>of the ho<br>are sch<br>The impr<br>onfigurat<br>arking w<br>eighborho<br>sighborho<br>housing o<br>They ha<br>ng needs  | meet current<br>s electrical<br>33 UN<br>icient housi<br>11 units wi<br>e Housing Co<br>ar to housing<br>using improv<br>eduled for i<br>oved housing<br>ions with an<br>vill be prov<br>od support i<br>od support i<br>od improveme<br>constructed<br>ve not recei<br>. All house   | standards.<br>substandards.<br>substanda<br>substanda<br>ng for memb<br>ll meet who<br>ommunity Pro-<br>ng available<br>rement plan<br>mprovement<br>will provi<br>ople interior<br>rided for a<br>infrastructu<br>ents will in<br>in 1959. To<br>ved major to<br>a infrastructu   | Renovates<br>and lighting<br>ARD: 910 UN<br>Ders and<br>de house<br>offile. The new<br>e in the off-<br>for the<br>in this phase.<br>ide a modern<br>or and exterior<br>second<br>re will be<br>holude trail<br>Chese houses ar<br>upgrades since<br>sture systems  |
| and dernization, utility<br>itchens, bathrooms,<br>systems.  | ADE  | QUATE: 33<br>Phase 1<br>Phase 1<br>and eff:<br>ademy. A<br>with th<br>use simil<br>of the ho<br>are sch<br>The impr<br>onfigurat<br>arking w<br>aighborho<br>dighborho<br>housing of<br>They ha<br>ng needs<br>their a  | meet current<br>s electrical<br>33 UN<br>icient housi<br>ll units wi<br>e Housing Co<br>ar to housing<br>using improv<br>eduled for i<br>oved housing<br>ions with an<br>vill be prov<br>od support i<br>od improveme<br>constructed<br>ve not recei<br>. All house<br>ge and effec   | standards.<br>SUBSTANDA<br>SUBSTANDA<br>ng for memk<br>ll meet who<br>memunity Pro-<br>ng available<br>rement plan<br>mprovement<br>will provi<br>ngle interior<br>rided for a<br>infrastructu<br>ents will in<br>in 1959. The<br>infrastructu<br>a infrastructu<br>to of an al  | Renovates<br>and lighting<br>ARD: 910 UN<br>Ders and<br>de house<br>offile. The new<br>e in the off-<br>for the<br>in this phase.<br>ide a modern<br>or and exterior<br>second<br>re will be<br>holude trail<br>Chese houses ar<br>upgrades since<br>sture systems  |
| andernization, utilit<br>itchens, bathrooms,<br>systems.<br>11. REQUIREMENT: 1<br>PROJECT: Improve Mili<br>REQUIREMENT: This pro-<br>families at the Unit<br>standards and are pro-<br>housing will provide<br>base community. This<br>cademy. Sixty-six use<br>base community. This<br>itchen, living areas<br>storage and a single<br>base community areas<br>storage and a single<br>base common areas<br>storage and a single<br>base construction and do a<br>require major repair<br>environment. Insulat  | Additional and floor coverings.<br>Additional floor floo | QUATE: 33<br>Phase 1<br>and eff:<br>ademy. A<br>with th<br>use simil<br>of the ho<br>are sch<br>The impr<br>onfigurat<br>arking w<br>eighborho<br>bighborho<br>housing o<br>They ha<br>ng needs<br>their a<br>substanda<br>plumbing   | meet current<br>s electrical<br>33 UN<br>icient housi<br>11 units will<br>e Housing Co<br>ar to housing<br>using improve<br>eduled for i<br>oved housing<br>ions with an<br>vill be prov<br>od support i<br>od improveme<br>constructed<br>ve not recei<br>. All house<br>ge and effec<br>rd. Basemen   | standards.<br>SUBSTANDA<br>SUBSTANDA<br>ng for memb<br>ll meet who<br>ommunity Pro-<br>ng available<br>rement plan<br>mprovement<br>y will provi<br>nple interior<br>infrastructu<br>onts will in<br>in 1959. To<br>ived major to<br>i infrastruct<br>ts of an al<br>t leaks and<br>substandard  | Renovates<br>and lighting<br>ARD: 910 UN<br>Ders and<br>de house<br>ofile. The new<br>a in the off-<br>for the<br>in this phase.<br>ide a modern<br>or and exterior<br>second<br>re will be<br>aclude trail<br>Chese houses are<br>upgrades since<br>sture systems<br>pine<br>d foundation<br>. The interio   |
| anodernization, utilit<br>citchens, bathrooms,<br>systems.<br>11. REQUIREMENT: 1<br><u>PROJECT:</u> Improve Mili<br><u>REQUIREMENT:</u> This pro-<br>tamilies at the Unit<br>standards and are pro-<br>housing will provide<br>base community. This<br>academy. Sixty-six of<br>bacademy. Sixty-six of<br>bacade                   | A states and states and states and floor coverings.<br>A stary Family Housing,<br>roject provides modern<br>and floor coverings.<br>A stary Family Housing,<br>roject provides modern<br>and States Air Force Ac<br>ogrammed in accordance<br>amenities and space of<br>a sis the first phase of<br>anits of 381 necessary<br>n subsequent phases.<br>Is, bedroom and bath co<br>car garage. Exterior p<br>guests. The basic nu-<br>ern housing needs. Ne<br>and playgrounds.<br>This project improves<br>of heavy use and age.<br>not meet current housi<br>or replacement due to<br>tion in all units is a<br>The electrical and p<br>not adequate by today  | 2UATE: 33<br>Phase 1<br>and eff:<br>ademy. A<br>with th<br>use simil<br>of the ho<br>are sch<br>The impr<br>onfigurat<br>arking w<br>eighborho<br>bighborho<br>housing of<br>They ha<br>ng needs<br>their a<br>substanda<br>olumbing<br>'s housi                                    | meet current<br>s electrical<br>33 UN<br>icient housi<br>11 units will<br>e Housing Co<br>ar to housing<br>using improve<br>eduled for i<br>oved housing<br>ions with an<br>vill be prov<br>od support i<br>od improveme<br>constructed<br>ve not recei<br>. All house<br>ge and effec<br>rd. Basemen<br>systems are<br>ng standards  | standards.<br>SUBSTANDA<br>SUBSTANDA<br>ng for memb<br>ll meet who<br>ommunity Pro-<br>ng available<br>rement plan<br>mprovement<br>g will provi<br>ngle interior<br>infrastructu<br>ents will in<br>in 1959. The<br>lived major was<br>substandard<br>. Bedrooms  | Renovates<br>and lighting<br>ARD: 910 UN<br>bers and<br>ble house<br>ofile. The new<br>in the off-<br>for the<br>in this phase.<br>ide a modern<br>or and exterior<br>second<br>re will be<br>holude trail<br>Chese houses ar-<br>upgrades since<br>ture systems<br>pine<br>d foundation<br>. The interio<br>and baths are  |
| anodernization, utilit<br>citchens, bathrooms,<br>systems.<br>11. REQUIREMENT: 1<br>PROJECT: Improve Milit<br>REQUIREMENT: This pro-<br>camilies at the Unit<br>standards and are pro-<br>housing will provide<br>base community. This<br>cademy. Sixty-six un<br>base community. This<br>academy. Sixty-six un<br>base community. This<br>construction and a single<br>base community areas<br>storage and a single<br>base community areas<br>storage and a single<br>base community areas<br>storage and a single<br>base community. This<br>current vehicle and<br>appraded to meet mode<br>systems, landscaping,<br><u>CURRENT SITUATION: Sister</u><br>showing the effects of<br>construction and do pro-<br>require major repair<br>environment. Insulat<br>cailures are common.<br>spaces and layout is<br>small, outdated, lac  | A states and space of a states and playgrounds.<br>A stary Family Housing,<br>roject provides modern<br>and floor coverings.<br>A stary Family Housing,<br>roject provides modern<br>and States Air Force Ac<br>ogrammed in accordance<br>amenities and space of<br>s is the first phase of<br>anits of 381 necessary<br>n subsequent phases.<br>S, bedroom and bath co<br>car garage. Exterior p<br>guests. The basic nu-<br>ern housing needs. Ne<br>and playgrounds.<br>This project improves<br>of heavy use and age.<br>not meet current housi<br>or replacement due to<br>cion in all units is a<br>The electrical and p<br>not adequate by today<br>k adequate storage and  | QUATE: 33<br>Phase 1<br>and eff:<br>ademy. A<br>with th<br>use simil<br>of the ho<br>are sch<br>The impr<br>onfigurat<br>arking w<br>eighborho<br>housing of<br>They ha<br>ng needs<br>their a<br>substanda<br>olumbing<br>'s housi<br>d are gene                                   | meet current<br>s electrical<br>33 UN<br>icient housi<br>11 units will<br>e Housing Co<br>ar to housing<br>using improve<br>eduled for i<br>oved housing<br>ions with an<br>will be prov<br>od support i<br>od improveme<br>constructed<br>ve not recei<br>. All house<br>ge and effec<br>rd. Basemen<br>systems are<br>ng standards<br>erally ineff                                | standards.<br>SUBSTANDA<br>SUBSTANDA<br>ng for memb<br>ll meet who<br>ommunity Pro-<br>ng available<br>rement plan<br>mprovement<br>y will provi<br>ngle interior<br>rided for a<br>infrastructu<br>ents will in<br>in 1959. The<br>lived major was<br>a infrastructu<br>ts of an all<br>t leaks and<br>substandard<br>. Bedrooms<br>iciently la | Renovates<br>and lighting<br>ARD: 910 UN<br>Ders and<br>de house<br>offile. The new<br>e in the off-<br>for the<br>in this phase.<br>ide a modern<br>or and exterior<br>second<br>re will be<br>holude trail<br>Chese houses are<br>upgrades since<br>sture systems<br>pine<br>d foundation<br>. The interio<br>and baths are<br>id out for   |
| nodernization, utilit<br>stitchens, bathrooms,<br>systems.<br>11. REQUIREMENT: 1<br>PROJECT: Improve Mili<br>REQUIREMENT: This pro-<br>families at the Unit<br>standards and are pro-<br>housing will provide<br>base community. This<br>academy. Sixty-six will<br>base community. This                             | A states and additional and floor coverings.<br>A stary Family Housing,<br>roject provides moderned<br>and states Air Force Action<br>ogrammed in accordance<br>amenities and space of<br>s is the first phase of<br>mits of 381 necessary<br>n subsequent phases.<br>s, bedroom and bath con-<br>car garage. Exterior pro-<br>guests. The basic ne-<br>ern housing needs. Ne-<br>and playgrounds.<br>This project improves and<br>or replacement due to<br>tion in all units is a<br>The electrical and pro-<br>not adequate by today<br>k adequate storage and<br>tion. Some asbestos a  | 2UATE: 33<br>Phase 1<br>and eff:<br>ademy. A<br>with th<br>use simil<br>of the ho<br>are sch<br>The impr<br>onfigurat<br>arking w<br>eighborho<br>housing of<br>They ha<br>ng needs<br>their a<br>substanda<br>plumbing<br>r's housi<br>d are gene<br>nd lead                       | meet current<br>s electrical<br>33 UN<br>icient housi<br>ll units will<br>e Housing Co<br>ar to housing<br>using improve<br>eduled for i<br>oved housing<br>ions with an<br>vill be prov<br>od support i<br>od improveme<br>constructed<br>ve not recei<br>. All house<br>ge and effec<br>rd. Basemen<br>systems are<br>ng standards<br>erally ineff<br>based paint                 | standards.<br>SUBSTANDA<br>SUBSTANDA<br>ng for memb<br>ll meet who<br>ommunity Pro-<br>ng available<br>rement plan<br>mprovement<br>y will provide<br>infrastructur<br>in 1959. The<br>infrastructur<br>to of an all<br>t leaks and<br>substandard<br>. Bedrooms<br>iciently la<br>is present  | Renovates<br>and lighting<br>ARD: 910 UN<br>Ders and<br>ble house<br>ofile. The new<br>in the off-<br>for the<br>in this phase.<br>Ide a modern<br>or and exterior<br>second<br>re will be<br>holude trail<br>Chese houses are<br>upgrades since<br>sture systems<br>lpine<br>d foundation<br>1. The interior<br>and baths are<br>id out for<br>in the units.                                 |
| nodernization, utilit<br>citchens, bathrooms,<br>systems.<br>11. REQUIREMENT: 1<br>PROJECT: Improve Mili<br>REQUIREMENT: This pro-<br>families at the Unit<br>standards and are pro-<br>housing will provide<br>base community. This<br>cademy. Sixty-six use<br>base community. This<br>construction and a single<br>base community areas<br>storage and a single<br>base common. Insulat<br>tailures are common.<br>spaces and layout is<br>small, outdated, lack<br>proper space utilizat<br>these substances have  | A states of the states of the states and playgrounds.<br>A state of the states of the st             | 2UATE: 33<br>Phase 1<br>and eff:<br>ademy. A<br>with th<br>use simil<br>of the ho<br>are sch<br>The impr<br>onfigurat<br>arking w<br>aighborho<br>housing of<br>They ha<br>ng needs<br>their a<br>substanda<br>olumbing<br>'s housi<br>d are gene<br>nd lead<br>ained, b            | meet current<br>s electrical<br>33 UN<br>icient housi<br>ll units will<br>e Housing Co<br>ar to housing<br>using improve<br>eduled for i<br>oved housing<br>ions with an<br>vill be prov<br>od support i<br>od improveme<br>constructed<br>ve not recei<br>. All house<br>ge and effec<br>rd. Basemen<br>systems are<br>ng standards<br>erally ineff<br>based paint<br>ut will have | standards.<br>SUBSTANDA<br>SUBSTANDA<br>ng for memb<br>ll meet who<br>ommunity Pro-<br>ng available<br>rement plan<br>mprovement<br>y will provi<br>ngle interior<br>infrastructu<br>ents will in<br>in 1959. The<br>infrastructu<br>ts of an all<br>t leaks and<br>substandard<br>. Bedrooms<br>iciently la<br>is present<br>a to be deal       | Renovates<br>and lighting<br>ARD: 910 UN<br>Ders and<br>ble house<br>offile. The new<br>in the off-<br>for the<br>in this phase.<br>ide a modern<br>or and exterior<br>is second<br>re will be<br>helude trail<br>Chese houses are<br>upgrades since<br>sture systems<br>lpine<br>d foundation<br>d. The interior<br>and baths are<br>id out for<br>in the units.                             |
| anodernization, utilit<br>anodernization, utilit<br>anodernization, utilit<br>anodernization, utilit<br>anodernization, bathrooms,<br>anodernization,<br>anodernization, and<br>another and another<br>another and another<br>another and another<br>another and another<br>another and another<br>another and another<br>another and a single<br>another another another<br>another another<br>another<br>another another<br>another another<br>another<br>another another<br>another<br>another another<br>another another<br>another<br>another another<br>another another<br>another<br>another another<br>another<br>another another<br>another<br>another<br>another<br>anoth | A states and additional and floor coverings.<br>A stary Family Housing,<br>roject provides moderned<br>and states Air Force Action<br>ogrammed in accordance<br>amenities and space of<br>s is the first phase of<br>mits of 381 necessary<br>n subsequent phases.<br>s, bedroom and bath con-<br>car garage. Exterior pro-<br>guests. The basic ne-<br>ern housing needs. Ne-<br>and playgrounds.<br>This project improves and<br>or replacement due to<br>tion in all units is a<br>The electrical and pro-<br>not adequate by today<br>k adequate storage and<br>tion. Some asbestos a  | 2UATE: 33<br>Phase 1<br>and eff:<br>ademy. A<br>with the<br>use simil<br>of the ho<br>are sch<br>The impr<br>configurat<br>arking weighborho<br>housing of<br>they ha<br>ng needs<br>their a<br>substanda<br>plumbing<br>'s housi<br>d are gene<br>nd lead<br>ained, b<br>Fround Fa | meet current<br>s electrical<br>33 UN<br>icient housi<br>ll units will<br>e Housing Co<br>ar to housing<br>ions with an<br>vill be prov<br>od support i<br>od improveme<br>constructed<br>ve not recei<br>. All house<br>ge and effec<br>rd. Basemen<br>systems are<br>ng standards<br>erally ineff<br>based paint<br>ut will have<br>uult Interrup                                 | standards.<br>SUBSTANDA<br>SUBSTANDA<br>ng for memb<br>ll meet who<br>ommunity Pro-<br>ng available<br>rement plan<br>mprovement<br>y will provide<br>rided for a<br>infrastructur<br>in 1959. The<br>infrastructur<br>to sof an all<br>t leaks and<br>substandard<br>. Bedrooms<br>iciently la<br>is present<br>a to be deal<br>over protect    | Renovates<br>and lighting<br>ARD: 910 UN<br>Ders and<br>ble house<br>ofile. The new<br>in the off-<br>for the<br>in this phase.<br>ide a modern<br>or and exterior<br>second<br>re will be<br>holude trail<br>Chese houses are<br>upgrades since<br>sture systems<br>pine<br>d foundation<br>1. The interio<br>and baths are<br>id out for<br>in the units.<br>It with upon<br>fion. The HVAC |

| <ol> <li>COMPONENT</li> </ol>                          | FY 2003 MILITARY CONSTRUCTION PROJECT DATA 2. DATE |                         |          |               |              |              |
|--|--|-------------------------|----------|---------------|--------------|--------------|
| AIR FORCE  | (computer generated)                               |                         |          |               |              |              |
| 3. INSTALLATION AND LOCATION 4. PROJECT TITLE          |  |                         |          |               |              |              |
| USAF ACADEMY, COLORADO IMPROVE FAMILY HOUSING, PHASE 1 |  |                         |          |               |              | PHASE 1      |
| 5. PROGRAM ELEM  | RAM ELEMENT 6. CATEGORY CODR 7. PRO                |                         |          |               | 8. PROJECT   | COST (\$000) |
| 88746  |  | 711-111                 | XQF      | 2037226       | ć            | 6,466        |
|  |  | Family housing wi       | 11       |               |              |              |
|  |  |                         |          |               |              | -            |
| -  | _  | rs to occur. The        | _        |               | -            | -            |
| _  |  | lity of the livin       | -        |               |              |              |
| <b>n</b> substandard h                                 | ousing uni   | ts because off-b        | ase affo | rdable housi  | ng in increa | singly       |
| difficult to def                                       | ine.   |                         |          |               |              |              |
|  |  |                         |          |               |              |              |
| ORK ACCOMPLISHE  | D IN PREVI   | OUS THREE YEARS:        | None     |               |              |              |
|  |  |                         |          |               |              |              |
|  |  |                         | ~        |               |              |              |
|  |  | THREE YEARS: Non        |          |               |              |              |
|  |  | ngineer: <b>Col</b> Sco |          | s, DSN 333-2  | 660          |              |
|  |  |                         |          | s, DSN 333-2  | 660          |              |
|  |  |                         |          | s, DSN 333-2  | 660          |              |
|  |  |                         |          | es, DSN 333-2 | 660          |              |
|  |  |                         |          | s, DSN 333-2  | 660          |              |
|  |  |                         |          | s, DSN 333-2  | 660          |              |
|  |  |                         |          | s, DSN 333-2  | 660          |              |
|  |  |                         |          | s, DSN 333-2  | 660          |              |
|  |  |                         |          | s, DSN 333-2  | 660          |              |
|  |  |                         |          | s, DSN 333-2  | 660          |              |
|  |  |                         |          | s, DSN 333-2  | 660          |              |
|  |  |                         |          | s, DSN 333-2  | 660          |              |
|  |  |                         |          | s, DSN 333-2  | 660          |              |
|  |  |                         |          | s, DSN 333-2  | 660          |              |
|  |  |                         |          | s, DSN 333-2  | 660          |              |

| 1. COMPONENT   |  |                        |                     |                   | 2. DATE             |  |
|--|--|------------------------|---------------------|-------------------|---------------------|--|
|  | FY 2003 MILITARY CO  | ISTRU                  | CTION PROJ          | έςτ σάτα          | 2. DATE             |  |
| AIR FORCE  |  |                        |                     |                   |                     |  |
| 3. INSTALLATION AND LOCATIO                                      | DN   |                        | 4. PROJECT TITL     | E                 |                     |  |
| PETERSON AIR FORCE BA  | ASE. COLORADO  | IMPROVE FAMILY HOUSING |                     |                   |                     |  |
| 5. PROGRAM ELEMENT   |  |                        |                     |                   | COST (\$000)        |  |
| 88742  | 711-143  | т                      | DKA034020           |                   | 7.53 1              |  |
| 00742  | 9. COST  |                        |                     | •                 | 7.55 1              |  |
| I III  | EM   | U/M                    | QUANTITY            | UNIT COST         | COST<br>(\$000)     |  |
| MILITARY FAMILY HOUS   |  |                        | 87                  | 58.000            | 5,046               |  |
| SUPPORTING FACILITIES  |  |                        |                     |                   | 1,918               |  |
| SITE IMPROVEMENTS<br>MECHANICAL                                  |  | LS<br>LS               |                     |                   | (208)               |  |
| ELECTRI AL   |  | LS                     |                     |                   | (1,236)<br>(102)    |  |
| LEAD-BASED PAINT RI  | EMOVAL   | LS                     |                     |                   | (372)               |  |
| SUBTOTAL   |  |                        |                     |                   | 6,964               |  |
| CONTINGENCY (5%)<br>TOTAL CONTRACT COST                          |  |                        |                     |                   | <u>348</u><br>7,312 |  |
| SUPERVISION INSPECTION   | N AND OVERHEAD (3.0%)  |                        |                     |                   | 219                 |  |
| TOTAL REQUEST  |  |                        |                     |                   | 7,531               |  |
|  |  |                        |                     |                   |                     |  |
|  |  |                        |                     |                   |                     |  |
|  |  |                        |                     |                   |                     |  |
| AREA COST FACTOR   | 0.82   |                        |                     |                   |                     |  |
| MOST EXPENSIVE UNIT<br>10. DESCRIPTION OF PROD                   | 65,000   |                        | family housing      | units with all    | necessary           |  |
| amenities and supporting facil                                   |  |                        |                     |                   |                     |  |
| meet current standards. Renov                                    | vates kitchens, bathrooms, and                                   | floor co               | verings. Converts   | s 26 three-bedro  | om units to four-   |  |
| bedroom units and 48 three-be                                    |  |                        |                     |                   |                     |  |
| bedroom units and 1 single-fat<br>recreation areas and connectin |  | meet the               | e new size standar  | rds. Provides pla | aygrounds and       |  |
| 11. Requirement: 481 UN  | ADEQUATE: 271 U  | N S                    | UBSTANDARD          | : 210 UN          |                     |  |
| -  |  |                        |                     |                   |                     |  |
| <u>PROJECT:</u> Improve Military                                 | Family Housing Phase 8 (Cu                                       | rrent Mi               | ssion)              |                   |                     |  |
| <b>REOUIREMENT</b> : This proje                                  | ect is required to provide mode                                  | em and e               | efficient housing t | for military men  | nbers and their     |  |
| dependents stationed at Peter                                    | rson AFB. All units will meet                                    | modem                  | housing standard    | s and are progra  | ammed in            |  |
|  | g Community Plan. The housing                                    |                        |                     |                   |                     |  |
|  | the off-base civilian communit<br>and bath configuration, with   |                        |                     |                   |                     |  |
|  | vo to four, as identified in the                                 |                        |                     |                   |                     |  |
|  | in accordance with current star                                  |                        |                     |                   |                     |  |
|  | ommissioned Officers Quarters                                    |                        |                     |                   |                     |  |
|  | eation areas connected to the l                                  |                        |                     |                   | nmunity support     |  |
|  | Community Plan and Air Fore<br>his project addresses a signific  |                        |                     |                   | ies at              |  |
|  | junior and senior enlisted hou                                   |                        |                     |                   |                     |  |
| effects of age and heavy use.                                    | These units have had no maj                                      | or upgra               | des since construc  | ction and they d  | o not meet the      |  |
|  | r do <b>they</b> provide a modem ho                              |                        |                     |                   |                     |  |
|  | are small and lack adequate cl<br>hborhood has an insufficient r |                        |                     |                   |                     |  |
| and counter space. The heig                                      | noomood nus un mourneient i                                      |                        | r pluggrounds/tot   |                   | non ruennues.       |  |
|  |  |                        |                     |                   |                     |  |
|  |  |                        |                     |                   |                     |  |

**DD** FORM 1391, DEC 76 'AGE NO

| 1. COMPONENT             |  |                                       |          |                             | · •            | 2. DATE      |
|--------------------------|--|---------------------------------------|----------|-----------------------------|----------------|--------------|
|                          | F  | Y 2003 MILITARY COM                   | NSTRU    | JCTION PROJEC               | T DATA         |              |
| AIR FORCE                |  |                                       |          |                             |                |              |
| 3. INSTALLATION AND LO   | CATION   | l                                     |          | 4. PROJECTTITLE             |                |              |
| PETERSON AIR FORC        | E BAS  | SE, COLORADO                          |          | IMPROVE FAMIL               | Y HOUSING      |              |
| 5. PROGRAM ELEMENT       | 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000) |                                       |          |                             |                | COST (\$000) |
| 00740                    |  | 711 142                               | -        |                             | -              | 521          |
| 88742                    | IDED.  | 711-143<br>The off base housing costs |          | TDKA034020                  |                | ,531         |
|                          |  | e available. Failure to renova        |          |                             |                |              |
|                          |  | ssive rental rates to live in a       |          |                             | ung mining to  |              |
|                          |  | IN THE PREVIOUS THE                   |          |                             |                |              |
|                          |  | OR NEXT THREE YEAD                    |          |                             |                |              |
|                          |  | ets the criteria/scope specifie       |          |                             |                |              |
|                          |  | improve these housing units           | is below | w 70% of <b>the</b> replace | ment cost. Bas | e Civil      |
| Engineer: Lt Col Willian | n Vale   | nti, DSN 834-7633.                    |          |                             |                |              |
|                          |  |                                       |          |                             |                |              |
|                          |  |                                       |          |                             |                |              |
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| AIR FORCE                                      | DNENT       FY 2003 MILITARY CONSTRUCTION PROJECT DATA       2. DATE         CE       (computer generated) |                             |                            |                              |                            |  |  |
|--|--|-----------------------------|----------------------------|------------------------------|----------------------------|--|--|
| 3. INSTALLATION AN                             | D LOCATION   |                             | 4. PROJECT                 | TITLE                        | <b> </b>                   |  |  |
| IURLBURT FIELD, FLORIDA IMPROVE FAMILY HOUSING |  |                             |                            |                              | 3                          |  |  |
| 5. PROGRAM ELEMENT                             | 6. CATEGORY CODE   | 7. PROJ                     | ECT NUMBER                 | 8. PROJEC                    | T COST (\$000)             |  |  |
| 88742  | 711-143  | FTE                         | V994022                    | 12,422                       |                            |  |  |
|  | 9. COST I  | STIMATES                    | -<br>                      | ·                            |                            |  |  |
|  | ITEM   | U/M                         | OUANTITY                   | UNIT                         | COST                       |  |  |
| MPROVE FAMILY HOUS                             | ling   | UN                          | 213                        | 41,000                       | 8,73                       |  |  |
| UPPORTING FACILITI                             | ES   |                             |                            |                              | 2,46                       |  |  |
| PAVEMENTS                                      |  | LS                          |                            |                              | ( 80                       |  |  |
| SITE IMPROVEMENTS                              |  | LS                          |                            |                              | ( 42.                      |  |  |
| DEMOLITION                                     |  | LS                          |                            |                              | ( 25                       |  |  |
| ASBESTOS/LEAD PAIN                             | T REMOVAL  | LS                          |                            |                              | ( 27                       |  |  |
| UTILITIES                                      |  | LS                          |                            |                              | ( 386                      |  |  |
| LANDSCAPING                                    |  | LS                          |                            |                              | ( 320                      |  |  |
| WTOTAL   |  |                             |                            |                              | 11,19                      |  |  |
| ONTINGENCY (5%)                                |  |                             |                            |                              | 56                         |  |  |
| OTAL CONTRACT COST                             |  |                             |                            |                              | 11,752                     |  |  |
| UPERVISION, INSPEC                             | TION AND OVERHEAD (5.  | 7%)                         |                            |                              | 670                        |  |  |
| OTAL REQUEST                                   |  |                             |                            |                              | 12,422                     |  |  |
| REA COST FACTOR                                |  | . 82                        |                            |                              |                            |  |  |
| FFECTIVE STATUTORY                             | LIMIT  | 0                           |                            |                              |                            |  |  |
| OST EXPENSIVE UNIT                             | 65   | ,000                        |                            |                              |                            |  |  |
| urrent standards.<br>lane, provides inc        | or modernization and re<br>Upgrades kitchens, bat<br>reased energy efficienc<br>ludes demolition and as    | hrooms <b>a</b><br>y, priva | nd floor co<br>cy fencing, | overings, imp<br>patios, and | proves floor<br>I replaces |  |  |
| 1. <b>REQUIREMENT:</b>                         | 1,010 UN ADE   | QUATE: 39                   | 98UN                       | SUBSTANDA                    | RD: 282UN                  |  |  |
| ROJBCT: Improve F                              | amily Housing (Phases )  | B, C, D                     | &E). (Curr                 | cent Mission)                |                            |  |  |
|  | ct is required to prov   |                             |                            |                              |                            |  |  |
|  | ependents stationed at   |                             |                            |                              |                            |  |  |
|  | e safety codes and to p<br>ble to the off-base civ   |                             |                            |                              | -                          |  |  |
|  | d are programmed in acc  |                             |                            |                              |                            |  |  |
| ousing will provid                             | e a modern kitchen, liv  | ing room                    | , family ro                | om, bedrooms                 | and <b>bathrooms</b>       |  |  |
| -  | and exterior space to  |                             | -                          | -                            |                            |  |  |
|  | ide. Provide a way to<br>and personal identity.<br>ained.  |                             |                            |                              |                            |  |  |
|  | This project upgrades  | and mode                    | rnizes hous                | ing which wa                 | as constructed             |  |  |
| <b>1</b> 1957 and 1976.                        | These houses require ma  | jor renov                   | vation and                 | repair to co                 | prrect                     |  |  |
|  | age and heavy use. The   |                             |                            |                              |                            |  |  |
| cogramming, Design                             | a modern home environm<br>and Construction, 1995<br>vanities, and ceramic t                                | . The b                     | athrooms ar                | e unattracti                 | ve with                    |  |  |
| ILLALGU LIALUICS,                              | Vanities, and teramit t  | 110 11001                   |                            |                              |                            |  |  |
| <b>NODY</b> 1301 DEG 70                        | Previous edit  |                             | -hl-+-                     |                              | Page No.                   |  |  |

DD FORM 1391, DEC 76 Previous editions are obsolete.

| 1. COMPONENT        | FY 2003 MILITARY C   | ONSTRUCTION PROJECT | DATA 2. DATE            |  |
|---------------------|----------------------|---------------------|-------------------------|--|
| AIR FORCE           | (computer generated) |                     |                         |  |
| 3. INSTALLATION AND | TITLE                |                     |                         |  |
| HURLBURT FIELD, FLO | ILY HOUSING          |                     |                         |  |
| 5. PROGRAM ELEMENT  | 6. CATEGORY CODE     | 7. PROJECT NUMBER   | 8. PROJECT COST (\$000) |  |
| 00742               | 711-143              | FTEV994022          | 12,422                  |  |

countertops are obsolete, renovation is required to provide modem kitchens. The vinyl tile flooring throughout the units creates an institutional character. The mechanical items including gas-fired domestic hot water heaters, air conditioning condensing units, insulation on refrigerant piping, and diffuser/grilles are all in poor condition. The electrical systems do not meet modern construction codes and have been grandfathered with each change of the electrical codes and must be addressed for safety issues. All exterior, kitchen and bathroom outlets need to be upgraded to GBCI protected circuits. **Existing** flat carport roofs are not adequate for climatic conditions. The overall exterior is very plain and lacks visual interest.

**IMPACT IF NOT PROVIDED:** Units will continue to deteriorate rapidly, resulting in increasing operations, maintenance/repair costs to the government, and inconvenience to residents. Low morale and retention problems can be expected if such conditions are permitted to continue, since suitable, affordable off-base housing is not available. **VORK ACCOMPLISHED IN PREVIOUS THREE YEARS:** None

**YORK PROGRAMMED** FOR NEXT THREE YEARS: None

**<u>ADDITIONAL</u>**: The SIOH of 5.7% is due tothe Army Corp of Engineers id the **lesign/construction** agent. Base Civil Engineer: Lt Col Timothy L. Boone, (850) 884-1701

1. COMPONENT FY 2003 MILITARY CONSTRUCTION PROJECT DATA 2. DATE AIR FORCE (computer generated) 4. PROJECT TITLE 3. INSTALLATION AND LOCATION HANSCOM AIR FORCE BASE, MASSACHUSETTS PRIVATIZE MILITARY FAMILY HOUSING 5. PROGRAM ELEMENT CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000) 88742 MXRD993002 711-142 0 9. COST ESTIMATES UNIT COST U/M OUANTITY ITEM PRIVATIZE MILITARY FAMILY HOUSING UN 687 0 0 SUPPORTING FACILITIES 0 SUBTOTAL 0 TOTAL CONTRACT COST 0 TOTAL REQUEST 0 AREA COST FACTOR 1.12 EFFECTIVE STATUTORY LIMIT 0 10. Description of Proposed Work: Convey 507 existing units and construct 180 units for a privatization end state of 687 units on approximately 174 acres of land. Without privatization the MILCON cost for this work is \$ 34.21 for an anticipated leverage of 14:1. Privatized units will provide general interior and exterior modernization and renovation including utility improvements and additions to meet current standards. 11. REQUIREMENT: 687UN ADEQUATE: OUN SUBSTANDARD: 0 UN PROJECT: Privatize Military Family Housing REQUIREMENT: This project is required to provide modern and efficient housing for nilitary members and their dependents stationed at Hanscom AFB. 395 units will be upgraded to meet current standards and provide comfortable homes comparable to the off page civilian community. Additionally, 180 of the existing units will be demolished (100 Battle Road Glen units & 80 old Scott Circle units) and replaced with 180 new units to reduce the deficit. All units will meet "whole-house" standards. Renovated units uill provide a modern kitchen, living room, family room, bedroom, bath and storage. Living units will be expanded to meet current space authorizations. Single car garages and off street parking will be provided where deficient. Neighborhood improvements are required and will include landscaping, playgrounds and recreation areas. CURRENT SITUATION: This project modernizes and upgrades housing which was constructed, as far back as, 1958. These houses require major renovation and repair to correct deficiencies. Few have had major upgrades since construction and do not meet the needs of today's families. The kitchens, bathrooms and living areas are outdated and many of the units do not meet "whole-house" standards. IMPACT IF NOT PROVIDED: Units will continue to deteriorate, resulting in increased operations, repair and maintenance cost and occupant inconvenience. The morale, welfare and quality of life of our military personnel will continue to decline due to inadequate lousing. ADDITIONAL: This project contains no resale merchandise, services or commercial recreation operations or actitivities IAW with the SAF/MI Housing Privatization Interim perating Instructions memo dated 2 Mar 99 and AF/IL memo regarding coordination with AFES, DeCA and MWR Board dated 19 March 99. A viable proforma and a preliminary aconomic analysis will be developed and provided during the concept approval process and a certified economic analysis will be accomplished prior to completion of the solicitation process. Base Civil Engineer: Mr. Chris Perkins, DSN 478-4352.

Previous editions are obsolete.

| 1. COMPONENT  |  |   |           |                  |                         | 2. DATE                 |  |
|---|--|---|-----------|------------------|-------------------------|-------------------------|--|
|   | FY 2003 MILITARY CONSTRUCTION PROJECT DATA   |   |           |                  |                         |                         |  |
| AIR FORCE   |  |   |           |                  | _                       |                         |  |
| 3. INSTALLATION AND LOCATION<br>4. PROJECT TITLE<br>PRIVATIZE MILITARY FAMILY HOUSING   |  |   |           |                  |                         |                         |  |
|   | CANNON AIR FORCE BASE, NEW MEXICO  |   |           |                  |                         |                         |  |
| 5. PROGRAM ELEMENT  |  | 6. CATEGORY CODE                            | 7. PRO    | JECT NUMBER      | 8. PROJECT COST (\$000) |                         |  |
| 88742   |  | 711-142                                     | С         | ZQZ030004        | 77                      | 7,754                   |  |
| 00712   | 9. COST E\$TI  |   |           |                  | ,,,,                    | COST                    |  |
|   |  |   |           |                  |                         |                         |  |
| MILITARY FAMILY H   | ITER<br>OUSIN  |   | U/M<br>UN | QUANTITY<br>1294 | UNIT COST               | <b>(\$000)</b><br>7,754 |  |
| SUBTOTAL  | 0001   |   | 011       |                  |                         | 7,754                   |  |
| TOTAL CONTRACT CO   | OST  |   |           |                  |                         | 7,754                   |  |
| TOTAL REQUEST   |  |   |           |                  |                         | 7,754                   |  |
|   |  |   |           |                  |                         |                         |  |
|   |  |   |           |                  |                         |                         |  |
|   |  |   |           |                  |                         |                         |  |
| AREA COST FACTOR  |  | 1.04  |           |                  | [                       |                         |  |
|   |  | OPOSED CONSTRUCTION                         |           | •                |                         | •                       |  |
|   |  | vatization, end state, on a                 |           |                  |                         |                         |  |
|   |  | ost for this work is \$58.3N                |           |                  |                         |                         |  |
| provide modem interior  | and e  | exterior upgrades and mee                   | t current | AF space and     | floor plan stand        | lards.                  |  |
| 11 Deminunt 10  | 04 11  | N Adamata (()                               | TINT      | Trandam          |                         |                         |  |
| 11. Requirement: 1,2  |  | N Adequate: 660<br>ry Family Housing (Curre |           |                  | uate: 634 UN            |                         |  |
|   |  | ject is required to provide                 |           |                  | ousing for mili         | tary members            |  |
|   |  |   |           |                  |                         |                         |  |
| -   | and their dependents stationed at Cannon APB. 844 units must be upgraded or replaced to provide modem and efficient housing for military members and their dependents stationed at Cannon AFB. After |   |           |                  |                         |                         |  |
|   |  |   |           |                  |                         |                         |  |
| completion, all units will meet "whole house" standards and are programmed in accordance with the Housing Community Plan. Privatized units will provide modem interior; covered patios; be energy efficient;          |  |   |           |                  |                         |                         |  |
| meet current space and floor plan standards; have modern kitchens and bathrooms; carpet in all living areas;  |  |   |           |                  |                         |                         |  |
| garages instead of carports; utility meters and landscaping around all units.   |  |   |           |                  |                         |                         |  |
| <b>CURRENT SITUATION</b> : The current MFH units were constructed in 1957, 1966, 1974 and 1994. The   |  |   |           |                  |                         |                         |  |
| 361 units constructed in 1994 meet "whole house" standards and 299 units have been upgraded to "whole   |  |   |           |                  |                         |                         |  |
| house" standards. Of the remaining 712 units, 63 were constructed in 1957,399 in 1966 and 250 in 1974.  |  |   |           |                  |                         |                         |  |
| A majority do not meet the requirements of the "whole house" standard or the needs of today's families, nor   |  |   |           |                  |                         |                         |  |
| do they provide a modem home environment. The electrical systems do not meet modem codes. Ground  |  |   |           |                  |                         |                         |  |
| fault interrupter protection is not provided for all bathroom, kitchens, and exterior circuits. Plumbing and  |  |   |           |                  |                         |                         |  |
| lighting fixtures are dated and deteriorated. The units do not have adequate living and storage space, most   |  |   |           |                  |                         |                         |  |
| lack covered patios and all lack garages. The 63 units constructed in 1957 that have not been upgraded,   |  |   |           |                  |                         |                         |  |
| require major renovation including new exterior doors and windows. The northern housing area is separated   |  |   |           |                  |                         |                         |  |
| from the rest of the base by a major highway and mainline railroad tracks and currently limited community facilities. Also, water pressure is low in our northern housing area, containing 611 units, and a new water |  |   |           |                  |                         |                         |  |
| tower needs to be constructed to alleviate this problem.  |  |   |           |                  |                         |                         |  |
| to wer needs to be constructed to unovide and problem.  |  |   |           |                  |                         |                         |  |
|   |  |   |           |                  |                         |                         |  |
|   |  |   |           |                  |                         |                         |  |
|   |  |   |           |                  |                         |                         |  |
|   |  |   |           |                  |                         |                         |  |

1. COMPONENT

AIR FORCE

#### FY 2003 MILITARY CONSTRUCTION PROJECT DATA

2. DATE

3. INSTALLATION AND LOCATION

CANNON AIR FORCE BASE

4. PROJECT TITLE

PRIVATIZE MILITARY FAMILY HOUSING

### CZQZ030004

5. PROJECT NUMBER

**IMPACT IF NOT PROVIDED:** Units will continue to deteriorate rapidly, resulting in increasing operations, maintenance and repair costs to the Government and inconvenience to residents. Without this project repair of these units will continue in a costly, piecemeal fashion with little or no improvement in living quality. The impact will be a major morale problems for those families living in inadequate military family housing units and an unacceptable financial hardships for military families on limited budgets occupying units meeting standards in the local community with higher rents.

**WORK ACCOMPLISHED IN** THE **PREVIOUS THREE** YEARS: FYOO, whole house improvement of 83 units.

#### WORK PROGRAMMED FOR NEXT THREE YEARS: None

**ADDITIONAL**: The scope of this privatization project has been reviewed by the installation commander and these units are severable according to the "MFH severability" criteria contained in the AF FHMP. This privatization project contains no resale merchandise, services or commercial recreational operations or activities in accordance with the **SAF/MII** Housing Privatization Interim Operating Instructions memorandum dated 2 Mar 99 and **AF/IL** memo regarding coordination with AFFES **DeCA** and MWR board dated 19 Mar 99. A viable pro forma and preliminary economic analysis will be developed and provided during the project development phase, and a certified economic analysis will be accomplished prior to completion of the solicitation process. All children living in military housing currently attend schools run by the local governments. Privatization of housing should have no effect on the school system. In the event the privatization is not feasible, the Air Force will execute an improvement projects for 100 units with the most expensive unit cost of \$98,000 in accordance with the Installation's Housing Community Plan and at the programmed amount requested by this privatization candidate. Base Civil Engineer: Lt **Col** Nicholas L. Desport, (505) 784-2008. The requested funds will be transferred to the **DoD FHIF** when the project is ready for award.

| 1. COMPONENT  |  |   |          |             | ~               |              |  |
|---|--|---|----------|-------------|-----------------|--------------|--|
|   | FY 2003 MILITARY CONSTRUCTION PROJECT DATA 2. DATE<br>(computer generated) |   |          |             |                 |              |  |
| AIR FORCE   |  | (compu  | cer gene | rated)      |                 |              |  |
| 3. INSTALLATION   | 3. INSTALLATION AND LOCATION 4. PROJECT TITLE                              |   |          |             |                 |              |  |
| WRIGHT-PATTERSON  | N AIR  | FORCE BASE, OHIO                                    |          | IMPROVE M   | FH PHASE1       |              |  |
| 5. PROGRAM ELEM   | ent  | T 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT     |          |             | CT COST (\$000) |              |  |
| 88742   |  | 711-144   | ZH       | rv994004    |                 | 13,436       |  |
|   |  | 9. COST F   | STIMATE  | s           |                 |              |  |
| ITEM  |  |   |          | OUANTITY    | UNIT            | COST         |  |
| IMPROVE MPH PH 1  | IMPROVE MPH PH 1 UN 222 49,572 11,0  |   |          |             |                 |              |  |
| IMPROVE MPH PH 1 BRICKS SOQS  |  |   | U        | 12          | 203,000         | ( 2,436)     |  |
| IMPROVE MPH PH  | 1 PIN  | E ESTATE  | UN       | 210         | 40,805          | (8,569)      |  |
| SUPPORTING FACIL  | ITIES  |   |          |             | -               | 1,419        |  |
|   |  |   | EA       | 1           | 1,418,500       |              |  |
|   | COMMUNITY IMPROVEMENTS   |   |          |             | 1,410,500       | ( 1,419)     |  |
| SUBTOTAL  |  |   |          |             |                 | 12,424       |  |
|   | 5%)  |   |          |             |                 | 621          |  |
| TOTAL CONTRACT COST   |  |   |          |             |                 | 13,045       |  |
| SUPERVISION, INSPECTION AND OVERHEAD (3%)   |  |   |          |             | -               | 391          |  |
| TOTAL REQUEST   |  |   |          |             |                 | 13,436       |  |
| AREA COST FACTOR  |  |   | .97      |             |                 |              |  |
| MOST EXPENSIVE U  | NIT  | 203   | ,000     |             |                 |              |  |
|   | <b>n</b> sys   | downspouts & gutters<br>tems. Replace upstai<br>im. | —        |             | _               |              |  |
| 11. REQUIREMENT   | C: 51  | 8 UN ADEÇ   | QUATE: ( | UN          | SUBSTAND        | ARD: 518 UN  |  |
| PROJECT: Improve  | e MPH  | Phase I Pine Estates                                | (Curre   | nt Mission) | •               |              |  |
| REQUIREMENT: Mod  | lern 1   | nousing with adequate                               | storage  | and commu   | nity amenitie   | es           |  |
|   |  | INE ESTATES: Kitchens                               |          |             |                 |              |  |
|   |  | he mid <b>1970s</b> , and are                       |          |             |                 |              |  |
| -   |  | privacy. There is n<br>space shortages within       |          | -           | lack of store   | -            |  |
|   |  |   |          |             |                 | -            |  |
| garages is causing the occupants to park outside and on the street, leading to traffic congestion. The HVAC units are old and failing. The flooring has become worn out.  |  |   |          |             |                 |              |  |
| -   |  | ing requiring frequen                               |          |             |                 |              |  |
| BRICK QUARTERS: The facilities date to from the 1930s and require a comprehensive   |  |   |          |             |                 |              |  |
| the occupants wit   | hout   | ing system experienc<br>heat on occasion. El        | ectrical | systems n   | eed to be moo   | dernized and |  |
| upgraded. Communications cabling has been mounted outside the facility and needs to be  |  |   |          |             |                 |              |  |
| relocated to interior walls. Second floor bathrooms require a life cycle renovation.<br>Interior finishes need to be rehabilitated, overpainted wood trim replaced, and   |  |   |          |             |                 |              |  |
| hazardous materials abated. Exterior brickwork, windows, trim, flashing, and downspouts   |  |   |          |             |                 |              |  |
| need to be restored, repaired, or replaced. The roof leaks around old flashing.   |  |   |          |             |                 |              |  |
| Driveways are too narrow and cannot accommodate the increased use of automobiles for  |  |   |          |             |                 |              |  |
| -   |  | n since the 1930s.                                  |          |             |                 |              |  |
| IMPACT IF NOT PROVIDED: If interior repairs are not made the military occupant and family will live in substandard conditions. Failure to accomplish the exterior repairs |  |   |          |             |                 |              |  |
|   | 76   | Previous edit                                       |          |             |                 |              |  |

DD FORM 1391, DEC 76 Previous editions are obsolete.

| 1. COMPONENT   | F  |   | CONSTRUCTION PROJEC   | T DATA  | 2. DATE   |
|--|--|---|---|---|---|
| AIR FORCE  |  | (compu  | ter generated)  |   |   |
| 3. INSTALLATION  | I AND LOCAT  | TION  | 4. PROJECT  | T TITLE   |   |
| WRIGHT-PATTERSO  | N AIR FORC   | E BASE, OHIO  | IMPROVE MI  | H PHASE 1   |   |
| 5. PROGRAM ELEM  | ENT. 6. (  | CATEGORY CODE   | 7. PROJECT NUMBER   | 8. PROJECT  | COST (\$000)  |
| 88742  |  | 711-144   | ZHTV994004  | 1   | .3,436  |
| will lead to de<br>frequent broken<br>occupants. Fai<br>the Brick Quarte<br>affect the qual:<br>units will not<br>WORK ACCOMPLISH<br>WORK PROGRAMMED<br>ADDITIONAL: The<br>National Registe<br>has been prepar<br>improvement, and | water pip<br>ling utili<br>ers. The f<br>ity of life<br>provide mo<br><u>ED IN PREV</u><br><u>FOR NEXT 7</u><br>e Brick Qua<br>er as part<br>ed compari<br>d status qu | n of housing unit<br>es causing outage<br>ty systems will n<br>lack of fencing a<br>e of housing occu<br>dern and attract<br>IOUS THREE YEARS:<br>INTREE YEARS: Nor<br>arters portion of<br>of the Brick Qua-<br>ng the alternativ<br>10. Improvement | s. Failure to repa<br>es, disrupting the<br>result in increased<br>and storage in Pine<br>upants. If repairs<br>ive housing for mil<br>_ Repair kitchens, | ir waterlines<br>lives of the h<br>nuisance serv<br>Estates will<br>are not accomp<br>itary families<br>baths and ext<br>igible to be l<br>trict. An eco<br>stion, whole-ho<br>e most cost ef | will lead to<br>ousing<br>ice calls in<br>adversely<br>olished the<br>eriors<br>isted on the<br>nomic analysis<br>use<br>ifective |
|  |  |   |   |   |   |
|  |  |   |   |   |   |
|  |  |   |   |   |   |
|  |  |   |   |   |   |
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| AIR FORCE  |  |  | TION PROJEC  | T DATA  | 2. DATE  |
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|  | (compu   | ter gene   |  |   |  |
| 3. INSTALLATION AN   | D LOCATION   |  | 4. PROJECT   | r title   |  |
| SHAW AIR FORCE BAS   | E, SOUTH CAROLINA  |  | PRIVATIZE  | MILITARY FA   | MILY HOUSING   |
| 5. PROGRAM ELEMENT   | 6. CATEGORY CODE   | 7. PROJ  | JECT NUMBER  | 8. PROJE  | CT COST (\$000)  |
| 88742  | 711-121  | VLSE   | 030009R1   |   | 0  |
|  | 9. COST F  | STIMATE  | ı <del></del>  |   | [  |
|  | ITEM   | U/M  | OUANTITY   | UNIT  | COST   |
| I?RIVATIZE MILITARY  | FAMILY HOUSING   | UN   | 1704   | а   |  |
| SUPPORTING FACILITI  |  | 0.1  |  | ũ   |  |
| SUBTOTAL   |  |  |  |   |  |
| TOTAL CONTRACT COST  |  |  |  |   |  |
| TOTAL REQUEST  |  |  |  |   | (  |
| AREA COST FACTOR   |  | . 86   |  |   |  |
| EFFECTIVE STATUTORY  | ТТМТТ  | <b>. өс</b>  |  |   |  |
| MOST EXPENSIVE UNIT  |  | a  |  |   |  |
| 1.0. Description of  | Proposed Work: Convey  | rg 1 704   | evisting a   | ingle and my  | ltipley bouging  |
| <u> </u>   | Military Family Housin   | -  |  |   |  |
| REQUIREMENT: This  | project is required to   | provide  | modern and   | l efficient 1   | -  |
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| <b>REQUIREMENT:</b> This<br><b>military</b> members and<br>50-69 units must be<br>comfortable and app<br>community. After c<br>in accordance with<br>coverings, as well<br>necessary to meet th<br>and supporting faci<br>conditioning, energy<br>utilities, and land<br><u>CURRENT SITUATION:</u><br>T'hese 28 to 51 year<br>dDeterioration from<br>remainder have not 1<br>meet family needs not<br>f'ixtures are deteri<br>at the seams. Plumi<br>meet current constru-<br>systems. Ground far<br>kitchens and exterior   | project is required to<br>d their dependents at Si<br>upgraded to meet current<br>ealing living environme<br>ompletion, all units wi<br>the Housing <b>Community</b> Pi<br>as privacy fencing, path<br>as privacy fencing, pat | provide<br>haw AFB.<br>nt life<br>nt compa<br>ll meet<br>lan. Mo<br>ios, pla<br>conveni<br>preparat<br>ng, and<br>its were<br>jor renove<br>e of the<br>e they w<br>dern hom<br>ounter t<br>res are<br>y in Whe<br>protection<br>or siding | modern and<br>900 Wherry<br>safety code<br>rable to th<br>the whole b<br>dem kitches<br>ygrounds an<br>ences inclu-<br>ion, carpor<br>support inf<br>constructe<br>vations and<br>se houses b<br>ere constru-<br>te environme<br>cops are war<br>antiquated.<br>for is not<br>g and insu   | l efficient i<br>y units and<br>es and to pro-<br>ne off-base<br>house standa<br>ns, bathroom<br>nd recreation<br>ide all nece<br>rts, energy<br>frastructure<br>d between 19<br>repair to c<br>had major up<br>icted and th<br>ent. Bathroo<br>ped, stained<br>Electrical<br>that do not i<br>provided in<br>lation requi                  | 240 Appropriate<br>ovide a<br>civilian<br>rds, programmed<br>as and floor<br>nal areas, are<br>ssary amenities<br>efficient air<br>of roads,<br>952 and 1975.<br>orrect<br>grades, but the<br>erefore do not<br>om cabinets and<br>d and separatin<br>systems do not<br>have grounding<br>bathrooms,<br>re replacement.                                  |
| <b>REQUIREMENT:</b> This<br><b>military</b> members and<br>50-69 units must be<br>comfortable and app<br>community. After c<br>in accordance with<br>coverings, as well<br>necessary to meet the<br>and supporting faci<br>conditioning, energy<br>utilities, and land<br><u>CURRENT SITUATION:</u><br>T'hese 28 to 51 years<br>dDeterioration from<br>remainder have not in<br>meet family needs not<br>f'ixtures are detering<br>at the seams. Plumi<br>meet current constru-<br>systems. Ground fac-<br>kitchens and exterior<br>units do not have on   | project is required to<br>d their dependents at Si<br>upgraded to meet curre<br>ealing living environme<br>ompletion, all units wi<br>the Housing <b>Community</b> Pi<br>as privacy fencing, path<br>these standards. Modern<br>lities to include site<br>y solar features, parking<br>scaping.<br>The current housing un<br>r old houses require may<br>age and heavy use. Som<br>had major upgrades since<br>or do they provide a mo<br>orated and obsolete. Co<br>bing and lighting fixture<br>action codes, especiall<br>alt circuit interrupter<br>or receptacles. Exterior<br>adequate living and sto<br>arports nor adequate of   | provide<br>haw AFB.<br>nt life<br>nt compa<br>ll meet<br>lan. Mo<br>ios, pla<br>conveni<br>preparat<br>ng, and<br>its were<br>jor renov<br>e of the<br>e they w<br>dern hom<br>ounter t<br>res are<br>y in Whe<br>protection<br>or siding  | modern and<br>900 Wherry<br>safety code<br>rable to th<br>the whole b<br>dem kitches<br>ygrounds an<br>ences inclu-<br>ion, carpor<br>support inf<br>constructe<br>rations and<br>see houses b<br>ere constru-<br>cops are war<br>antiquated.<br>rry units to<br>ion is not<br>g and insula  | l efficient i<br>y units and<br>es and to pro-<br>ne off-base<br>house standa<br>ns, bathroom<br>nd recreation<br>ide all nece<br>rts, energy<br>frastructure<br>d between 19<br>repair to c<br>had major up<br>icted and th<br>ent. Bathroo<br>ped, stained<br>Electrical<br>that do not i<br>provided in<br>lation requi-                 | 240 Appropriate<br>ovide a<br>civilian<br>rds, programmed<br>as and floor<br>nal areas, are<br>ssary amenities<br>efficient air<br>of roads,<br>952 and 1975.<br>orrect<br>grades, but the<br>erefore do not<br>om cabinets and<br>d and separation<br>systems do not<br>have grounding<br>bathrooms,<br>re replacement.<br>y. Numerous                  |
| <b>REQUIREMENT:</b> This<br><b>military</b> members and<br>50-69 units must be<br>comfortable and app<br>community. After c<br>in accordance with<br>coverings, as well<br>necessary to meet the<br>and supporting faci<br>conditioning, energy<br>utilities, and land<br><u>CURRENT SITUATION:</u><br>These 28 to 51 years<br>dDeterioration from<br>remainder have not in<br>meet family needs not<br>f'ixtures are detering<br>at the seams. Plumi<br>meet current constru-<br>systems. Ground fac-<br>kitchens and exterior<br>these units have in<br>units do not have careas for housing r | project is required to<br>d their dependents at Si<br>upgraded to meet current<br>ealing living environme<br>ompletion, all units wi<br>the Housing <b>Community</b> Pi<br>as privacy fencing, path<br>hese standards. Modern<br>lities to include site<br>y solar features, parking<br>scaping.<br>The current housing un<br>r old houses require may<br>age and heavy use. Som<br>had major upgrades sinc<br>or do they provide a mo<br>orated and obsolete. C<br>bing and lighting fixture<br>uction codes, especiall<br>alt circuit interrupter<br>or receptacles. Exterior<br>adequate living and sto   | provide<br>haw AFB.<br>nt life<br>nt compa<br>ll meet<br>lan. Mo<br>ios, pla<br>conveni<br>preparat<br>ng, and<br>its were<br>jor renove<br>e of the<br>e they w<br>dern hom<br>ounter t<br>res are<br>y in Whe<br>protection<br>or siding | modern and<br>900 Wherry<br>safety code<br>rable to th<br>the whole b<br>dem kitches<br>ygrounds an<br>ences inclu-<br>ion, carpor<br>support inf<br>constructe<br>vations and<br>see houses b<br>rere constru-<br>te environme<br>cops are war<br>antiquated.<br>rry units to<br>ion is not<br>g and insuf-<br>ace and no p<br>parking. I | l efficient i<br>y units and<br>es and to pro-<br>he off-base<br>house standa<br>ns, bathroom<br>nd recreation<br>ide all nece<br>rts, energy<br>frastructure<br>d between 19<br>repair to c<br>had major up<br>acted and th<br>ent. Bathroo<br>ped, stained<br>Electrical<br>that do not i<br>provided in<br>lation requis-<br>tandscaping | 240 Appropriate<br>ovide a<br>civilian<br>rds, programmed<br>as and floor<br>nal areas, are<br>ssary amenities<br>efficient air<br>of roads,<br>952 and 1975.<br>orrect<br>grades, but the<br>erefore do not<br>om cabinets and<br>d and separatin<br>systems do not<br>have grounding<br>bathrooms,<br>re replacement.<br>y. Numerous<br>and recreation |

Page No.

| 1. COMPONENT      | FY 2003 MILITARY C   | DATA 2. DATE            |                        |  |  |  |  |  |
|-------------------|----------------------|-------------------------|------------------------|--|--|--|--|--|
| AIR FORCE         | (computer generated) |                         |                        |  |  |  |  |  |
| 3. INSTALLATION   | AND LOCATION         | 4. PROJECT              | TITLE                  |  |  |  |  |  |
| SHAW AIR FORCE B  | ASE, SOUTH CAROLINA  | PRIVATIZE M             | ILITARY FAMILY HOUSING |  |  |  |  |  |
| 5. PROGRAM ELEMEN | NT 6. CATEGORY CODE  | 8. PROJECT COST (\$000) |                        |  |  |  |  |  |
| 88742             | 711-121              | VLSB030009R1            | 0                      |  |  |  |  |  |

inconveniencing the housing residents. Without this project, repairs to these units will continue in a costly, piecemeal type fashion, with little or no overall improvement to the quality of living standards. The impact will be a major morale problem for those families living in substandard military family housing units and unacceptable financial hardships for military families on limited budgets occupying off-base housing units that meet current living standards in the local community, but have higher rental rates. **WORK** ACCOMPLISHED IN PREVIOUS THREE YEARS: 60 units were upgraded to whole house standards last year.

**WORK** PROGRAMMED FOR NEXT THREE YEARS: 120 units are programmed for major renovation, but the year of renovation was not determined.

<u>ADDITIONAL:</u> The scope of this privatization project has been reviewed by the installation commander and these units are severable according to the "Military Family Rousing Severability\* criteria contained in the Air Force Family Housing Master Plan. This privatization project contains no resale merchandise, services or commercial recreational operations or activities in accordance with the SAF/MII Housing Privatization Interim Operating Instructions memorandum, dated 2 Mar 99, and AF/IL memo regarding coordination with AAFES, DeCA and MWR Board, dated 19 Mar 99. A viable proforma and a preliminary economic analysis (EA) will be developed and provided during the concept approval process, and a certified EA will be accomplished prior to completion of the solicitation process. Base Civil Engineer: Lt Col Brian D. Yolitz, DSN 965-9562

Previous editions are obsolete.

| 1. COMPONENT   |  | FY 2003 MILITARY C   |   |  |  | CT DATA  | 2. DATE  |
|--|--|--|---|--|--|--|--|
| AIR FORCE  |  | (comput  | er gen  | er   | ated)  |  |  |
| 3. INSTALLATION  | AND  | LOCATION   |   |  | 4. PROJEC  | T TITLE  |  |
| LANGLEY AIR FOR  | CE BA  | ASE, VIRGINIA  |   |  | IMPROVE H  | ISTORICAL FA   | MILY HOUSING   |
| 5. PROGRAM ELEM  | ENT  | 6. CATBGORY CODE   | 7. PR   | OJ   | ECT NUMBER   | 8. PROJE   | CT COST (\$000)  |
| 88742  |  | 711-144  | M   | JHC  | 030201   |  | 15,643   |
|  |  | 9. COST E  | STIMAT  | ES   |  |  |  |
|  |  | ITEM   | ע   | M  | OUANTITY   | UNIT   | COST   |
| IMPROVE HISTORIC   | CAL F.   | AMILY HOUSING  | U   | N  | 46   | 0  | 13,534   |
| UNIT TYPES:  | COL  | ONEL 3 BDRM  | E   | A  | 31   | 349,000  | ( 10,819:)   |
| UNIT TYPES:  | SNC  | CO 3 BDRM  | E   | A  | 15   | 181,000  | ( 2,715:)  |
| SUPPORTING FACIL   | ITIE   | S  |   |  |  | -  | 561  |
| DEMOLITION & AS  | BEST   | OS/LEAD BASE PAINT   | U   | N  | 46   | 10,196   | (469:)   |
| SPECIAL CONSTRU  |  |  | U.  |  | 46   | 2,000  | ( 92:)   |
| SUBTOTAL   |  |  |   |  |  | _,   |  |
|  | <b>F</b> 0.)   |  |   |  |  |  | 14,095   |
| CONTINGENCY (<br>TOTAL CONTRACT (  | (5%)<br>'Ogm   |  |   |  |  |  | 705  |
|  |  |  | 7& )  |  |  |  | 14,800<br>844  |
| TOTAL REQUEST  | SPECT.   | ION AND OVERHEAD (5.7  | (%)   |  |  |  |  |
| -  |  |  | 0.2   |  |  |  | 15,643   |
| AREA COST FACTOR   |  |  | .92   |  |  |  |  |
| SFFECTIVE STATUT   | -  |  | 0   |  |  |  |  |
| MOST EXPENSIVE U   |  | 475,<br>Proposed Work: Whole 1   |   |  |  |  |  |
| all necessary su<br>to meet current<br>facility. Inclu   | pport<br>stand<br>des 1  | This project will a<br>dards without compromis<br>mechanical, electrical<br>, baths, lighting, and   | upgrade<br>sing th<br>and pl  | e a<br>ne<br>Lun                                 | all system<br>architect<br>nbing syst  | s to renovat<br>ural integri<br>ems, air   | e each facility<br>ty of the   |
| 11. REQUIREMEN   | T: 1,  | ,606 ADEQ  | UATE:   | 34   | 1  | SUBSTAND   | ARD: 1,265   |
| PROJECT: Renova  | te Hi  | istoric Family Housing   | (Curre  | nt   | Mission)   |  |  |
| standards. This<br>exterior surface<br>floors, cabinets<br>surfaces, renova<br>Ireplace/repair t<br>asbestos/lead pa<br><u>CURRENT SITUATION</u><br>over the lifetim<br>units never rece<br>t:o deteriorate,<br>a health risk to<br>inefficient, and<br>tripping hazard,<br>IMPACT IF NOT PR | pro-<br>pro-<br>s, re<br>, cou<br>te in<br>the e<br>int,<br><u>N:</u><br><sup>1</sup><br>e of<br>ived<br>with<br>occu<br>does<br>and<br><u>OVIDE</u> | idelines. This project<br>ject will install insul<br>eplace the slate roof<br>intertops, vanities, ap<br>iterior hardware, insta-<br>lectrical system, insta-<br>and landscape.<br>The houses were constru-<br>the houses, with some<br>a complete renovation.<br>leaks causing interior<br>ipants. Forced-air hea<br>s not adequately distri-<br>causes rainwater to co-<br>co: Continuing deterior<br>r costs, requiring inco- | lation,<br>system,<br>pplianc<br>all bat<br>all pho<br>noted i<br>system<br>Stru<br>damag<br>ating w<br>bute t<br>ollect<br>pration | r<br>es<br>hr<br>n<br>s<br>ct<br>vas<br>he<br>ar | replace wi<br>, replace wi<br>, repair/:<br>oom vents,<br>e wiring,<br>1934. Per<br>upgraded a<br>ural and<br>The exist<br>installe<br>ainstalle<br>air. Cra<br>cound found<br>of the fact | veways and s<br>ndows, repla<br>refinish all<br>replace the<br>remove/dispose<br>riodic maint<br>as they fail<br>building com<br>sting lead-build<br>d in the <b>196</b><br>acked exterior<br>dation areas<br>ility will i | sidewalks, repair<br>ce kitchen<br>interior<br>e HVAC system,<br>se of<br>enance occurred<br>ed, but the<br>ponents continue<br>ased paint poses<br><b>0s</b> , but is<br>or pavement is a<br>ncur increased |
|  | - CPGI   |  | iona or   |  |  |  |  |

ļ

| 1. COMPONENT    | FY 2003 MILITARY      | CONSTRUCTION PROJECT    | DATA 2. DATE           |  |  |  |  |  |  |
|-----------------|-----------------------|-------------------------|------------------------|--|--|--|--|--|--|
| AIR FORCE       | (compu                | (computer generated)    |                        |  |  |  |  |  |  |
| 3. INSTALLATION | AND LOCATION          | 4. PROJECT              | TITLE                  |  |  |  |  |  |  |
| LANGLEY AIR FOR | CE BASE, VIRGINIA     | IMPROVE HIS             | FORICAL FAMILY HOUSING |  |  |  |  |  |  |
| 5. PROGRAM ELEM | IENT 6. CATEGORY CODE | 8. PROJECT COST (\$000) |                        |  |  |  |  |  |  |
| 88742           | 711-144               | MUHJ030201              | 15,643                 |  |  |  |  |  |  |

habitable condition.

WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: None

#### WORK PROGRAMMED FOR NEXT THREE YEARS: None

<u>ADDITIONAL:</u> This project will meet the criteria/scope indentified in Part11 of Military Handbook 1190, "Facility Design Guide\*. Since this is an improvement project, there will be no increase in the student population or impact on the ability of the local school district to support base dependents. Improvement as a percentage of replacement for Officer and NCO quarters is 94% and 134% respectively. Although the 70% rule will be exceeded, housing units will be improved due to their historical status. The U. S. Army Corps of Engineers will be used to accomplish this project. Base Civil Engineer: Lt Col Drew Jeter (757) 764-2025.

| 1. COMPONENT                               | F                 | 2003 M           | ILITARY C | CONSTR   | vucu       | ION PROJE        | CT DATA       | 2. DATE          |
|--|-------------------|------------------|-----------|----------|------------|------------------|---------------|------------------|
| AIR FORCE                                  |                   |                  | (comput   | ter ge   | ener       | ated)            |               |                  |
| 3. INSTALLATION                            | AND LOCAT         | ION              |           |          |            | 4. PROJEC        | T TITLE       |                  |
| FRANCIS E WARRE                            | N AIR FORC        | E BASE,          | WYOMING   |          |            | PRIVATIZE        | FAMILY HOUS   | ING              |
| 5. PROGRAM ELEM                            | ENT 6. C          | ATEGORY          | CODE      | 7. P     | ROJ        | ECT NUMBER       | 8. PROJE      | CT COST (\$000)  |
| 88742                                      |                   | 711-11           | .1        |          | GHL        | N034000          |               | 0                |
|  |                   | 9.               | COST E    | STIM     | TES        |                  |               |                  |
|  | ITEM              |                  |           |          | <u>u/m</u> | OUANTITY         | UNIT          | COST             |
| PRIVATIZE FAMILY                           | HOUSING           |                  |           |          | UN         | 265              | 0             | o                |
| SUPPORTING FACI                            | LITIES            |                  |           |          |            |                  |               | 0                |
| SUBTOTAL                                   |                   |                  |           |          |            |                  |               | 0                |
| TOTAL CONTRACT C                           | COST              |                  |           |          |            |                  |               | 0                |
| TOTAL REQUEST                              |                   |                  |           |          |            |                  |               | o                |
| AREA COST FACTOR                           | R                 |                  | :         | 1.04     |            |                  |               |                  |
| LO. Description                            | of Propos         | ed Work:         | Convey    | 265      | exi        | sting Carl       | .in Heights M | FH units for     |
| privatization.                             | Privatize         | d units          | will pro  | vide     | gen        | eral inter       | ior and exte  | rior             |
| nodernization an                           | d renovati        | on.              |           |          |            |                  |               |                  |
|  |                   |                  |           |          |            |                  |               |                  |
| 11. REQUIREMEN                             | T: 265            |                  | ADEQ      | UATE:    | 0          |                  | SUBSTAND      | ARD: 265         |
| <pre>PROJECT: Privat</pre>                 | ize Milita        | ry Famil         | y Housing | g. (     | Cur        | rent missi       | on)           |                  |
| REQUIREMENT: Th                            | is project        | is req           | uired to  | provi    | .de        | modern and       | d efficient l | housing for      |
| dlitary members                            | and their         | depende          | nts stat: | ioned    | at         | FE <b>Warren</b> | AFB. 265 u    | nits will be     |
| upgraded to meet                           |                   |                  |           |          |            |                  |               | and appealing    |
| living environme                           | -                 |                  |           |          |            |                  | -             | l units will     |
| meet 'whole hous                           |                   |                  |           |          |            |                  |               |                  |
| Housing Communit                           | -                 |                  | -         |          | -          |                  |               | -                |
| family room, bed<br>Living units wil       | -                 |                  | -         |          |            | -                |               | -                |
| street parking w                           | _                 |                  |           |          |            |                  |               | -                |
| and will include                           | -                 |                  |           |          |            | -                | -             | nts are required |
|  | _                 |                  | -         |          |            |                  | year old hous | sing             |
| constructed in 1                           |                   | -                |           |          |            |                  | -             | -                |
| deterioration re                           |                   |                  | -         | -        |            |                  | -             |                  |
| materials. They                            | have had          | no major         | upgrades  | s sind   | ce d       | constructio      | on and do not | meet the needs   |
| of today's famil                           | ies. Winde        | ows, sid         | ing, and  | insu     | lati       | ion requir       | e replacement | t. Many          |
| interior compone                           |                   |                  |           |          |            |                  |               |                  |
| -  |                   |                  | -         | -        | -          |                  | rage, and no  | -                |
| <pre>backyard privacy Pavement areas</pre> | need repla        | cement.          |           |          |            |                  | -             |                  |
| IMPACT IF NOT PR                           |                   |                  |           |          |            |                  |               |                  |
| in increased ope<br>inconvenience to       |                   |                  |           |          |            |                  |               |                  |
| inconvenience to<br>in a costly, pie       |                   |                  |           |          | -          | -                |               |                  |
| VORK ACCOMPLISHE                           |                   |                  |           |          |            | —                |               | -                |
| Carlin \$62K                               | , 18271           |                  |           |          |            |                  |               |                  |
| CHLN 974027 Repl                           | ace Window        | s C <b>arlin</b> | Heights   | \$400    | ĸ          |                  |               |                  |
| WORK PROGRAMMED                            | FOR <b>NRYT</b> m | HBEE VEN         | RS: None  | <u> </u> |            |                  |               |                  |
|  |                   |                  |           |          | eed        | that the         | 265 Carlin He | eights units are |
| DD FORM 1391, DEC                          | 76                | Previ            | ous edit: | ions     | are        | obsolete.        |               | Page No.         |

| 1. COMPONENT    | FY 2003 MILITARY                           | FY 2003 MILITARY CONSTRUCTION PROJECT DATA |                         |  |  |  |  |  |
|-----------------|--|--|-------------------------|--|--|--|--|--|
| AIR FORCE       | (comp                                      | (computer generated)                       |                         |  |  |  |  |  |
| 3. INSTALLATION | INSTALLATION AND LOCATION 4. PROJECT TITLE |  |                         |  |  |  |  |  |
| FRANCIS E WARRE | N AIR FORCE BASE, WYOMING                  | PRIVATIZE FA                               | AMILY HOUSING           |  |  |  |  |  |
| 5. PROGRAM ELEM | IENT 6. CATEGORY CODE                      | 7. PROJECT NUMBER                          | 8. PROJECT COST (\$000) |  |  |  |  |  |
| 88742           | 711-111                                    | GHLN034000                                 | 0                       |  |  |  |  |  |

severable according to the criteria contained within the 2000 Air Force Family Housing faster Plan. This project contains no resale merchandise, services, or commercial recreation operations or activities IAW with the SAF/MI Housing Privatization Interim >perating Instructions memo dated 2 Mar 99 and AF/IL memo regarding coordination with NAFES, DeCA, and MWR Board dated 19 Mar 99. A viable proforma and a preliminary >conomic analysis will be developed and provided during the concept approval process, und a certified economic analysis will be accomplished prior to completion of the solicitation process. Base Civil Engineer: Lt Col Steven Ditmer, DSN 484-3600.

Previous editions are obsolete.

|  | FY 2003 MILITARY   |   |  | DATA  | 2. DATE  |
|--|--|---|--|---|--|
| AIR FORCE  | (compu   | ter gener   | rated)   |   |  |
| 3. INSTALLATION AN   | D LOCATION   |   | 4. PROJECT   | TITLE   |  |
| VOGELWEH FAMILY HO   | USING ANNEX, GERMANY FE  | D REP 0   | IMPROVE FAM  | ILY HOUSING   |  |
| 5. PROGRAM ELEMENT   | 6. CATEGORY CODE   | 7. PROJ   | IECT NUMBER  | 8. PROJECT  | F COST (\$000)   |
| 00742  | 711-161  | YAN   | B034546  |   | 51,526   |
|  | 9. COST I  | STIMATES  | 3  |   |  |
|  | ITEM   | <u>ע/ש</u>  | QUANTITY   | UNIT  | COST   |
| FAM HSG, DEUTCHMRK   |  | UN  | 376  | 112,739   | 42,390   |
| SUPPORTING FACILITI  | ES   |   |  | -   | 4,569  |
| WALKWAYS AND PARKI   | ING  | LS  |  |   | ( 4,569  |
| SWTOTAL  |  |   |  |   | 46,959   |
| CONTINGENCY (5%)   |  |   |  |   | 2,340  |
| TOTAL CONTRACT COST  |  |   |  | -   | 49,307   |
| SUPERVISION, INSPEC  |  | 5%)   |  |   | 49,307<br>2 <b>,21</b> 9   |
| TOTAL REQUEST  | TTON MUL CIBRUDAL (4.  | J*0 J   |  |   | 51,526   |
| AREA COST FACTOR   |  | 1.24  |  |   | 51,520   |
| EFFECTIVE STATUTORY  | Т.Т <b>МТ</b> Т  | 0   |  |   |  |
|  |  | -   |  |   |  |
| 10. Description of<br>376 units. Includes<br><b>kitchens</b> , bathrooms,<br><b>improves</b> energy eff<br><b>paint</b> and other haz  | Proposed Work: Provid<br>utility upgrade and ad<br>, stairwells and entryw<br>Eiciency. Corrects fire d<br>ard removal. Adds walkw   | ditions<br>ays, imp<br>eficienc   | to meet cur<br>roves floor<br>ies. Include   | rent standar<br>plans and b<br>es asbestos,   | ds. Upgrades<br>alconies, and<br>lead based  |
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| LO. Description of<br>376 units. Includes<br>kitchens, bathrooms,<br>improves energy eff<br>paint and other haz<br>B9<br>11. REQUIREMENT:<br>PROJECT: Improve M<br><u>REQUIREMENT:</u> This<br>military members ar<br>must be upgraded to<br>appealing living em-<br>programmed in accord<br>to provide a second<br>buildings will compl<br>provides for renova<br><u>CURRENT SITDATION:</u><br>correct deterioration,<br>modern home environny<br>stairwell type build<br>Kitchen and bathroom<br>systems do not meet   | Proposed Work: Provid<br>a utility upgrade and ac<br>, stairwells and entryw<br>diciency. Corrects fire d<br>ard removal. Adds walkw<br>9,947 UN ADEQ<br>Military Family Housing<br>project is required to<br>ad their dependents star<br>meet current life safe<br>vironment. All units w<br>dance with the Housing<br>bath and an interior 1<br>by with force protection<br>tion under the aspect<br>These houses, construct<br>on resulting from age ar<br>and do not meet the ne<br>ment. Air Force homes in<br>dings. Laundry rooms a<br>m cabinets and fixtures<br>current construction c  | es general<br>ditions<br>ays, imp<br>eficienc<br>ays and<br>UATE 6,<br>provide<br>tioned at<br>ty codes<br>ill meet<br>Community<br>aundry at<br>n require<br>of the 1<br>ted in t<br>d heavy<br>eds of t<br>Germany<br>re communes<br>are date<br>odes; gro                                      | to meet curr<br>roves floor<br>ies. Include<br>parking. Gra<br>,128UN<br>modern and et<br>t Ramstein A<br>and to prov<br>"whole hous<br>y Plan. Liv<br>rea where au<br>ements. In<br>Americans Wi<br>he 1950's, ru<br>use. They<br>oday's famil<br>y are constan<br>nity-use loc<br>ed and deter<br>pund fault i                 | rent standar<br>plans and b<br>as asbestos,<br>ade Mix: 344<br>SWSTANDAR<br>efficient hou<br>S, Germany.<br>ride a comfor<br>e standards<br>ing units withorized. Re<br>addition the<br>thorized. Re<br>addition the<br>thorized. Re<br>addition the<br>ies, nor do<br>ructed in 3<br>ated in the<br>iorated. E   | ds. Upgrades<br>alconies, and<br>lead based<br>El-E4, 32 E5-<br>ED: 3,369 UN<br>using for<br>The housing<br>rtable and<br>s and are<br>ill be expanded<br>enovated<br>he project<br>ties Act. (ADA)<br>r renovation to<br>major upgrades<br>they provide a<br>and 4 story<br>basement.<br>lectrical<br>protection is                                     |
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| LO. Description of<br>376 units. Includes<br>kitchens, bathrooms,<br>improves energy eff<br>paint and other haz<br>E9<br>11. REQUIREMENT:<br>PROJECT: Improve M<br>REQUIREMENT: This<br>military members and<br>must be upgraded to<br>appealing living en-<br>programmed in accord<br>to provide a second<br>buildings will complete<br>provides for renova<br>CURRENT SITDATION:<br>correct deteriorations<br>stairwell type build<br>Kitchen and bathroom<br>systems do not meet<br>not provided for ba-<br>balconies are deterion<br>IMPACT IF NOT PROVID  | Proposed Work: Provid<br>a utility upgrade and ad<br>, stairwells and entryw<br>Eiciency. Corrects fire d<br>ard removal. Adds walkw<br>9,947UN ADEQ<br>Military Family Housing<br>project is required to<br>ad their dependents star<br>meet current life safe<br>vironment. All units w<br>dance with the Housing<br>bath and an interior 1<br>ly with force protection<br>this houses, construct<br>on resulting from age an<br>and do not meet the ne<br>ment. Air Force homes in<br>dings. Laundry rooms a<br>m cabinets and fixtures<br>current construction c<br>throoms, kitchens, and<br>orated and need replace<br><u>DED:</u> Units will contin | es general<br>ditions<br>ays, imp<br>eficienc<br>ays and<br>UATE 6,<br>provide at<br>ty codes<br>ill meet<br>Community<br>aundry at<br>h require<br>of the at<br>ted in t<br>d heavy<br>eds of t<br>Germany<br>re commun<br>s are date<br>odes; gro<br>exterior<br>ement.<br>ue to def            | to meet cur<br>roves floor<br>ies. Include<br>parking. Gra<br>,128UN<br>modern and et<br>t Ramstein A<br>and to prov<br>"whole hous<br>y Plan. Liv<br>rea where au<br>ements. In<br>Americans Wi<br>he 1950's, r<br>use. They<br>oday's famil<br>y are constr<br>nity-use loc<br>ed and deter<br>ound fault i<br>circuits.       | rent standar<br>plans and b<br>as asbestos,<br>de Mix: 344<br>SWSTANDAR<br>efficient how<br>S, Germany.<br>ride a comfor<br>e standards<br>ing units withorized. Re<br>addition the<br>thorized. Re<br>addition the<br>thorized. Re<br>addition the<br>isthorized in 3<br>ated in the<br>iorated in 3<br>ated in the<br>iorated. E:<br>nterrupter p<br>Roofs, window<br>esulting in   | ds. Upgrades<br>alconies, and<br>lead based<br>El-E4, 32 E5-<br>ED: 3,369 UN<br>using for<br>The housing<br>rtable and<br>s and are<br>ill be expanded<br>enovated<br>he project<br>ties Act. (ADA)<br>r renovation to<br>major upgrades<br>they provide a<br>and 4 story<br>basement.<br>lectrical<br>protection is<br>pows and<br>increasing           |
| 10. Description of<br>376 units. Includes<br>kitchens, bathrooms,<br>improves energy eff<br>paint and other haz<br>E9<br>11. REQUIREMENT:<br>PROJECT: Improve M<br>REQUIREMENT: This<br>military members ar<br>must be upgraded to<br>appealing living en-<br>programmed in accord<br>to provide a second<br>buildings will compl<br>provides for renova<br>CURRENT SITDATION:<br>correct deterioration,<br>modern home environm<br>stairwell type build<br>titchen and bathroom<br>systems do not meet<br>not provided for ba<br>balconies are deterior<br>DMPACT IF NOT PROVID<br>operations, maintena                       | Proposed Work: Provid<br>a utility upgrade and ac<br>, stairwells and entryw<br>Eiciency. Corrects fire d<br>ard removal. Adds walkw<br>9,947 UN ADEQ<br>Military Family Housing<br>project is required to<br>ad their dependents star<br>meet current life safe<br>vironment. All units w<br>dance with the Housing<br>bath and an interior 1<br>by with force protection<br>tion under the aspect<br>These houses, construct<br>on resulting from age and<br>and do not meet the ne<br>ment. Air Force homes in<br>dings. Laundry rooms a<br>m cabinets and fixtures<br>current construction c<br>throoms, kitchens, and<br>orated and need replace      | es general<br>ditions<br>ays, imp<br>eficienc<br>ays and<br>UATE 6,<br>provide at<br>ty codes<br>ill meet<br>Community<br>aundry at<br>n require<br>of the 2<br>ted in t<br>d heavy<br>eds of t<br>Germany<br>re commus<br>s are date<br>odes; gro<br>exterior<br>ement.<br>ue to def<br>to the g | to meet curr<br>roves floor<br>ies. Include<br>parking. Gra<br>,128UN<br>modern and et<br><b>Ramstein</b> A<br>and to prov<br>"whole hous<br>y Plan. Liv<br>rea where au<br>ements. In<br>Americans Wi<br>he 1950's, r<br>use. They<br>oday's famil<br>y are constr<br>nity-use loc<br>ed and deter<br>ound fault i<br>circuits. | rent standar<br>plans and b<br>es asbestos,<br>de Mix: 344<br>SWSTANDAR<br>efficient hou<br>S, Germany.<br>ride a comfor<br>s, nor do<br>ructed in 3<br>ated in the<br>iorated. E:  | ds. Upgrades<br>balconies, and<br>lead based<br>El-E4, 32 E5-<br>D: 3,369 UN<br>using for<br>The housing<br>rtable and<br>s and are<br>ill be expanded<br>enovated<br>he project<br>ties Act. (ADA)<br>r renovation to<br>major upgrades<br>they provide a<br>and 4 story<br>basement.<br>lectrical<br>protection is<br>pws and<br>increasing<br>ence to |

| 1. COMPONENT          | FY 2003 MILITARY CONSTRUCTION PROJECT DATA  | 2. DATE              |
|-----------------------|---|----------------------|
| AIR FORCE             | (computer generated)  |                      |
| 3. INSTALLATION       | AND LOCATION 4. PROJECT TITLE   |                      |
| VOGELWEH FAMILY       | HOUSING ANNEX, GERMANY FED REP 0 IMPROVE FAMILY HOUSING   |                      |
| 5. PROGRAM ELEM       | ENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT C   | יספיד <b>(כמממ</b> ) |
|                       |   | (0000)               |
| 88742                 | 711-161 YANB034546 51   | ,526                 |
| expected if such      | n conditions continue to exist.   |                      |
| -                     | ED IN PREVIOUS THREE YEARS: None  |                      |
|                       | FOR NEXT THREE YEARS: None  |                      |
|                       | s project is not eligible for NATO funding. An economic an  | alvsis has           |
|                       | omparing the alternatives of new construction, revitalizatio  | -                    |
| <b>nuo</b> operation. | Based on the net present values and benefits of the respect   | ive                  |
| -                     | evitalization was found to be the most cost efficient over t  |                      |
|                       | ost to improve units is 55% of the replacement cost. SIOH is tween US Air Force and German execution agent ( <b>Staatsbaumt</b> ) |                      |
| -                     | ffrey Leptrone, DSN 314-480-6228.   | Base Civil           |
| -                     | : FCF Budget Rate Used: EURO 1.1386   |                      |
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| DD FORM 1391, DEC     | 76 Previous editions are obsolete. P  | age No.              |

| AIR FORCE  |   | FY   |  |   | CONSTRU<br>er gen   |   | on projected)   | T DATA   | 2. DATE  |
|--|---|--|--|---|---|---|---|--|--|
| 3. INSTALLATION  | AND T.  | OCATION  | т  |   |   | 4   | PROJEC  | Γ ΤΤΤΙ.Ε   |  |
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| BITBURG FAMILY H   |   |  |  |   |   |   |   | AMILY HOUSIN   |  |
| 5. PROGRAM ELEME   | ENT   | 6. <b>CATE</b>   | GORY COI   | DE  | 7. PR(  | OJEC  | CT NUMBER   | 8. PROJEC  | CT COST (\$000)  |
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| ·  | 5%)<br>097  |  |  |   |   |   | 1   |  |  |
| TOTAL CONTRACT CO  | -   |  |  | (A -  |   |   |   |  | 20.3   |
| SUPERVISION, INS.<br>TOTAL REQUEST   | PECIT   | JN AND C   | V BREISAD  | (4.5  | ("  |   |   |  |  |
| AREA COST FACTOR   |   |  |  | 1   |   |   |   |  | 21,2   |
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| must persion ve un   |   |  |  |   |   |   |   |  |  |
| Lo. Description<br>units. Includes<br>bathrooms, floor<br>energy efficiency<br>replaces roofs.   | of Pr<br>utili<br>cover:<br>, cor   | ty upgr<br>ings, s<br>rects f  | ades to<br>stairwell<br>ire def:   | Provide<br>meet o<br>ls and<br>icienci  | es gene<br>current<br>entryw<br>.es, im   | t st<br>vays<br>mpro  | andards.<br>. Improv  | <b>Upgrades</b> k:<br>ves floor pl<br>onies and la   | ans, increase<br>indscaping, an  |
| <pre>L0. Description<br/>units. Includes<br/>bathrooms, floor<br/>energy efficiency<br/>replaces roofs.<br/>E7-E9</pre>  | of Pr<br>utili<br>cover:<br>7, cor<br>Inclu   | ty upgr<br>ings, s<br>rects f<br>des asb   | ades to<br>stairwell<br>ire def:   | Provide<br>meet o<br>ls and<br>icienci<br>ead bas   | es gene<br>current<br>entryw<br>.es, im<br>sed pai  | t st<br>vays<br>mpro <sup>v</sup><br>int  | andards.<br>. Improv<br>ves balco<br>removal.   | <b>Upgrades</b> k:<br>res floor pl<br>onies and la<br>Grade Mix:   | itchens,<br>ans, increase<br>ndscaping, an<br>164 El-E6, <b>28</b>   |
| <pre>L0. Description<br/>units. Includes<br/>bathrooms, floor<br/>energy efficiency<br/>replaces roofs.<br/>E7-E9<br/>11. REQUIREMENT</pre>  | of Pr<br>utili<br>cover:<br>7, cor<br>Inclu   | ty upgr<br>ings, s<br>rects f<br>des asb   | ades to<br>stairwell<br>ire def:<br>pestos/le  | Provide<br>meet o<br>ls and<br>icienci<br>ead bas<br>ADEQ   | es gene<br>current<br>entryw<br>.es, im   | t st<br>vays<br>mpro <sup>v</sup><br>int  | andards.<br>. Improv<br>ves balco<br>removal.   | <b>Upgrades</b> k:<br>res floor pl<br>onies and la<br>Grade Mix:   | itchens,<br>ans, increase<br>ndscaping, an   |
| <pre>L0. Description<br/>units. Includes<br/>bathrooms, floor<br/>energy efficiency<br/>replaces roofs.<br/>57-E9<br/>11. REQUIREMENT<br/>PROJECT: Improve</pre>   | of Pr<br>utilif<br>cover:<br>7, cor:<br>Inclu<br>C: 1,6   | ty upgr<br>ings, s<br>rects f<br>des asb<br><b>04UN</b><br>tary Fa   | ades to<br>stairwell<br>ire def:<br>pestos/10<br>amily Ho  | Provide<br>meet o<br>ls and<br>icienci<br>ead bas<br>ADEQ<br>using  | es gene<br>current<br>entryw<br>.es, im<br>sed pai  | st<br>vays<br>apro-<br>int<br><b>1,0</b> 3  | andards.<br>. Improv<br>vves balco<br>removal.<br>30 UN   | <b>Upgrades</b> k:<br>res floor pl<br>onies and la<br>Grade Mix:<br>SUBSTAND   | itchens,<br>ans, increase<br>ndscaping, and<br>164 El-E6, 28<br>ARD: <b>574 UN</b>   |
| <pre>L0. Description units. Includes bathrooms, floor energy efficiency replaces roofs. E7-E9 11. REQUIREMENT PROJECT: Improve REQUIREMENT: This</pre>   | of Pr<br>utili<br>cover:<br>7, cor<br>Inclu<br><b>C: 1,6</b><br>Mili<br>is pro  | ty upgr<br>ings, s<br>rects f<br>des asb<br><b>04UN</b><br>tary Fa<br>ject is  | ades to<br>stairwell<br>ire def:<br>pestos/10<br>amily Ho<br>s require   | Provide<br>meet o<br>ls and<br>icienci<br>ead bas<br>ADEQU<br>using<br>ed to p  | es gene<br>current<br>entryw<br>.es, im<br>sed pai<br>UATE:   | st<br>vays<br>nprovint<br>1,03  | andards.<br>. Improv<br>ves balco<br>removal.<br>30 UN<br>odern and   | <b>Upgrades</b> k:<br>res floor pl<br>onies and la<br>Grade Mix:<br>SUBSTAND<br>efficient h  | itchens,<br>ans, increase<br>ndscaping, and<br>164 El-E6, 28<br>ARD: 574 UN<br>ousing for  |
| <pre>L0. Description<br/>units. Includes<br/>bathrooms, floor<br/>energy efficiency<br/>replaces roofs.<br/>57-E9<br/>11. REQUIREMENT<br/>PROJECT: Improve</pre>   | of Pr<br>utili<br>cover:<br>7, cor<br>Inclu<br>C: 1,6<br>Mili<br>is pro<br>and t  | ty upgr<br>ings, s<br>rects f<br>des asb<br>04UN<br>tary Fa<br>ject is<br>heir de  | ades to<br>stairwell<br>ire def:<br>pestos/lo<br>amily Ho<br>require<br>pendents   | Provide<br>meet o<br>ls and<br>icienci<br>ead bas<br>ADEQ<br>using<br>ed to p<br>s stati  | es gene<br>current<br>entryw<br>es, im<br>sed pai<br>UATE:<br>provide   | st<br>vays<br>nprovint<br>1,03<br>e mod   | andards.<br>. Improve<br>. Improve<br>. Improve<br><br><br><br><br><br><br>   | <b>Upgrades</b> k:<br>res floor pl<br>onies and la<br>Grade Mix:<br>SUBSTANDA<br>efficient ho<br>m AB, German  | itchens,<br>ans, increase<br>ndscaping, an<br>164 El-E6, 28<br>ARD: 574UN<br>ousing for<br>ny. The housi   |
| <ul> <li>L0. Description</li> <li>units. Includes</li> <li>bathrooms, floor</li> <li>energy efficiency</li> <li>replaces roofs.</li> <li>87-E9</li> <li>11. REQUIREMENT</li> <li>PROJECT: Improve</li> <li>REQUIREMENT: Thinilitary members</li> <li>must be upgraded</li> <li>appealing living</li> </ul>   | of Pr<br>utili<br>cover:<br>7, cor<br>Inclu<br>C: 1,6<br>Mili<br>is pro<br>and the<br>to me<br>enviro   | ty upgr<br>ings, s<br>rects f<br>des asb<br><b>04UN</b><br>tary Fa<br>ject is<br>heir de<br>set curr<br>comment.   | ades to<br>stairwell<br>ire def:<br>pestos/10<br>amily Ho<br>require<br>pendents<br>rent life<br>All un  | Provide<br>meet of<br>ls and<br>icienci<br>ead bas<br>ADEQ<br>using<br>ed to p<br>s stati<br>e safet<br>nits wi   | uATE:<br>provide<br>coned a<br>coned a<br>cy code<br>code<br>cy code  | st<br>vays<br>npro-<br>int<br>1,03<br>a mod<br>it Sj<br>as a<br>as a  | andards.<br>. Improve<br>. Improve | Upgrades k:<br>res floor pl<br>onies and la<br>Grade Mix:<br>SUBSTANDA<br>efficient he<br>m AB, German<br>ovide a comf<br>use? standar   | itchens,<br>ans, increase<br>indscaping, an<br>164 El-E6, 28<br>ARD: 574 UN<br>ousing for<br>my. The housi<br>fortable and<br>ds and are   |
| <ul> <li>L0. Description</li> <li>units. Includes</li> <li>bathrooms, floor</li> <li>energy efficiency</li> <li>replaces roofs.</li> <li>E7-E9</li> <li>11. REQUIREMENT:</li> <li>PROJECT: Improve</li> <li>REQUIREMENT: Thin</li> <li>nilitary members</li> <li>must be upgraded</li> <li>appealing living</li> <li>programmed in acc</li> </ul>  | of Pr<br>utili<br>cover:<br>7, cor<br>Inclu<br>5: 1,6<br>Mili<br>is pro<br>and th<br>to me<br>enviro  | ty upgr<br>ings, s<br>rects f<br>des ash<br>04 UN<br>tary Fa<br>ject is<br>heir de<br>set curr<br>onment.<br>ce with   | ades to<br>stairwell<br>ire def:<br>pestos/le<br>amily Ho<br>require<br>pendents<br>rent life<br>All ur<br>the Hou   | Provide<br>meet of<br>ls and<br>icienci<br>ead bas<br>ADEQ<br>using<br>ed to p<br>s stati<br>e safet<br>nits wi<br>using C  | uATE:<br>provide<br>coned a<br>cy code<br>communi   | st<br>vays<br>npro-<br>int<br>1,03<br>a mod<br>at Sj<br>es a<br>et ?<br>ty I  | andards.<br>. Improves balconder<br>removal.<br>30 UN<br>odern and<br>pangdahles<br>and to pr<br>Swhole ho<br>Plan. L:  | Upgrades k:<br>ves floor pl<br>onies and la<br>Grade Mix:<br>SUBSTANDA<br>efficient ha<br>ovide a comf<br>use? standar<br>iving units  | itchens,<br>ans, increase<br>indscaping, and<br>164 El-E6, 28<br>ARD: 574UN<br>ousing for<br>my. The housi<br>fortable and<br>rds and are<br>will be improv  |
| <ul> <li>L0. Description</li> <li>units. Includes</li> <li>bathrooms, floor</li> <li>energy efficiency</li> <li>replaces roofs.</li> <li>E7-E9</li> <li>11. REQUIREMENT:</li> <li>PROJECT: Improve</li> <li>REQUIREMENT: Thin</li> <li>nilitary members</li> <li>must be upgraded</li> <li>appealing living</li> <li>programmed in acc</li> <li>to provide separa</li> </ul>   | of Pr<br>utili<br>cover:<br>7, cor<br>Inclu<br>5: 1,6<br>Mili<br>is pro<br>and th<br>to me<br>envire<br>cordane<br>ated k   | ty upgr<br>ings, s<br>rects f<br>des ash<br>   | ades to<br>stairwell<br>ire def:<br>pestos/le<br>amily Ho<br>require<br>pendents<br>rent life<br>All ur<br>the How<br>and dir  | Provide<br>meet of<br>ls and<br>icienci<br>ead bas<br>ADEQ<br>using<br>ed to p<br>s stati<br>e safet<br>hits wi<br>using C<br>hing ro   | uATE:<br>provide<br>coned a<br>cy code<br>lll mee<br>communi<br>poms an   | : st<br>ways<br>mpro-<br>int<br>1,0:<br>2 moo<br>t Sp<br>es a<br>est ?<br>ty F<br>id pro-   | andards.<br>. Improves balcor<br>removal.<br>30 UN<br>odern and<br>pangdahle<br>and to pr<br>Panole ho<br>Plan. Liporovide in   | Upgrades k:<br>ves floor pl<br>onies and la<br>Grade Mix:<br>SUBSTANDA<br>efficient ha<br>ovide a comf<br>use? standar<br>iving units<br>aterior stora   | itchens,<br>ans, increase<br>indscaping, and<br>164 El-E6, 28<br>ARD: 574UN<br>ousing for<br>my. The housi<br>fortable and<br>rds and are<br>will be improv-<br>age areas.   |
| <ul> <li>L0. Description</li> <li>units. Includes</li> <li>bathrooms, floor</li> <li>energy efficiency</li> <li>replaces roofs.</li> <li>E7-E9</li> <li>11. REQUIREMENT:</li> <li>PROJECT: Improve</li> <li>REQUIREMENT: Thin</li> <li>nilitary members</li> <li>must be upgraded</li> <li>appealing living</li> <li>programmed in acc</li> </ul>  | of Pr<br>utility<br>cover:<br>7, corr<br>Inclu<br>5: 1,6<br>Mili<br>is pro<br>and th<br>to me<br>enviro<br>cordance<br>ated k<br>areas  | ty upgr<br>ings, s<br>rects f<br>des asb<br>04UN<br>tary Fa<br>ject is<br>heir de<br>cet curr<br>onment.<br>ce with<br>itchens<br>will be  | ades to<br>stairwell<br>ire def:<br>pestos/le<br>amily Ho<br>require<br>pendents<br>rent life<br>All ur<br>the Hou<br>and dir<br>e provid  | Provide<br>meet of<br>ls and<br>icienci<br>ead bas<br>ADEQ<br>using<br>ed to p<br>s stati<br>e safet<br>nits wi<br>sing C<br>ning ro<br>ed for  | UATE:<br>Drovide<br>coned a<br>cy code<br>coned a<br>cy code<br>cones an<br>author  | : st<br>ways<br>mprovint<br>1,0:<br>2 moo<br>t Sj<br>es a<br>2 ty I<br>ty I<br>ty I<br>rize   | andards.<br>. Improves balconder<br>removal.<br>30 UN<br>odern and<br>pangdahle<br>and to present<br>whole how<br>Plan. Lissorovide in<br>ed units.   | Upgrades k:<br>ves floor pl<br>onies and la<br>Grade Mix:<br>SUBSTANDA<br>efficient he<br>efficient he<br>efficient he<br>efficient he<br>efficient he<br>ovide a comf<br>use? standar<br>iving units<br>herior stora<br>Windows ar  | itchens,<br>ans, increase<br>indscaping, and<br>164 El-E6, 28<br>ARD: 574UN<br>ousing for<br>my. The housi<br>fortable and<br>rds and are<br>will be improv-<br>age areas.   |
| <ul> <li>L0. Description</li> <li>units. Includes</li> <li>bathrooms, floor</li> <li>energy efficiency</li> <li>replaces roofs.</li> <li>E7-E9</li> <li>11. REQUIREMENT</li> <li>PROJECT: Improve</li> <li>REQUIREMENT: Thin</li> <li>nilitary members</li> <li>must be upgraded</li> <li>appealing living</li> <li>programmed in acc</li> <li>to provide separa</li> <li>Interior laundry acc</li> </ul>  | of Pr<br>utili<br>cover:<br>7, cor:<br>Inclu<br>C: 1,6<br>Mili<br>is pro<br>and th<br>to me<br>enviro<br>cordand<br>ated k<br>areas<br>ssary  | ty upgr<br>ings, s<br>rects f<br>des asb<br>tary Fa<br>ject is<br>heir de<br>eet curr<br>onment.<br>ce with<br>itchens<br>will be<br>to meet   | ades to<br>stairwell<br>ire def:<br>pestos/le<br>amily Ho<br>require<br>pendents<br>rent life<br>All un<br>the Hou<br>and dir<br>e provid  | Provide<br>meet of<br>ls and<br>icienci<br>ead bas<br>ADEQ<br>using<br>ed to p<br>s stati<br>e safet<br>hits wi<br>using C<br>hing ro<br>ed for<br>crorism  | es gene<br>current<br>entryw<br>es, in<br>sed pai<br>UATE:<br>Drovide<br>oned a<br>ty code<br>ill mee<br>communi<br>poms an<br>author   | st<br>vays<br>int<br>1,0:<br>smoot<br>spect<br>spect<br>ty I<br>dd p<br>rize<br>spect   | andards.<br>. Improv<br>ves balco<br>removal.<br>30 UN<br>odern and<br>pangdahle<br>and to pr<br><b>Swhole</b> ho<br>Plan. L:<br>provide in<br>ed units.<br>otection  | Upgrades k:<br>ves floor pl<br>onies and la<br>Grade Mix:<br>SUBSTANDA<br>efficient he<br>efficient he<br>m AB, German<br>ovide a comf<br>use? standar<br>iving units<br>terior stora<br>Windows ar<br>standards.  | itchens,<br>ans, increase,<br>indscaping, and<br>164 El-E6, 28<br>ARD: 574 UN<br>ousing for<br>my. The housi<br>ortable and<br>ds and are<br>will be improve<br>age areas.<br>md doors will  |
| <ul> <li>L0. Description</li> <li>units. Includes</li> <li>bathrooms, floor</li> <li>energy efficiency</li> <li>replaces roofs.</li> <li>E7-E9</li> <li>11. REQUIREMENT:</li> <li>ROJECT: Improve</li> <li>REQUIREMENT: Thinilitary members</li> <li>must be upgraded</li> <li>appealing living</li> <li>programmed in acc</li> <li>to provide separa</li> <li>Interior laundry a</li> <li>replaced as neces</li> <li>SITUATION</li> <li>correct deteriora</li> </ul>  | of Pr<br>utili<br>cover:<br>7, cor:<br>Inclu<br>C: 1,6<br>Mili<br>is pro<br>and the<br>to me<br>enviro<br>cordand<br>ated k<br>areas<br>ssary<br>I: The<br>ation :  | ty upgr<br>ings, s<br>rects f<br>des asb<br>tary Fa<br>ject is<br>heir de<br>set curr<br>onment.<br>ce with<br>itchens<br>will be<br>to meet<br>ese hour<br>resulti  | ades to<br>stairwell<br>fire def:<br>bestos/le<br>amily Ho<br>require<br>pendents<br>rent life<br>All un<br>the Hou<br>and dir<br>provid<br>ses, cor<br>ng from  | Provide<br>meet of<br>ls and<br>icienci<br>ead bas<br>ADEQU<br>using<br>ed to p<br>s stati<br>e safet<br>hits wi<br>using C<br>hing ro<br>ed for<br>crorism<br>hstruct<br>age an  | es gene<br>current<br>entryw<br>es, im<br>sed pai<br>UATE:<br>provide<br>oned a<br>ty code<br>ill mee<br>communi<br>poms an<br>author<br>/force<br>ed in<br>d heavy   | st<br>vays<br>int<br>1,0:<br>e mo<br>it Spes<br>a at ?<br>ty F<br>ad pro<br>the<br>the<br>y us  | andards.<br>Improves balcor<br>removal.<br>30 UN<br>odern and<br>pangdahle<br>and to pr<br><b>Swhole</b> ho<br>Plan. Lip<br>provide in<br>ed units.<br>otection<br>1950's.<br>se. They  | Upgrades k:<br>ves floor pl<br>onies and la<br>Grade Mix:<br>SUBSTANDA<br>efficient he<br>efficient he<br>m AB, German<br>ovide a comf<br>use? standar<br>iving units<br>hterior stora<br>Windows ar<br>standards.<br>require majo<br>have had no  | itchens,<br>ans, increase,<br>indscaping, and<br>164 El-E6, 28<br>ARD: 574 UN<br>ousing for<br>my. The housi<br>ortable and<br>ds and are<br>will be improve<br>age areas.<br>and doors will<br>or renovation<br>major upgrade   |
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| <ul> <li>L0. Description</li> <li>units. Includes</li> <li>bathrooms, floor</li> <li>energy efficiency</li> <li>replaces roofs.</li> <li>87-89</li> <li>11. REQUIREMENT:</li> <li>This</li> <li>REQUIREMENT: This</li> <li>nilitary members</li> <li>must be upgraded</li> <li>appealing living</li> <li>programmed in accestor</li> <li>to provide separa</li> <li>Interior laundry a</li> <li>replaced as necess</li> <li>SITUATION</li> <li>correct deteriora</li> <li>since construction</li> <li>nodern home envir</li> <li>stainvell type builting</li> <li>kitchen and bathr</li> <li>systems do not me</li> <li>not provided for</li> </ul>  | of Pr<br>utili<br>cover:<br>7, cor:<br>Inclu<br>T. 1,6<br>Mili<br>is pro<br>and the<br>to me<br>enviro<br>cordand<br>ated k<br>areas<br>ssary<br>I: The<br>ation :<br>com and<br>comment<br>uilding<br>coom ca<br>set cur<br>bathr                              | ty upgr<br>ings, s<br>rects f<br>des asb<br><b>04 UN</b><br>tary Fa<br>ject is<br>heir de<br>set curr<br>onment.<br>ce with<br>itchens<br>will be<br>to meet<br>ese hou<br>resulti<br>do not<br>t. Air<br>gs. La<br>abinet a<br>crent co<br>ooms, k                                      | ades to<br>stairwell<br>ire def:<br>pestos/le<br>amily Ho<br>require<br>pendents<br>rent life<br>All un<br>the Hou<br>and dir<br>e provid<br>ses, cor<br>ng from<br>meet th<br>Force h<br>undry ro<br>sand fix<br>onstruct   | Provide<br>meet of<br>ls and<br>icienci<br>ead bas<br>ADEQU<br>using<br>ed to p<br>s stati<br>e safet<br>hits wi<br>using C<br>hing ro<br>ed for<br>rorism<br>struct<br>age and<br>homes i<br>coms ar<br>stures<br>ion co<br>and e                                    | s gene<br>current<br>entryw<br>es, im<br>sed pai<br>uATE:<br>provide<br>oned a<br>ty code<br>ill mee<br>communi<br>poms an<br>author<br>d/force<br>ed in<br>d heavy<br>s of t<br>in Germ<br>are da<br>des; g<br>exterio                                 | s st<br>vays<br>apro-<br>int<br>1,0:<br>4 moo<br>t Sj<br>es a<br>et ?<br>ty I<br>ad p.<br>rize<br>the<br>y us<br>coday<br>muni-<br>tted<br>rrour                              | andards.<br>Improvises balcon<br>removal.<br>30 UN<br>odern and<br>pangdahles<br>and to provide in<br>ed units.<br>otection<br>1950's.<br>se. They<br>y's family<br>are conse<br>ty use low<br>and detern<br>nd fault   | Upgrades k:<br>ves floor pl<br>onies and la<br>Grade Mix:<br>SUBSTANDA<br>efficient he<br>efficient he<br>m AB, German<br>ovide a comf<br>use? standar<br>ving units<br>terior stora<br>Windows ar<br>standards.<br>require majo<br>have had no<br>lies, nor do<br>structed in the<br>riorated. I<br>interrupter   | itchens,<br>ans, increases,<br>indscaping, and<br>164 El-E6, 28<br>ARD: 574 UN<br>ousing for<br>my. The house<br>ortable and<br>ortable and<br>ortable and<br>are<br>will be improv-<br>age areas.<br>Ind doors will<br>or renovation<br>major upgrade<br>they provide<br>3 and 4 story<br>e basement.<br>Electrical<br>protection is                  |
| <ul> <li>L0. Description</li> <li>units. Includes</li> <li>bathrooms, floor</li> <li>energy efficiency</li> <li>replaces roofs.</li> <li>E7-E9</li> <li>11. REQUIREMENT:</li> <li>Thinilitary members</li> <li>must be upgraded</li> <li>appealing living</li> <li>programmed in acc</li> <li>to provide separa</li> <li>Interior laundry a</li> <li>replaced as neces</li> <li>SITUATION</li> <li>correct deteriora</li> <li>since construction</li> <li>nodern home envirantian envirant</li></ul> | of Pr<br>utili<br>cover:<br>7, cor:<br>Inclu<br>Trolu<br>State<br>Mili<br>is pro<br>and the<br>to me<br>enviro<br>cordand<br>ated k<br>areas<br>ssary<br>I: The<br>ation :<br>on and<br>comment<br>uilding<br>coom ca<br>set cur<br>bathre                      | ty upgr<br>ings, s<br>rects f<br>des asb<br><b>04 UN</b><br>tary Fa<br>ject is<br>heir de<br>bet curr<br>onment.<br>ce with<br>itchens<br>will be<br>to meet<br>ese hou<br>resulti<br>do not<br>t. Air<br>gs. La<br>abinet a<br>rrent co<br>ooms, k<br>ated an                           | ades to<br>stairwell<br>ire def:<br>bestos/le<br>amily Ho<br>require<br>pendents<br>rent life<br>All un<br>the Hou<br>and dir<br>e provid<br>ses, cor<br>ng from<br>meet th<br>Force H<br>bundry ro<br>sand fix<br>onstruct<br>itchens,<br>d need f  | Provide<br>meet of<br>ls and<br>icienci<br>ead bas<br>ADEQU<br>using<br>ed to p<br>s stati<br>e safet<br>hits wi<br>using C<br>hing ro<br>ed for<br>crorism<br>hstruct<br>age and<br>homes i<br>coms ar<br>stures<br>cion co<br>and e<br>replace                      | s gene<br>current<br>entryw<br>es, im<br>sed pai<br>uATE:<br>provide<br>oned a<br>ty code<br>ill mee<br>communi<br>poms an<br>author<br>/force<br>ed in<br>d heavy<br>s of t<br>Germ<br>are da<br>des; 9<br>exterio:<br>ment.                           | s st<br>vays<br>apro-<br>int<br>1,0:<br>2 moo<br>t Sj<br>es a<br>et ?<br>I<br>ty I<br>ad p<br>rize<br>apro-<br>the<br>y us<br>coday<br>any<br>uni<br>t ted<br>y rouni<br>r c: | andards.<br>Improvises balconder<br>removal.<br>30 UN<br>odern and<br>pangdahle<br>and to provide in<br>rewhole how<br>Plan. La<br>provide in<br>red units.<br>otection<br>1950's.<br>se. They<br>y's family<br>are consist<br>ty use low<br>and deter<br>and deter<br>and fault<br>fircuits.   | Upgrades k:<br>ves floor pl<br>onies and la<br>Grade Mix:<br>SUBSTANDA<br>efficient he<br>efficient he<br>and AB, German<br>ovide a comf<br>use? standar<br>iving units<br>terior stora<br>Windows ar<br>standards.<br>require majo<br>have had no<br>lies, nor do<br>structed in the<br>potated in the<br>potated in the<br>potated. If<br>interrupter<br>Roofs, wind   | itchens,<br>ans, increase,<br>indscaping, and<br>164 El-E6, 28<br>ARD: 574 UN<br>ousing for<br>my. The housi<br>ortable and<br>ds and are<br>will be improva<br>age areas.<br>ind doors will<br>or renovation<br>major upgrade<br>they provide<br>3 and 4 story<br>e basement.<br>Electrical<br>protection is<br>dows and                              |
| <ul> <li>L0. Description</li> <li>units. Includes</li> <li>bathrooms, floor</li> <li>energy efficiency</li> <li>replaces roofs.</li> <li>E7-E9</li> <li>11. REQUIREMENT:</li> <li>Thinilitary members</li> <li>must be upgraded</li> <li>appealing living</li> <li>programmed in acc</li> <li>to provide separa</li> <li>Interior laundry a</li> <li>replaced as neces</li> <li>SITUATION</li> <li>correct deteriora</li> <li>since construction</li> <li>nodern home envirantian envirant</li></ul> | of Pr<br>utili<br>cover:<br>7, cor:<br>Inclu<br>T: 1,6<br>Mili<br>is pro<br>and the<br>to me<br>envire<br>cordand<br>ated k<br>areas<br>ssary<br>T: The<br>ation :<br>on and<br>conment<br>uilding<br>coom ca<br>bathre<br>terior.                              | ty upgr<br>ings, s<br>rects f<br>des ash<br>tary Fa<br>ject is<br>heir de<br>set curr<br>onment.<br>ce with<br>itchens<br>will be<br>to meet<br>ese hour<br>resulti<br>do not<br>t. Air<br>gs. La<br>abinet f<br>rrent co<br>ooms, k<br>ated an  | ades to<br>stairwell<br>ire def:<br>bestos/le<br>amily Ho<br>require<br>pendents<br>rent life<br>All ur<br>the Hou<br>and dir<br>e provid<br>ses, cor<br>ng from<br>meet th<br>Force h<br>undry ro<br>sand fix<br>onstruct<br>itchens,<br>d need n<br>s will c                               | Provide<br>meet of<br>ls and<br>icienci<br>ead bas<br>ADEQU<br>using<br>ed to p<br>s stati<br>e safet<br>hits wi<br>using C<br>hing ro<br>ed for<br><b>crorism</b><br>hstruct<br>age and<br>homes i<br>coms ar<br>stures<br>ion co<br>and e<br>continu                | es gene<br>current<br>entryw<br>es, im<br>sed pai<br>UATE:<br>provide<br>oned a<br>ty code<br>ill mee<br>communi<br>poms an<br>author<br>/force<br>ed in<br>d heavy<br>ls of t<br>.n Germ<br>are da<br>des; g<br>exterior<br>ment.<br>le to d           | s st<br>vays<br>apro-<br>int<br>1,0:<br>4 moo<br>t Sj<br>es a<br>est ?<br>ty I<br>ad po-<br>ty us<br>coday<br>muni-<br>ted<br>rour<br>r c:<br>ete:                            | andards.<br>Improves balcor<br>removal.<br>30 UN<br>odern and<br>pangdahle<br>and to pr<br>Pwhole ho<br>Plan. La<br>provide in<br>ed units.<br>otection<br>1950's.<br>se. They<br>y's famile<br>and detected<br>and detected<br>and detected<br>ircuits.<br>riorate,  | Upgrades k:<br>yes floor pl<br>onies and la<br>Grade Mix:<br>SUBSTANDA<br>efficient ha<br>efficient ha<br>m AB, German<br>ovide a comf<br>use? standar<br>iving units<br>herior stora<br>Windows ar<br>standards.<br>require majo<br>have had no<br>lies, nor do<br>structed in the<br>criorated. I<br>interrupter<br>Roofs, wind<br>resulting in  | itchens,<br>ans, increase,<br>indscaping, and<br>164 El-E6, 28<br>ARD: 574 UN<br>ousing for<br>my. The housi<br>ortable and<br>ds and are<br>will be improve<br>age areas.<br>and doors will<br>or renovation<br>major upgrade<br>they provide<br>3 and 4 story<br>e basement.<br>Electrical<br>protection is<br>dows and<br>n increasing              |
| <ul> <li>L0. Description</li> <li>units. Includes</li> <li>bathrooms, floor</li> <li>energy efficiency</li> <li>replaces roofs.</li> <li>E7-E9</li> <li>11. REQUIREMENT:</li> <li>Thinilitary members</li> <li>must be upgraded</li> <li>appealing living</li> <li>programmed in acc</li> <li>to provide separa</li> <li>Interior laundry a</li> <li>replaced as neces</li> <li>SITUATION</li> <li>correct deteriora</li> <li>since construction</li> <li>nodern home envirantian envirant</li></ul> | of Pr<br>utili<br>cover:<br>7, cor<br>Inclu<br>7, cor<br>Inclu<br>7, cor<br>and 1<br>to me<br>enviro<br>cordand<br>ated k<br>areas<br>ssary<br>1: The<br>ation :<br>con and<br>conment<br>uilding<br>coom ca<br>eet cun<br>bathr<br>terior.<br>VIDED:<br>enance | ty upgr<br>ings, s<br>rects f<br>des ash<br><b>04UN</b><br>tary Fa<br>ject is<br>heir de<br>set curr<br>onment.<br>ce with<br>itchens<br>will be<br>to meet<br>ese hou<br>resulti<br>do not<br>t. Air<br>gs. La<br>abinet s<br>rrent co<br>ooms, k<br>ated an<br><u>c</u> Unit<br>a, and | ades to<br>stairwell<br>ire def:<br>bestos/le<br>amily Ho<br>arequire<br>pendents<br>rent life<br>All ur<br>the Hou<br>and dir<br>e provid<br>te provid<br>te ses, cor<br>ng from<br>meet th<br>Force H<br>bundry ro<br>sand fix<br>onstruct<br>itchens,<br>d need p<br>s will c<br>repair o | Provide<br>meet of<br>ls and<br>icienci<br>ead bas<br>ADEQU<br>using<br>ed to r<br>s stati<br>e safet<br>hits wi<br>using C<br>hing ro<br>ed for<br>crorism<br>struct<br>age and<br>homes i<br>coms ar<br>stures<br>cion co<br>and e<br>replace<br>continu<br>costs t | es gene<br>current<br>entryw<br>es, im<br>sed pai<br>UATE:<br>Drovide<br>oned a<br>ty code<br>ill mee<br>communi<br>poms an<br>author<br>/force<br>ed in<br>d heavy<br>is of t<br>in Germ<br>are da<br>des; g<br>exterior<br>ment.<br>te to d<br>co the | strays<br>apro-<br>int<br>1,0:<br>a moo<br>tt Sp<br>as a<br>a moo<br>tt Sp<br>as a<br>any<br>ty I<br>ad part<br>the<br>grouni<br>tted<br>gov                                  | andards.<br>i. Improves balconder<br>removal.<br>30 UN<br>odern and<br>pangdahles<br>and to provide in<br>ed units.<br>otection<br>1950's.<br>se. They<br>y's family<br>are consist<br>ty use lose<br>and deternant<br>ircuits.<br>priorate,<br>vernment a  | Upgrades k:<br>ves floor pl<br>onies and la<br>Grade Mix:<br>SUBSTANDA<br>efficient he<br>efficient he<br>ovide a comf<br>use? standar<br>iving units<br>nterior stora<br>Windows ar<br>standards.<br>require majo<br>have had no<br>lies, nor do<br>structed in the<br>potated in the potated in the potated in the<br>potated in the potated in t | itchens,<br>ans, increases<br>indscaping, and<br>164 El-E6, 28<br>ARD: 574UN<br>ousing for<br>my. The housi<br>fortable and<br>rds and are<br>will be improve<br>age areas.<br>and doors will<br>or renovation<br>major upgrade<br>they provide<br>3 and 4 story<br>e basement.<br>Electrical<br>protection is<br>dows and<br>n increasing<br>ience to |

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| AIR FORCE   |   | FY 2003 MILI   |   |   |   | CT DATA   | 2. DATE   |
|---|---|--|---|---|---|---|---|
| -   |   |  | (comput   | er gener  | rated)  |   |   |
| 3. INSTALLATION   | I AND LO  | OCATION  |   |   | 4. PROJEC   | T TITLE   |   |
| ANDERSEN AIR FO   | RCE BAS   | SE, GUAM   |   |   | IMPROVE F   | AMILY HOUSING   | 5, PH 11  |
| 5. PROGRAM ELEM   | IENT  | 5. CATEGORY COI  | DE  | 7. PROJ   | ECT NUMBER  | 8. PROJEC   | CT COST (\$000)   |
| 00742   |   | 711-111  |   | AJJY  | 034401R2  |   | 16,479  |
|   |   | <u>9. c</u>  | OST E   | STIMATES  | 1   |   |   |
|   | I   | TEM  |   | U/M   | OUANTITY  | UNIT  | COST  |
| CAPEHART FAMILY   | HOUSIN  | G  |   | LS  |   |   | 14,314  |
| IMPROVE FAMILY  | HOUSIN  | G PH 11  |   | UN  | 112   | 127,800   | ( 14,314  |
| SUPPORTING FACI   | LITIES  |  |   |   | т   |   | 924   |
| UTLITIES  |   |  |   | LS  | ĺĺĪ   |   | ( 300:  |
| PAVEMENTS   |   |  |   | LS  |   |   | ( 50  |
| SITE IMPROVEME  | NTS   |  |   | LS  |   |   | ( 65  |
| LANDSCAPING   |   |  |   | LS  |   |   | ( 100   |
| ASBESTOS/LEAD   | PAINT A   | BATEMENT   |   | LS  |   |   | ( 409   |
| SUBTOTAL  |   |  |   |   |   |   | 15,237  |
| CONTINGENCY   | (5%)  |  |   |   |   |   | 762   |
| TOTAL CONTRACT C  | ,   |  |   |   |   |   | 15,999  |
| SUPERVISION, INS  | SPECTIO   | N AND OVERHEAD   | (3%)  |   |   |   | 480   |
| FOTAL REQUEST   |   |  | (00)  |   |   | Ì   | 16,479  |
| AREA COST FACTOR  | ε   |  | 2   | 2.03  |   |   | ,   |
| EFFECTIVE STATUT  | ORY LI  | міт  |   | 0   |   |   |   |
| MOST EXPENSIVE U  | NIT   |  | 167,  | 000   |   |   |   |
|   |   | oposed Work: :<br>vation of 112 h  | ousing  |   | Includes  | utility upg   | rade and  |
| additions to mee  |   |  |   | ades kit  |   | _   |   |
| additions to mee<br>plans, and incre  | ases e  | nergy efficiend  | y. Pr   | ades kit<br>covides   | patios, pla   | aygrounds, r  |   |
| nodernization an<br>additions to mee<br>plans, and incre<br>and utilities re<br>11. REQUIREMENT   | ases e<br>placeme   | nergy efficienc<br>ent. Includes   | y. Pr<br>asbest   | ades kit<br>covides   | patios, pla<br>based pain   | aygrounds, r  | ecreation areas   |
| additions to mee<br>plans, and incre<br>and utilities re<br>11. REQUIREMENT   | ases en<br>eplaceme<br>T: 1,39  | nergy efficienc<br>ent. Includes   | y. Pr<br>asbest<br>ADEQU  | ades kit<br>covides<br>cos/lead-<br>UATE: 94  | patios, pla<br>based pain   | aygrounds, ro<br>ut removal.<br>SUBSTANDA   | ecreation areas   |
| additions to mee<br>plans, and incre-<br>and utilities re-<br>11. REQUIREMENT<br>PROJECT: Improv<br>REQUIREMENT: Th<br>military members<br>upgraded to meet<br>living environme<br>whole house stan<br>family room, bed   | eases exercises exercises exercises exercises exercises exercises and the current c-addards.  | nergy efficience<br>ent. Includes<br>90<br>Ly Housing (Pha<br>ject is require<br>heir dependents<br>nt life safety<br>krable to the o<br>Renovated hou<br>nd bath configu  | ADEQU<br>ADEQU<br>asbest<br>ADEQU<br>d to p<br>s stat:<br>codes<br>off-bas<br>using v   | Ades kit<br>covides<br>cos/lead-<br>UATE: 94<br>. (Curre<br>provide :<br>ioned at<br>and to p<br>se civil<br>vill pro   | patios, pla<br>based pain<br>8<br>ent Mission<br>modern and<br>Andersen<br>provide a o<br>ian commun<br>vide modem  | aygrounds, ro<br>sUBSTANDA<br>efficient ho<br>MB. Housing<br>comfortable a<br>ity. All un<br>kitchen, li  | ARD: 442<br>ARD: 442<br>ousing for<br>must be<br>and appealing<br>mits will meet<br>ving room,  |
| additions to mee<br>plans, and incre-<br>and utilities re-<br>and utilities re-<br>and utilities re-<br>and utilities re-<br>and utilities re-<br>project: Improv<br>REQUIREMENT: The<br>military members<br>upgraded to meet<br>living environme-<br>shole house stan<br>family room, bed<br>Units will be ai<br>CURRENT SITUATION<br>in 1960. These<br>co correct deter | ases explacement<br>placement<br>T: 1,39<br>T: 1,39<br>Te Famil<br>is proj<br>and the<br>current<br>c-a<br>dards.<br>Troom and<br>r condi-<br>nr condi-<br>N: Thi<br>40 year<br>ioratic   | hergy efficience<br>ent. Includes<br>20<br>by Housing (Pha-<br>ject is require<br>heir dependents<br>at life safety<br>trable to the of<br>Renovated hou<br>d bath configu-<br>tioned.<br>s project upgr<br>c old <b>Capehart</b><br>on resulting fr   | ADEQU<br>ADEQU<br>se 11)<br>d to p<br>s stat:<br>codes<br>off-bas<br>sing v<br>ration<br>rades a<br>housin<br>com age   | ades kit<br>covides<br>cos/lead-<br>UATE: 94<br>. (Curre<br>provide :<br>ioned at<br>and to p<br>se civil<br>vill pro<br>with an<br>and mode<br>ag units<br>and heat  | patios, pla<br>based pain<br>8<br>ent Mission<br>modern and<br>Andersen<br>provide a of<br>ian commun<br>vide modem<br>mple interi<br>rnizes hous<br>require ma<br>avy use. Th  | aygrounds, ro<br>sUBSTANDA<br>efficient ho<br>MB. Housing<br>comfortable a<br>dity. All un<br>kitchen, li<br>or and exter<br>sing which we<br>ajor renovationey have had  | ARD: 442<br>ARD: 442<br>and appealing<br>hits will meet<br>ving room,<br>tior storage.<br>as constructed<br>ion and repair<br>no major  |
| additions to mee<br>plans, and incre-<br>and utilities re-<br>11. REQUIREMENT<br>PROJECT: Improv<br>REQUIREMENT: Th<br>military members<br>upgraded to meet<br>living environme-<br>whole house stan<br>family room, bed<br>Jnits will be ai<br>CURRENT SITUATION   | e Famil<br>is proj<br>and the<br>current<br>cand the<br>current<br>cand the<br>current<br>and current<br>and current | hergy efficience<br>ent. Includes<br>ant. Includes<br>by Housing (Pha<br>ject is require<br>heir dependents<br>at life safety<br>trable to the of<br>Renovated hou<br>ad bath configu-<br>tioned.<br>Is project upgr<br>c old <b>Capehart</b><br>on resulting fr<br>tion, and do r<br>nvironment. K<br>a, and are not<br>ed. The elect | y. Pr<br>asbest<br>ADEQU<br>se 11)<br>d to p<br>s stat:<br>codes<br>off-bas<br>sing v<br>uration<br>rades a<br>housin<br>om age<br>of meet<br>itchen<br>f funct | Addes kit<br>covides<br>cos/lead-<br>UATE: 94<br>. (Curre<br>provide :<br>ioned at<br>and to p<br>se civil<br>vill pro<br>with an<br>and mode:<br>and mode:<br>and head<br>at the ne<br>s do not<br>cionally<br>systems | patios, pla<br>based pain<br>8<br>ent Mission<br>modern and<br>Andersen<br>provide a of<br>ian commun<br>vide modem<br>mple interi<br>rnizes hous<br>require ma<br>avy use. Th<br>eeds of too<br>t provide a<br>arranged.<br>do not mee | aygrounds, ro<br>substanda<br>efficient ho<br>MB. Housing<br>comfortable a<br>hity. All un<br>kitchen, li<br>or and exter<br>sing which we<br>ajor renovationey have had<br>lay's families<br>adequate stor<br>Plumbing ar<br>et modern cor | ARD: 442<br>ARD: 442<br>ARD |

| 1. COMPONENT  | FY 2003 MILITARY CONSTRUCTION PROJECT DATA |  |  |        | 2. DATE      |
|---|--|--|--|--------|--------------|
| AIR FORCE   | (computer generated)                       |  |  |        |              |
| 3. INSTALLATION AND LOCATION 4. PROJECT TITLE           |  |  |  |        |              |
| ANDERSXN AIR FORCE BASE, GUAM IMPROVE FAMILY HOUSING, F |  |  |  |        | PH 11        |
| 5. PROGRAM ELEMEN                                       | T 6. CATEGORY CODE                         | 7. PROJECT NUMBER 8. PROJECT COST (\$000 |  |        | COST (\$000) |
| 00742   | 711-111                                    | AJJY034401R2                             |  | 16,479 |              |

The units have inadequate living space and storage. Playgrounds, parking areas, and landscaping are inadequate or nonexistent.

IMPACT IF NOT PROVIDED: Units will continue to deteriorate rapidly, resulting in increasing operations, maintenance and repair costs to the Government and inconvenience to residents. Without this project repair of these units will be accomplished in a costly and piecemeal fashion with little or no improvement in living quality. Low **norale** and retention problems can be expected if such conditions are permitted to continue.

**NORK** ACCOMPLISHED IN PREVIOUS THREE YEARS: None

NORK PROGRAMMED FOR NEXT THREE YEARS: None

ADDITIONAL: An economic analysis has been prepared comparing the alternatives of new construction, improvement, and status quo operation. Based on the net present values and senefits of the respective alternatives, improvement was found to be the most cost effective over the life of the project. The cost to improve this housing is 59% of the replacement cost. Base Civl Engineer: Lt Col Randy Eide, (671)366-7101

| 1 000000000  |                         |          |                             |                                  |               |  |
|--|-------------------------|----------|-----------------------------|----------------------------------|---------------|--|
| 1. COMPONENT   | FY 2003 MILITARY C      |          |                             | CT DATA                          | 2. DATE       |  |
| AIR FORCE  | · -                     | er gener | -                           |                                  |               |  |
| 3. INSTALLATION AND LOCATION 4. PROJECT TITLE  |                         |          |                             |                                  |               |  |
| KADENA AIR BASE, JAPAN   |                         |          | IMPROVE FAMILY HOUSING, PH3 |                                  |               |  |
| 5. PROGRAM ELEMENT   | 6. CATEGORY CODE        | 7. PROJ  | ECT NUMBER                  | T NUMBER 8. PROJECT COST (\$000) |               |  |
| 00742  | 711-171                 | LXE      | Z0341211                    |                                  | 15,989        |  |
|  | 9. COST E               | STIMATES |                             |                                  | r             |  |
|  | ITEM                    | U/M      | OUANTITY                    | UNIT                             | COST          |  |
| IMPROVE FAMILY HOUSI   | NG                      | UN       | 124                         | 109,677                          | 13,600        |  |
| SUPPORTING FACILITIE   | S                       |          |                             |                                  | 1,185         |  |
| STORAGE  |                         | LS       |                             |                                  | ( 325)        |  |
| LANDSCAPE/SIGN/GARE  | AGE                     | LS       |                             |                                  | (240)         |  |
| PARKING  |                         | SP       | 248                         | 2,500                            | ( 620)        |  |
|  |                         |          | 210                         | 2,500                            | ( 020)        |  |
| SUBTOTAL   |                         |          |                             |                                  | 14,784        |  |
| CONTINGENCY (5%)   |                         |          |                             |                                  | 739           |  |
| TOTAL CONTRACT COST  |                         |          |                             |                                  | 15,524        |  |
| SUPERVISION, INSPECT   | ION AND OVERHEAD (3%)   |          |                             |                                  | 466           |  |
| TOTAL REQUEST  |                         |          |                             |                                  | 15,989        |  |
| AREA COST FACTOR   |                         | 1.9      |                             |                                  |               |  |
| EFFECTIVE STATUTORY  | LIMIT                   | 0        |                             |                                  |               |  |
| MOST EXPENSIVE UNIT  |                         | .000     |                             |                                  |               |  |
| <b>Upgrades</b> kitchens/bathrooms, improves HVAC, plumbing and electrical systems, provides signage, landscaping, additional outside storage and parking spaces. Includes asbestos/lead-based paint removal and radon mitigation.   |                         |          |                             |                                  |               |  |
| 11. REQUIREMENT: 8   | ,705 UN ADEQ            | UATE: 4  | 429 UN                      | SUBSTAND                         | ARD: 4,276 UN |  |
| <b>PROJECT:</b> Improve Far  | nily Housing Phase 3.   | (Curren  | t Mission)                  |                                  |               |  |
| REQUIREMENT: This p  | roject is required to p | rovide   | modern and                  | efficient h                      | ousing for    |  |
| =  | their dependents stati  |          |                             | _                                | l units will  |  |
| -  | standards. The housing  |          |                             |                                  |               |  |
|  | ironment comparable to  |          |                             |                                  |               |  |
| <b>vill</b> provide a modern kitchen, living room, family room, bedroom and bath configuration,<br><b>vith</b> ample interior and exterior storage. Units will be provided with adequate   |                         |          |                             |                                  |               |  |
| infrastructure and parking spaces.   |                         |          |                             |                                  |               |  |
| CURRENT SITUATION: These units were built in 1979 by the Government of Japan. They   |                         |          |                             |                                  |               |  |
| have had no major upgrades since constructed and do not meet the needs of today's  |                         |          |                             |                                  |               |  |
| <b>Samilies</b> nor do they provide a modern home environment. The <b>HVAC</b> , plumbing, electrical  |                         |          |                             |                                  |               |  |
| systems require major repairs/replacement due to age and deterioration. They do not  |                         |          |                             |                                  |               |  |
| neet current standards of efficiency and safety. Interiors are generally inadequate by   |                         |          |                             |                                  |               |  |
| nodern Criteria. Units lack exterior storage and adequate parking.   |                         |          |                             |                                  |               |  |
| IMPACT IF NOT PROVIDED: Unrenovated, these housing units will continue to deteriorate.   |                         |          |                             |                                  |               |  |
| <b>Example 1 Example 1 Examp</b> |                         |          |                             |                                  |               |  |
| <b>r</b> esidents will increase. Repair of the units will continue in a costly, piecemeal<br><b>fashion</b> with little/no improvement in living quality. Quality of life, moral, and  |                         |          |                             |                                  |               |  |
| retention will be affected.  |                         |          |                             |                                  |               |  |
| <b>WORK</b> ACCOMPLISHED IN PREVIOUS THREE YEARS: Repair kitchens, FY99-01.  |                         |          |                             |                                  |               |  |
| DEFORM 1391, DEC 76 Previous editions are obsolete Page No   |                         |          |                             |                                  |               |  |

Page No.

|   |   | (computer   | STRUCI<br>gener  | ated)   |  | 2. DATE   |  |
|---|---|---|--|---|--|---|--|
| 3. INSTALLATION A   | ND LOCATION   |   |  | 4. PROJECT  | T TITLE  | 1   |  |
| RAF LAKENHEATH, UNITED KINGDOM  |   |   |  | IMPROVE FAMILY HOUSING  |  |   |  |
| 5. PROGRAM ELEMEN   | T 6. CATEGORY CO  | DDE 7.  | . PROJ   | ECT NUMBER  | 8. PROJEC  | I COST (\$000)  |  |
| 88742   | 711-181   |   | NSE  | 034024  |  | 20,532  |  |
|   | 9. (  | COST ESTI   | IMATES   | · · · · · ·   |  |   |  |
|   | ITEM  |   | U/M  | OUANTITY  | UNIT   | COST  |  |
| IMPROVE FAMILY HOU  |   |   | UN   | 96  | 131,000  | 12,57   |  |
| SUPPORTING FACILI   |   |   |  |   |  | 6,22  |  |
| PAVEMENTS   |   |   | LS   |   |  | ( 90  |  |
| LIGHTING  |   |   | LS   |   |  | (50   |  |
| LANDSCAPING   |   |   | LS   |   |  | ( 70  |  |
| RECREATION  |   |   | LS   |   |  | ( 51  |  |
| UTILITY UPGRADES  |   |   | LS   |   |  | (3,61   |  |
| SUBTOTAL  |   |   |  |   |  | 18,80   |  |
| CONTINGENCY (5%   | )   |   |  |   |  | 94  |  |
| FOTAL CONTRACT COS  |   |   |  |   |  | 19,74   |  |
| SUPERVISION, INSPE  |   | ) (4%)  |  |   |  | 79  |  |
| FOTAL REQUEST   |   | ,   |  |   |  | 20,53   |  |
| AREA COST FACTOR  |   | 1.2   | 21   |   |  | 20,55   |  |
| SFFECTIVE STATUTOR  | Y LIMIT   |   | 0  |   |  |   |  |
| MOST EXPENSIVE UNI  |   | 175,00  |  |   |  |   |  |
| and renovation of 9<br>fencing, patios, pi<br>asbestos/lead-base<br>wever, and electri  | laygrounds, and re  | creation a<br>Replacemen  | areas.<br>nt of  | Includes<br>infrastruc  | demolition<br>ture to upgra  | and<br>ade water,   |  |
|   |   |   |  |   |  |   |  |
| 5 50  | 1,100 UN  | ADEOUA  | TE: 60   | 7 UN  | SUBSTANDART  | ): 493 TIN  |  |
| 5 SO<br>11. <b>REQUIREMENT:</b>   | -   | ADEQUAT   | TE: 60   | 7 UN  | SUBSTANDARD  | ): 493 UN   |  |
| 5 SO<br>11. <b>REQUIREMENT:</b>   | Military Family Ho  | ousing  |  |   |  |   |  |
| 5 SO<br>11. REQUIREMENT:<br>PROJECT: Improve<br>REQUIREMENT: This<br>members and their<br>met current life<br>environment compara<br>nouse" standards and<br>cenovated housing to<br>path configuration,<br>garages will be pro-                    | Military Family Ho<br>project is requir<br>dependents assigne<br>safety codes and t<br>able to off-base c<br>nd are programmed<br>will provide a mod<br>, with ample inter<br>povided where defic   | ousing<br>ed to pro<br>d to RAF<br>o provide<br>ivilian co<br>in accorda<br>ern kitch<br>ior and e<br>ient. Ne                                | Lakenh<br>a com<br>ommuni<br>ance w<br>en, li<br>exterio<br>ighbor                     | modern eff:<br>meath. The<br>fortable a<br>ty. All u<br>with the Ho<br>wing room,<br>r storage.<br>whood impro                                | icient housing<br>housing must<br>and appealing<br>nits will mea<br>busing Communi<br>family room<br>Off street p<br>wements are a                                       | g for military<br>be upgraded to<br>living<br>et *whole<br>ty Plan.<br>, bedroom and<br>parking or<br>required and                                  |  |
| 5 SO<br>11. <b>REQUIREMENT:</b><br><b>PROJECT:</b> Improve<br><b>REQUIREMENT:</b> This<br>members and their<br>met current life a<br><b>environment</b> compara<br><b>house</b> standards and<br><b>kenovated</b> housing to<br>path configuration, | Military Family Ho<br>project is requir<br>dependents assigne<br>safety codes and t<br>able to off-base c<br>nd are programmed<br>will provide a mod<br>, with ample inter<br>povided where defic<br>g, lighting, playg<br>nd electrical dist | ousing<br>red to prod<br>d to RAF<br>o provide<br>ivilian co<br>in accorda<br>ern kitch<br>ior and en<br>ient. Ne<br>rounds, an<br>ribution s | Lakenh<br>a com<br>ommuni<br>ance w<br>en, li<br>exterio<br>ighbor<br>nd rec<br>system | modern eff:<br>leath. The<br>infortable a<br>ty. All u<br>with the Ho<br>wing room,<br>r storage.<br>'hood impro<br>reation ar<br>s within to | icient housing<br>housing must<br>and appealing<br>nits will mee<br>using Communi<br>family room<br>Off street p<br>vements are p<br>eas. <b>Common</b><br>he housing ar | g for military<br>be upgraded t<br>living<br>et *whole<br>ity Plan.<br>, bedroom and<br>parking or<br>required and<br>utilities such<br>rea must be |  |

| 1. COMPONENT  | FY 2003 MILITARY C   | DATA 2.                             | DATE   |         |  |
|---|----------------------|-------------------------------------|--------|---------|--|
| AIR FORCE   | (computer generated) |                                     |        |         |  |
| 3. INSTALLATION AND LOCATION 4. PROJECT TITLE         |                      |                                     |        |         |  |
| RAF LAKENHEATH, UNITED KINGDOM IMPROVE FAMILY HOUSING |                      |                                     |        |         |  |
| 5. PROGRAM ELEMEN                                     | T 6. CATEGORY CODE   | 7. PROJECT NUMBER 8. PROJECT COST ( |        | (\$000) |  |
| 88742   | 711-181              | MSET034024                          | 20.532 |         |  |
|   |                      | •                                   |        |         |  |

deteriorated, and are in need of repair. The electrical systems do not meet modern construction codes. Flooring is stained, loose and mismatched due to non-availability of original materials for replacement. The units have inadequate living space by Air Force standards, only one full-sized bathroom, minimal storage space, and small to no patios or backyard privacy. Landscaping, lighting, parking and recreation areas for housing residents are deficient.

**IMPACT IF NOT PROVIDED:** Units will continue to deteriorate, resulting in increasing **operations**, maintenance and repair costs to the Government and inconvenience to residents. Repair of these units will continue in a costly, piecemeal fashion with little or no improvement in living quality. Low morale and retention problems can be **expected** if such conditions continue to exist.

WORK ACCOMPLISHED IN PREVIOUS THREE YEARS: Bathroom repair CY01 to 72 units and roof replacement CY01 to 7 units.

**WORK PROGRAMMED FOR NEXT THREE YEARS:** None.

**ADDITIONAL:** This project meets the criteria/scope specified in Part II of Military Handbook 1190, "Facility Planning and Design Guide". An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing and status quo operation. Based on the net present values and benefits of the respective alternatives, revitalization was found to be the most cost effective. SIOH is 4% to fund JK execution agent and Air *Force* execution oversight. The cost to improve these housing mite is 65% of the replacement cost. This project is not eligible for NATO funding. 3ase Civil Engineer: Lt Col Thomas D. Quasney 44 1638 522100.

**?OREIGN** CURRENCY: FCF Budget Rate Used: POUND .7091

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# ADVANCE PLANNING AND DESIGN

# DEPARTMENT OF THE AIR FORCE MILITARY FAMILY HOUSING FISCAL YEAR 2003 BUDGET REQUEST

# FY 2003 ADVANCE PLANNING AND DESIGN

Program (In Thousands) FY 2003 Program \$34,188 FY 2002 Program \$24,281

### Purpose and Scope

This program provides for preliminary studies to develop additional family housing facilities, one time multi-phase design, and housing community plan developments; studies for site adaptation and determination of type and design of units; and working drawings, specifications, estimates, project planning reports and final design drawings of family housing construction projects. This includes the use of architectural and engineering services in connection with any family housing new or post acquisition construction program.

#### Program Summary

Authorization is requested for:

(1) Advance planning and design for future year housing programs;

(2) FY 2003 Authorization and Appropriation of \$34,188,000 to fund this effort as outlined in the following exhibit:

| 1. COMPONENT<br>AIR FORCE  | 2. DATE                   |   |  |   |   |
|--|---------------------------|---|--|---|---|
| 3. INSTALLATION AND LOC  | CATION                    |   | 4. PROJECT TITL  | F   |   |
|  | E PLANNING                |   |  |   |   |
| VARIOUS AIR FORCE<br>5. PROGRAM ELEMENT  | BASES<br>6. CATEGORY CODE | 7. PRO  | AND DESIGN   | 8. PROJECT  | COST (\$000)  |
| 88742  | 71 I-000                  |   |  | 34,1  |   |
|  |                           | 9. COST ESTIMATE  |  |   |   |
|  | ITEM                      | U/M   | QUANTITY   | UNIT COST   | COST<br>(\$000)   |
| with advance planning<br>for the Air Force Famil<br><b>1</b> . <u>PROJECT</u> : This requ<br>and design costs in con<br><u>REQUIREMENT</u> : The fu<br>utility investigations; or<br>for the preparation of d<br>connection with any far<br><u>IMPACT IF NOT PRO</u> | VANCE PLANNING            | dwelling<br>int.<br>appropr<br>or post<br>o procur<br>d housin<br>rance pla<br>isition c<br>re necess | units and proper<br>iation of \$34.185<br>acquisition cons<br>e architect-engin<br>g community pr<br>uns for future yea<br>onstruction prog<br>ary to support th | rties included in<br>8 million to pro-<br>struction progra<br>eer services to<br>ofiles (HCP) d<br>ar family housin<br>rams.<br>e development | (\$000)<br>34,188<br>34,188<br>34,188<br>34,188<br>34,188<br>in connection<br>n or proposed<br>ovide planning<br>ms.<br>make site and<br>evelopments;<br>ng programs in |
| DD FORM 1391, DEC 76   | PREVIOUS EDITIONS M       | AY BE US  |  | PAGE  | NO  |