## State/Country/Installation/Project

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Kwajalein</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kwajalein Atoll</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Emergency Services Facility, Meck Island</td>
<td>4,901</td>
<td>4,901</td>
<td>C</td>
<td>159</td>
</tr>
</tbody>
</table>

**Total**

|               | 4,901        | 4,901           |                     |          |
1. COMPONENT
MDA

2. DATE
February 2005

3. INSTALLATION AND LOCATION
Kwajalein Atoll, Kwajalein

4. COMMAND
Missile Defense Agency

5. AREA CONSTR. COST INDEX
2.29

6. PERSONNEL
STRENGTH: N/A
Tenant of U.S. Army

<table>
<thead>
<tr>
<th>PERMANENT</th>
<th>STUDENTS</th>
<th>SUPPORTED</th>
</tr>
</thead>
<tbody>
<tr>
<td>OFFICER</td>
<td>ENLISTED</td>
<td>CIVILIAN</td>
</tr>
<tr>
<td>OFFICER</td>
<td>ENLISTED</td>
<td>CIVILIAN</td>
</tr>
<tr>
<td>OFFICER</td>
<td>ENLISTED</td>
<td>CIVILIAN</td>
</tr>
<tr>
<td>OFFICER</td>
<td>ENLISTED</td>
<td>CIVILIAN</td>
</tr>
</tbody>
</table>

7. INVENTORY DATA ($000)

A. TOTAL ACERAGE .......... N/A
B. INVENTORY TOTAL AS OF .......... N/A
C. AUTHORIZATION NOT YET IN INVENTORY .......... 0
D. AUTHORIZATION REQUESTED IN THE FY2006 .......... 4,901
E. AUTHORIZATION REQUESTED IN THE FY2007 .......... 0
F. PLANNED IN NEXT THREE PROGRAM YEARS .......... 0
G. REMAINING DEFICIENCY .......... 0
H. GRAND TOTAL ............ 4,901

8. PROJECTS REQUESTED IN THE FY2005 PROGRAM:

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>CODE</th>
<th>PROJECT TITLE</th>
<th>SCOPE</th>
<th>COST ($000)</th>
<th>DESIGN STATUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>730-10</td>
<td>Emergency Services</td>
<td>731 SM</td>
<td>4,901</td>
<td>Oct 04 Dec 05</td>
<td></td>
</tr>
</tbody>
</table>

9. FUTURE PROJECTS:

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>CODE</th>
<th>PROJECT TITLE</th>
<th>SCOPE</th>
<th>COST ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NONE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

10. MISSION OR MAJOR FUNCTIONS:
The mission of the Missile Defense Agency is to develop and field an integrated Ballistic Missile Defense System capable of providing a layered defense for the homeland, deployed forces, friends and allies against ballistic missiles of all ranges in all phases of flight.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

A. Air Pollution: N/A
B. Water Pollution: N/A
C. Occupational Safety and Health (OSH): N/A
1. COMPONENT
MDA

2. DATE
February 2005

3. INSTALLATION AND LOCATION
Kwajalein Atoll, Kwajalein

4. PROJECT TITLE
Emergency Services Facility

5. PROGRAM ELEMENT
0603888C

6. CATEGORY CODE
730-10

7. PROJECT NUMBER
MDA-528

8. PROJECT COST ($000)
4,901

9. COST ESTIMATES

<table>
<thead>
<tr>
<th>ITEM</th>
<th>U/M</th>
<th>QUANTITY</th>
<th>UNIT COST</th>
<th>COST ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRIMARY FACILITY</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Emergency Services Facility</td>
<td>SM (SF)</td>
<td>731 (7,866)</td>
<td>5421 (504)</td>
<td>3,963</td>
</tr>
<tr>
<td>SUPPORTING FACILITIES</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Utilities</td>
<td>LS</td>
<td>-</td>
<td>-</td>
<td>420</td>
</tr>
<tr>
<td>Pavements (Roads, Parking, etc.)</td>
<td>LS</td>
<td>-</td>
<td>-</td>
<td>386</td>
</tr>
<tr>
<td>Site Improvements</td>
<td>LS</td>
<td>-</td>
<td>-</td>
<td>386</td>
</tr>
<tr>
<td>Antiterrorism Force Protection, Physical Security</td>
<td>LS</td>
<td>-</td>
<td>-</td>
<td>420</td>
</tr>
<tr>
<td>SUBTOTAL</td>
<td></td>
<td></td>
<td></td>
<td>4,383</td>
</tr>
<tr>
<td>CONTINGENCY (5.0%)</td>
<td></td>
<td></td>
<td></td>
<td>219</td>
</tr>
<tr>
<td>TOTAL CONTRACT COST</td>
<td></td>
<td></td>
<td></td>
<td>4,602</td>
</tr>
<tr>
<td>SUPERVISION, INSPECTION/OH (6.5%)</td>
<td></td>
<td></td>
<td></td>
<td>299</td>
</tr>
<tr>
<td>TOTAL REQUEST</td>
<td></td>
<td></td>
<td></td>
<td>4,901</td>
</tr>
<tr>
<td>TOTAL REQUEST (ROUNDED)</td>
<td></td>
<td></td>
<td></td>
<td>4,901</td>
</tr>
<tr>
<td>EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)</td>
<td></td>
<td></td>
<td></td>
<td>50</td>
</tr>
</tbody>
</table>

10. DESCRIPTION OF PROPOSED CONSTRUCTION:
Construct an emergency services facility housing a single company fire department and the medical services operations on Meck Island. Facility will consist of reinforced concrete foundation and industrial floor slab, masonry exterior walls with rigid insulation and a standing seam metal roof system. Supporting facilities will include utilities (electric, water, sewer & communications), landscaping, roads, sidewalks, and site improvements.

Air Conditioning: 20 tons.

11. REQUIREMENT:

<table>
<thead>
<tr>
<th>PROJECT</th>
<th>ADEQUATE</th>
<th>SUBSTANDARD</th>
</tr>
</thead>
<tbody>
<tr>
<td>731 SM</td>
<td>0 SM</td>
<td>411 SM</td>
</tr>
</tbody>
</table>

PROJECT: Construct an Emergency Services Facility at Meck Island, Kwajalein Atoll (Current Mission).

REQUIREMENT: An adequate facility is required to house fire protection and medical emergency treatment services on Meck Island. This facility will house a medical treatment area, three large apparatus/equipment bays for two fire engines and one emergency medical vehicle, a combination dayroom and training area, sleeping areas, cooking/dining room area, latrines, administration area, crew preparation working and storage areas and mechanical/electrical/communications rooms. Meck Island is the launch complex for test and evaluation of the test interceptor missiles and target missiles of the Ballistic Missile Defense System (BMDS). Due to the hazards associated with BMDS testing activities, emergency fire, medical and security services must be on-island during missile test activities.
1. COMPONENT
MDA

2. DATE
February 2005

3. INSTALLATION AND LOCATION
Kwajalein Atoll, Kwajalein

4. PROJECT TITLE
Emergency Services Facility

7. PROJECT NUMBER
MDA-528

11. REQUIREMENT (CONTINUED):

CURRENT SITUATION: The current emergency services facility has major structural
deterioration in all its supporting walls and roof, is uneconomically
repairable and is undersized to meet the functional requirements of the
emergency services operations required for BMDS tests. Exterior doors and
windows are in need of replacement and interior rooms such as restrooms and
kitchen areas need improvement. The general condition of internal finishes,
mechanical and electrical systems have deteriorated and are beyond their
useful lives. These conditions create a degraded working environment and
impair emergency services ability to support missile test requirements. Major
electrical upgrades are needed for the main power service to the building and
throughout the entire facility. Meck Island is approximately 40 km from the
main support base facilities located on Kwajalein Island and this facility
provides the only emergency service capability on Meck Island. The U.S. Army
Corps of Engineers Fire Protection Risk Assessment has validated the need for
a new facility.

IMPACT IF NOT PROVIDED: The current facility will continue to deteriorate and within a
short period could be condemned as structurally unsound. Emergency fire
protection and medical vehicles will have to be parked outside in a highly
corrosive salt spray and fog environment and make-shift arrangements will have
to be established for emergency personnel. Fire and medical personnel will be
constrained in their ability to respond to emergencies that may result in
increased mission risk and result in loss of life and government property.
Failures within the BMDS test program can ultimately result in a deterioration
of missile defense and the inability and delays to the United States to shield
itself and its friends from foreign threats.

ADDITIONAL: All required Anti-Terrorist/Force Protection requirements will be
designed into a new facility. The appropriate environmental analysis will be
completed before construction.

12. SUPPLEMENTAL DATA:

A. Design Data (Estimates)

<table>
<thead>
<tr>
<th>(1) Status</th>
<th>(2) Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) Estimated Start Date</td>
<td>OCT 2004</td>
</tr>
<tr>
<td>*(b) % complete as of 1 Jan 05</td>
<td>15%</td>
</tr>
<tr>
<td>*(c) 35% Complete as of</td>
<td>MAR 2005</td>
</tr>
<tr>
<td>(d) Date Design Complete</td>
<td>SEP 2005</td>
</tr>
<tr>
<td>(e) Parametric Cost Estimating Used to Develop Costs</td>
<td>Yes</td>
</tr>
<tr>
<td>(f) Type of Contract</td>
<td>Design-Bid-Build</td>
</tr>
</tbody>
</table>

| (a) Standard or Definitive Design | Yes |
| (b) Where Design was most recently used | Military Ocean Terminal Sunny Point, NC |
1. COMPONENT
MDA

2. DATE
February 2005

3. INSTALLATION AND LOCATION
Kwajalein Atoll, Kwajalein

4. PROJECT TITLE
Emergency Services Facility

7. PROJECT NUMBER
MDA-528

12. SUPPLEMENTAL DATA (CONTINUED):

(3) Total Design Cost ($000)
   (a) Production of Plans and Specifications 285
   (b) All other Design Costs 193
   (c) Total Cost (c) = (a)+(b) or (d)+(e) 478
   (d) Contract 315
   (e) In-house 163

(4) Construction Contract Award Date MAR 2006
(5) Construction Start Date APR 2006
(6) Construction Complete Date FEB 2008

* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.

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

<table>
<thead>
<tr>
<th>Equipment Nomenclature</th>
<th>Funding Appropriation</th>
<th>Fiscal Year</th>
<th>Appropriated Cost ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Furnishings RDT&amp;E</td>
<td></td>
<td>2006</td>
<td>50</td>
</tr>
</tbody>
</table>