

**Missile Defense Agency
 Military Construction, Defense-Wide
 FY 2006 Budget Estimates
 (\$ In Thousands)**

<u>State/Country/Installation/Project</u>	<u>Auth. Request</u>	<u>Approp. Request</u>	<u>New/Current Mission</u>	<u>Page No.</u>
Kwajalein				
Kwajalein Atoll				
Emergency Services Facility, Meck Island	4,901	4,901	C	159
Total	4,901	4,901		

1. COMPONENT MDA		FY 2006 MILITARY CONSTRUCTION PROGRAM					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		PERMANENT			STUDENTS			SUPPORTED			
		OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL
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:											
CATEGORY		PROJECT TITLE			SCOPE		COST		DESIGN STATUS		
CODE							(\$000)		START	COMPLETE	
730-10		Emergency Services Facility			731 SM		4,901		Oct 04	Dec 05	
9. FUTURE PROJECTS:											
CATEGORY		PROJECT TITLE			SCOPE		COST				
CODE							(\$000)				
		NONE									
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					

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UNTIL EXHAUSTED

1. COMPONENT MDA	FY 2006 MILITARY CONSTRUCTION PROJECT DATA			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				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY Emergency Services Facility	SM (SF)	731 (7,866)	5421 (504)	3,963
SUPPORTING FACILITIES Utilities Pavements (Roads, Parking, etc.) Site Improvements Antiterrorism Force Protection, Physical Security	LS LS LS LS	- - - -	- - - -	420 (220) (85) (95) (20)
SUBTOTAL CONTINGENCY (5.0%) TOTAL CONTRACT COST SUPERVISION, INSPECTION/OH (6.5%) TOTAL REQUEST TOTAL REQUEST (ROUNDED) EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				4,383 <u>219</u> 4,602 <u>299</u> 4,901 4,901 (50)
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: 731 SM ADEQUATE: 0 SM SUBSTANDARD: 411 SM 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.				

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<p>11. REQUIREMENT (CONTINUED):</p> <p>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.</p> <p>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.</p> <p>ADDITIONAL: All required Anti-Terrorist/Force Protection requirements will be designed into a new facility. The appropriate environmental analysis will be completed before construction.</p>																				
<p>12. SUPPLEMENTAL DATA:</p> <p style="margin-left: 40px;">A. Design Data (Estimates)</p> <p style="margin-left: 80px;">(1) Status</p> <table style="margin-left: 120px; border: none;"> <tr> <td>(a) Estimated Start Date</td> <td style="text-align: right;">OCT 2004</td> </tr> <tr> <td>*(b) % complete as of 1 Jan 05</td> <td style="text-align: right;">15%</td> </tr> <tr> <td>*(c) 35% Complete as of</td> <td style="text-align: right;">MAR 2005</td> </tr> <tr> <td>(d) Date Design Complete</td> <td style="text-align: right;">SEP 2005</td> </tr> <tr> <td>(e) Parametric Cost Estimating Used to Develop Costs</td> <td style="text-align: right;">Yes</td> </tr> <tr> <td>(f) Type of Contract</td> <td style="text-align: right;">Design-Bid-Build</td> </tr> </table> <p style="margin-left: 80px;">(2) Basis</p> <table style="margin-left: 120px; border: none;"> <tr> <td>(a) Standard or Definitive Design</td> <td style="text-align: right;">Yes</td> </tr> <tr> <td>(b) Where Design was most recently used</td> <td></td> </tr> <tr> <td style="padding-left: 40px;">Military Ocean Terminal Sunny Point, NC</td> <td></td> </tr> </table>			(a) Estimated Start Date	OCT 2004	*(b) % complete as of 1 Jan 05	15%	*(c) 35% Complete as of	MAR 2005	(d) Date Design Complete	SEP 2005	(e) Parametric Cost Estimating Used to Develop Costs	Yes	(f) Type of Contract	Design-Bid-Build	(a) Standard or Definitive Design	Yes	(b) Where Design was most recently used		Military Ocean Terminal Sunny Point, NC	
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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:			
<u>Equipment</u> <u>Nomenclature</u>	<u>Funding</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u>	<u>COST</u> <u>(\$000)</u>
Furnishings	RDT&E	2006	50