

UNCLASSIFIED

BMDO RDT&E BUDGET ITEM JUSTIFICATION (R-2 Exhibit)								DATE February 2002	
BUDGET ACTIVITY 5 - Engineering and Manufacturing Development				PE NUMBER AND TITLE 0604861C THAAD System					
COST (In Thousands)	FY2001 Actual	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY2007 Estimate	Cost to Complete	Total Cost
Total Program Element (PE) Cost	530432	866530	934681	714679	830204	920988	1131109	Continuing	Continuing
2011 Theater High Altitude Area Defense (THAAD)	0	852592	934681	714679	830204	920988	1131109	Continuing	Continuing
2260 Theater High Altitude Area Defense (THAAD)	530432	0	0	0	0	0	0	0	0
2090 Program Operations	0	13938	0	0	0	0	0	Continuing	Continuing

NOTE: This Program Element (PE) does not match the earlier R-1 submission. There was a net zero sum transfer of funds between Ground Base Misdcourse, PE 0603882C, Project 3012, -\$2.510K and THAAD, PE 0604861C, Project 2011, +\$2.510K.

A. Mission Description and Budget Item Justification
The THAAD program was restructured from project 2260 in FY 2001 to project 2011 in FY 2002 – FY 2007.

The mission of the Theater High Altitude Area Defense (THAAD) system is to defend against short and medium range Ballistic Missiles (BMs) and other near-term threats from long range and endo- and exo-atmospheric altitudes. THAAD is an element of the Terminal Defense System (TDS). The MDA Director approves the TDS capability-based development and selective upgrades of defensive capabilities that engage and negate ballistic missiles in the terminal phase of their trajectory. THAAD's long-range capability will protect U. S. and allied armed forces, broadly dispersed assets and population centers against BM attacks. THAAD's capability to intercept at endo- and exo-atmospheric altitudes makes effective countermeasures to THAAD difficult, allows multiple intercept opportunities, and will significantly mitigate the effects of weapons of mass destruction. The THAAD element development phase will refine and mature the system design to ensure component and system performance, producibility, and supportability. The THAAD program is employing a low-risk spiral development approach. Five major components (missiles, launchers, radar(s), Battle Management/Command and Control (BM/C²), and THAAD-specific support equipment) will be integrated into the THAAD element and BMDS. The flow down of BMD System capability specifications resulting from Missile Defense National Team efforts in BM/C² and Systems Engineering & Integration will guide the integration of THAAD into the BMD System, the BMDS BM/C² architecture, and the Ballistic Missile Defense (BMD) Test Bed.

Program operations funding includes the required personnel and management support. This infrastructure includes items such as: travel; personnel and related facility support costs; statutory and fiscal requirements, and support service contracts.

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BUDGET ACTIVITY

5 - Engineering and Manufacturing Development

PE NUMBER AND TITLE

0604861C THAAD System

B. Program Change Summary	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>
Previous President's Budget (FY 2002 APB)	549945		762191*
Appropriated Value		872481	
BMDO Adjustments	-5025		
Adjustments to Appropriated Value	-14488		
a. Congressional General Reductions		-5951	
b. SBIR / STTR			
c. Omnibus or Other Above Threshold Reductions			
d. Below Threshold Reprogramming			
e. Rescissions			
Adjustments to Budget Years Since FY 2002 APB	-19513		172490**
Fiscal Year (FY) 2003 Budget Estimate	530432	866530	934681

Change Summary Explanation:

FY2001 (-7447): Congressional general reductions.
 (-1500): SIAP Reprogramming.

FY 2002 Congressional reductions of -5951.

* FY 2003 Previous Administration's President's Budget.

**This program was restructured starting in FY 2002.

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BUDGET ACTIVITY 5 - Engineering and Manufacturing Development	PE NUMBER AND TITLE 0604861C THAAD System	PROJECT 2011
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COST <i>(In Thousands)</i>	FY2001 Actual	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY2007 Estimate	Cost to Complete	Total Cost
2011 Theater High Altitude Area Defense (THAAD)	0	852592	934681	714679	830204	920988	1131109	Continuing	Continuing

See R-2 Note

A. Mission Description and Budget Item Justification

The Theater High Altitude Area Defense (THAAD) is an element of the Terminal Defense Segment (TDS) of the Ballistic Missile Defense System (BMDS). TDS allocates resources to support development and selective upgrades of defensive capabilities that engage and negate ballistic missiles in the terminal phase of their trajectory. The mission of the THAAD system is to defend against short and medium range Ballistic Missiles (BMs) and other near-term threats from long range and endo- and exo-atmospheric altitudes. THAAD's long-range capability will protect U. S. and allied armed forces, broadly dispersed assets and population centers against BM attacks. THAAD's capability to intercept at endo- and exo-atmospheric altitudes makes effective countermeasures to THAAD difficult, allows multiple intercept opportunities, and will significantly mitigate the effects of weapons of mass destruction. The THAAD element development phase will refine and mature the system design to ensure component and system performance, producibility, and supportability. The THAAD program is employing a low-risk spiral development approach. Five major components (missiles, launchers, radar(s), Battle Management/Command and Control (BM/C²), and THAAD-specific support equipment) will be integrated into the THAAD element and BMDS. Additionally, the program will investigate the integration of THAAD into the BMDS, BMDS Command and Control Elements, and the BMD Test Bed (BTB). THAAD will follow the Missile Defense Agency's capability-based acquisition strategy that emphasizes testing, spiral development, and evolutionary acquisition through the use of two-year capability blocks.

Block 2004 THAAD Technical and schedule risk reduction through early component deliveries, system integration and verification in Hardware-In-The-Loop testing and additional flight testing. Early component deliveries include BM/C² and radar software development, first and second radars, missile sub-assembly development, integration and testing. Block 2004 provides the opportunity to decide whether to continue acquisition of test assets that could be available for a limited contingency capability.

Block 2006 THAAD Block 2006 represents the earliest opportunity for THAAD to transition to initial production. A single firing unit (one radar, BM/C², launcher and missiles) will be available that will have the capability to defeat short and medium range ballistic missiles and other near-term threats. Flight testing, production qualification and initial operational testing of all THAAD system components will be successfully completed and all production facilities capabilities will be verified.

Block 2008, 2010, and 2012 THAAD Represents the incremental capability delivered as part of THAAD's evolutionary acquisition/development strategy. These blocks build on the core, near-term missile defense capability provided by THAAD Block 2006. These blocks expand the capabilities of the THAAD system to address longer range and more advanced threats. These blocks will implement multiple battery and highly integrated BMDS engagement operations; additionally, upgraded missile and radar software will specifically enhance the system's performance in the presence of sophisticated countermeasures.

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BUDGET ACTIVITY		February 2002
5 - Engineering and Manufacturing Development	PE NUMBER AND TITLE	PROJECT
	0604861C THAAD System	2011
<p>FY 2001 Accomplishments: Funding for this project exists and is in Project 2260, Program Element 0604861C</p>		
<p>FY 2002 Planned Program:</p> <ul style="list-style-type: none"> • Ground Based Projects Block 2004 THAAD • 160000 Initiate technical and schedule risk reduction efforts to establish early Hardware-In-The-Loop facilities, initiate early component deliveries and prepare for additional flight testing. Early component fabrication, including initiating earlier BM/C² and radar software development, first and second radars hardware fabrication, and missile sub-assembly development, integration, and testing. • Ground Based Projects Block 2006 THAAD • 617309 Continue missile, radar, BM/C², and launcher hardware and software development. Conduct missile, launcher, and system Preliminary Design Reviews (PDRs). Conduct BM/C² and launcher Critical Design Reviews (CDRs). Begin first developmental radar and battle manager fabrication. Initiate prototype and brassboard missile component testing. Continue missile risk reduction testing. • 36520 Support Contracts: Continue software independent verification and validation. Continue development of Simulation-Over-Live-Driver (SOLD). Perform technical analysis support. • 14540 Other Government Agencies (OGAs), Government Furnished Equipment (GFE)/other: Continue system Hardware-In-The-Loop development efforts. Continue BM/C² interoperability and simulation efforts. Continue threat vulnerability assessment. Maintain integrated logistics and product assurance efforts. Perform quality and manufacturing technology tasks. Continue MIT/LL efforts. • 20028 In-house support: Fund government salaries, benefits, travel, and training (includes MITRE). • 1064 Test Planning: Initiate integration into White Sands Missile Range (WSMR) and the BMD Test Bed. • 3131 Lethality: Conduct lethality planning and model design. <p>Total 852592</p>		
<p>FY 2003 Planned Program:</p> <ul style="list-style-type: none"> • Ground Based Projects Block 2004 THAAD • 175000 Continue early establishment of system Hardware-In-The-Loop capability and missile, radar, launcher and BM/C² component hardware and software development for early verification of system integration. Continue earlier fabrication of radars #1 and #2 to support additional ground and flight testing in FY 2005 and FY 2006. • Ground Based Projects Block 2006 THAAD 		
Project 2011	Page 4 of 15 Pages	Exhibit R-2A (PE 0604861C)

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BMDO RDT&E BUDGET ITEM JUSTIFICATION (R-2A Exhibit)		DATE
5 - Engineering and Manufacturing Development		February 2002
BUDGET ACTIVITY	PE NUMBER AND TITLE	PROJECT
5 - Engineering and Manufacturing Development	0604861C THAAD System	2011
<ul style="list-style-type: none"> • 662329 Continue missile, radar, BM/C², and launcher hardware and software development. Conduct missile and launcher CDRs and initiate fabrication of launcher and missile ground test units. Support range activation and operation activities at WSMR and the BMD Test Bed (BTB) at the Pacific Missile Range Facility (PMRF). Continue system integration into BTB. Continue fabrication of EMD Radar #2. Continue launcher and battle manager test beds. Complete assembly of radar antenna #1 and begin calibration and testing. • 47000 Support Contracts: Continue software independent verification and validation. Continue development of simulation-over-live-driver. Perform technical analysis support. • 19132 Other Government Agencies (OGAs), Government Furnished Equipment (GFE)/other: Initiate THAAD range operations at WSMR and BTB at PMRF and continue system Hardware-In-The-Loop development efforts. Continue BM/C² interoperability and simulation efforts. Continue threat vulnerability assessment. Maintain integrated logistics and product assurance efforts. Perform quality and manufacturing technology tasks. Prepare for soldier participation in early flight testing. • 20000 In-house support: Fund government salaries, benefits, travel, and training (includes MITRE). • 6620 Test Planning: Continue test planning for WSMR and BTB. • 4600 Lethality: Conduct lethality simulation code validation and planning. Initiate lethality test article development. • 		
Total	934681	

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BUDGET ACTIVITY 5 - Engineering and Manufacturing Development	PE NUMBER AND TITLE 0604861C THAAD System	PROJECT 2011
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B. <u>Other Program Funding Summary</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	To <u>Compl</u>	Total <u>Cost</u>
PE 0604861C	530432								
PE 0603875C	125805								
PE 0603880C		807993	1065982	1208546	1157025	1139885	1176979	Cont	Cont
PE 0603881C		200119	169974	200171	234318	228443	367744	Cont	Cont
PE 0603882C		3762250	3192594	3071581	3016343	2969142	2595708	Cont	Cont
PE 0603883C		599835	796927	1389817	1399902	1591160	2274654	Cont	Cont
PE 0603884C		335338	373447	489181	1145680	899806	1007660	Cont	Cont
PE 0603175C		139340	121751	155056	130299	142785	147457	Cont	Cont
PE 0604861C*		750	23400	12255	13390			Cont	Cont

*DD Form 1391s have been prepared for the THAAD associated BMDS Test Bed at PMRF and other THAAD MILCON budget items. These dollars are part of the overall THAAD budget and should be **added** to the dollars on page 1 to provide total budget required.

C. Acquisition Strategy: THAAD will follow the Missile Defense Agency's capability-based acquisition strategy that emphasizes testing, spiral development, and evolutionary acquisition through the use of two-year capability blocks.

D. <u>Schedule Profile</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>
Launcher PDR		3Q					
Missile PDR		3Q					
BM/C ³ I CDR		3Q					
System PDR		4Q					
Launcher CDR			2Q				
Missile CDR			3Q				
System CDR				1Q			
Block 2004 Flight Tests Begin				4Q			
Earliest decision to initiate Block 2008					1Q		
Radar 1 Integration & Test Complete					2Q		
Radar 2 Integration & Test Complete					3Q		
Award 14 Missile Option for Block 2006 for IOTE					3Q		
Block 2006 Production Qualification Test Ready					3Q		

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BUDGET ACTIVITY 5 - Engineering and Manufacturing Development				PE NUMBER AND TITLE 0604861C THAAD System			PROJECT 2011
Block 2006 Production Readiness Review Assessment					3Q		
Block 2006 Flight Tests Begin					4Q		
Earliest opportunity for transition to Block 2006 production						1Q	
Project 2011		<i>Page 7 of 15 Pages</i>				0604861C)	

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BMDO RDT&E COST ANALYSIS (R-3)

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BUDGET ACTIVITY
5 - Engineering and Manufacturing Development

PE NUMBER AND TITLE
0604861C THAAD System

PROJECT
2011

I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Block 2004/2006										
a. System Design	CPAF/FF	LMSSC, CA/AL		316000	1Q	215000	1Q	Cont	531000	
b. Fabrication of missile components	CPAF/FF	LMSSC, CA		141000	1Q	200000	1Q	Cont	341000	
c. Fabrication of radars	CPAF/FF	LM/Raytheon, MA		242000	1Q	270000	1Q	Cont	512000	
d. Activation of ranges	CPAF/FF	LMSSC, CA/AL		16309	1Q	21329	1Q	Cont	37638	
e. System integration/HWIL	CPAF/FF	LMSSC, CA/AL		27000	1Q	40000	1Q	Cont	67000	
f. Fabricate ground assemblies/product lines	CPAF/FF	LMSSC, CA		35000	1Q	51000	1Q	Cont	86000	
g. 10 add'l test bed missiles						40000	1Q	Cont	40000	
Subtotal Product Development:				777309		837329			1614638	

Remark: All of the effort above is part of the THAAD EMD contract with Lockheed Martin and their major subcontractor Raytheon. Line a: Completion of system design and component/sub-assembly testing (missile, launcher, radar, BMC2); Line b: Fabrication of missile sub-assemblies and test facilities to conduct intensive ground testing in FY04-FY05; Line c: Completion of Radar #1 in FY03 and continued radar #2 fabrication; Line d: Activation of two ranges for flight testing in FY04 and FY05 (Pacific Missile Range Facility and White Sands Missile Range); Line e: Complete system integration and analysis in Hardware-in-the-Loop; Line f: Fabrication of ground component hardware and establishment/verification of production lines to produce production representative hardware for ground and flight testing in FY04/05; Line g: 10 additional test bed missiles.

II. Support Costs	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a. Support Contractor	Various	Various		35920	1Q/2Q	47000	1Q/2Q	Cont	82920	
b. OGAs	MIPR	Various		14540	1Q/2Q	19132	1Q/2Q	Cont	33672	
c. In-house Support	Various	Various		17028	1Q/2Q	17000	1Q/2Q	Cont	34028	
Subtotal Support Costs:				67488		83132		Cont	150620	

Remark:

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BUDGET ACTIVITY 5 - Engineering and Manufacturing Development	PE NUMBER AND TITLE 0604861C THAAD System	PROJECT 2011
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III. Test and Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a. Test Planning	MIPR	Various		1064	2Q	6620	2Q	Cont	7684	
b. Lethality/LFT&E	Various	Various		3131	2Q	4600	2Q	Cont	7731	
Subtotal Test and Evaluation:				4195		11220			15415	

Remark:

IV. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a. Support Contractor	MIPR/FFRDC	MIT/LL, Lexington, MA		600	2Q		2Q	Cont	600	
b. In-house Support	MIPR/FFRDC	Mitre, Ft. Monmouth, NJ		3000	2Q	3000	2Q	Cont	6000	
Subtotal Management Services:				3600		3000			6600	

Remark:

Project Total Cost:				852592		934681			1787273	
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BMDO RDT&E BUDGET ITEM JUSTIFICATION (R-2A Exhibit)							DATE February 2002		
BUDGET ACTIVITY 5 - Engineering and Manufacturing Development				PE NUMBER AND TITLE 0604861C THAAD System				PROJECT 2260	
COST (In Thousands)	FY 2001 Actual	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	Cost to Complete	Total Cost
2260 Theater High Altitude Area Defense (THAAD)	530432	0	0	0	0	0	0	0	0
<p>A. <u>Mission Description and Budget Item Justification</u></p> <p>The THAAD System Engineering and Manufacturing Development (EMD) phase will refine and mature the Program Definition and Risk Reduction (PDRR) system design to ensure component and system performance, producibility, and supportability. The mission of the THAAD System is to defend against short and medium range Theater Ballistic Missiles (TBMs) from long range and high altitudes. THAAD's long range capability will protect U. S. and allied Armed Forces, broadly dispersed assets and population centers against TBM attacks. THAAD's capability to intercept at high altitudes allows multiple intercept opportunities and will significantly mitigate the effects of weapons of mass destruction. The THAAD System consists of missiles, launchers, and radar(s), Battle Management/Command, Control, Communications, and Intelligence (BM/C³I) units, and support equipment. THAAD will follow the Missile Defense Agency's capability-based acquisition strategy that emphasizes testing, spiral development, and evolutionary acquisition through the use of two-year capability blocks.</p> <p>FY 2001 Accomplishments:</p> <ul style="list-style-type: none"> • 434736 Funded EMD contract with Lockheed. Continued hardware and software development for the missile, radar, launcher, and BM/C². Conducted BM/C² Preliminary Design Review. Conducted radar Critical Design Review. • 59299 Support contracts and Other Government Agencies: continued support to include software independent verification and validation; technical analysis and evaluation; hardware-in-the-loop efforts; vulnerability assessment; logistics, product assurance, test, and manufacturing efforts; Government Furnished Equipment; Simulation-Over-Live-Driver (SOLD); and PEO support. • 18582 In-house support to include government salaries and benefits, travel, training, equipment, and Automated Data Processing (ADP). • 17815 BMDO support, Operational Test and Evaluation (OT&E) work. <p>Total 530432</p> <p>FY 2002 Planned Program:</p> <ul style="list-style-type: none"> • The THAAD program is under project 2011 beginning in FY 2002. <p>Total 0</p> <p>FY 2003 Planned Program:</p> <ul style="list-style-type: none"> • <p>Total 0</p>									
Project 2260	Page 10 of 15 Pages					Exhibit R-2A (PE 0604861C)			

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B. <u>Other Program Funding Summary</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	To <u>Compl</u>	Total <u>Cost</u>
PE 0604865C	81892								
PE 0604867C	267453								

D. C. Acquisition Strategy: The EMD contract was a sole source award to the Dem/Val contractor team (as approved September 15, 1995 by Under Secretary of Defense for Acquisition, Technology, and Logistics utilizing the DoD Acquisition Streamlining approach) with Lockheed Martin Space Systems Company being the prime and Raytheon Company being the major subcontractor. The EMD contractor team will become the contractor team for the Low Rate Initial Production (LRIP) and Full Rate Production (FRP) phases. This single prime contractor will have total system performance responsibility for the EMD, LRIP, and FRP phases.

D. <u>Schedule Profile</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>

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BUDGET ACTIVITY 5 - Engineering and Manufacturing Development	PE NUMBER AND TITLE 0604861C THAAD System	PROJECT 2260
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I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a. THAAD Project	CPAF/FF	LMSSC, Sunnyvale, CA & Huntsville, AL	512263						512263	
Subtotal Product Development:			512263						512263	

Remark:

II. Support Costs	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a. SETA	Various	Huntsville, AL	39814						39814	
b. OGAs	MIPR	Various	16330						16330	
c. Program Mgmt	Various	Huntsville, AL	17470						17470	
d. BMDO-Hercules	Various	Various	9000						9000	
Subtotal Support Costs:			82614						82614	

Remark:

III. Test and Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a. Test Planning	MPIR/Various	Various	2560						2560	
b. OT&E	Various	Various	1244						1244	
Subtotal Test and Evaluation:			3804						3804	

Remark:

IV. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a. MIT/LL	MIPR/FFRDC	Lexington, MA	1200						1200	
b. Mitre	MIPR/FFRDE	Ft. Monmouth, NJ	3067						3067	
c. BMDO-Test Support	Various	Various	3750						3750	

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c. BMDO-Test Support Radar	Various	Various	3750							3750	
Subtotal Management Services:			8017							8017	

Remark:

Project Total Cost:			606698							606698	
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BUDGET ACTIVITY 5 - Engineering and Manufacturing Development				PE NUMBER AND TITLE 0604861C THAAD System			PROJECT 2090			
COST (In Thousands)	FY2001 Actual	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY2007 Estimate	Cost to Complete	Total Cost	
2090 Program Operations	0	13938	0	0	0	0	0	Continuing	Continuing	
<p>A. <u>Mission Description and Budget Item Justification</u></p> <p>This project covers personnel and related facility support costs, statutory and fiscal requirements, and support service contracts.</p> <p>Personnel covers government civilians performing program-wide oversight functions such as financial management, contracting, security, information systems support, and legal services at Missile Defense Agency's (MDA's) Executing Agents within the US Army Space & Missile Defense Command, US Army PEO Air and Missile Defense, US Navy PEO for Theater Surface Combatants, US Air Force and the Joint National Integration Center. Related facility costs include rents, utilities, supplies, ADP equipment, and all the associated operation and maintenance activities.</p> <p>Fiscal Requirements include reimbursable services acquired through the Defense Working Capital Fund (DWCF) such as accounting services provided by the Defense Finance and Accounting Services (DFAS); reserves for special termination costs on designated contracts; and provisions for terminating other programs as required. BMDO has additional requirements to provide for foreign currency fluctuations on its limited number of foreign contracts. Also includes funding for charges to canceled appropriations in accordance with Public Law 101-510.</p> <p>Assistance required to support BMD program-wide management functions is also contained in this project. This assistance ranges from operational contracts to support functions such as ADP operations, Access control offices and graphics support, to efforts required to supplement MDA and Executing Agent government personnel. Typical efforts include cost estimating; security management; information management; technology integration across MDA projects; and assessment of schedule, cost and performance, with attendant documentation of the many related programmatic issues. The requirements for this area are based on most economical and efficient utilization of contractors versus government personnel.</p> <p>FY 2001 Accomplishments:</p> <ul style="list-style-type: none"> • Total 0 Funding for this project exists and is provided under the Family of Systems project, Program Element 0603873C. <p>FY 2002 Planned Program:</p> <ul style="list-style-type: none"> • 13938 Provides management and support for overhead/indirect fixed costs such as civilian payroll, travel, rents & utilities, and supplies. Total 13938 										
Project 2090	Page 14 of 15 Pages					Exhibit R-2 (PE 0604861C)				

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BUDGET ACTIVITY 5 - Engineering and Manufacturing Development	PE NUMBER AND TITLE 0604861C THAAD System	PROJECT 2090
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FY 2003 Planned Program:

- 0 Fiscal Year 2003 through 2007 funding is provided under project 2090 in the Terminal Defense Segment, Program Element 0603881C.

Total 0

B. <u>Other Program Funding Summary</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	To <u>Compl</u>	Total <u>Cost</u>
N/A									

C. Acquisition Strategy:
N/A

D. <u>Schedule Profile</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>
N/A							