

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)

February 2005

BUDGET ACTIVITY 7 - Operational system development				PE NUMBER AND TITLE 0603820A - Weapons Capability Modifications UAV				PROJECT D20		
COST (In Thousands)	FY 2004 Actual	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	Cost to Complete	Total Cost
D20 UAV WEAPONIZATION CAPABILITY MOD	0	0	0	16281	3871	0	0	0	0	20152

A. Mission Description and Budget Item Justification: Weaponization of UAVs addresses the full scale development and integration of a weaponization capability modifications for UAV systems to include the refinement of requirements, the iterative selection of the optimum weapons matched to the aircraft capabilities, hardware and software design, development, and integration with UAV systems. This will include requisite airframe, mission management software, or weapon compatiability modifications to allow UAVs to carry and employ weapons. A spectrum of test will be required to ensure reliable, safe, accurate, and timely weapons stowage and delivery.

<u>Accomplishments/Planned Program</u>	FY 2004	FY 2005	FY 2006	FY 2007
System Development Demonstration	0	0	0	12881
IOT&E / Limited User Test (LUT)	0	0	0	3400
Totals	0	0	0	16281

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<u>B. Program Change Summary</u>	FY 2005	FY 2006	FY 2007
Previous President's Budget	0	0	0
Current Budget (FY 2006/2007 PB)	0	0	16281
Total Adjustments	0	0	16281
Net of Program/Database Changes			
Congressional program reductions			
Congressional rescissions			
Congressional increases			
Reprogrammings			
SBIR/STTR Transfer			
Adjustments to Budget Years			16281

Fy 07: Funds were added for ER/MP Weaponization

C. Other Program Funding Summary: Not applicable for this item.

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D. Acquisition Strategy: Development/Integration of an extended range air vehicle will include a two phased approach. Phase I involves a paper downselect of two vendors. Phase II involves a competition and downselect with a flyoff to one qualified airframe vendor. This vendor will be integrated into the One System Ground Control Equipment. Initial activities would include Requirements Analysis and preparation of a Request for Proposal. Long lead items for the one system integration and testing will be ordered.

ARMY RDT&E COST ANALYSIS(R3)

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I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . System Development Demonstration		TBD	0	0		0		12881	1-2Q	0	12881	0
Subtotal:			0	0		0		12881		0	12881	0

II. Support Cost	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Subtotal:			0	0		0		0		0	0	0

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III. Test and Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . IOT&E / LUT		TBD	0	0		0		3400	1-3Q	0	3400	0
Subtotal:			0	0		0		3400		0	3400	0

IV. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Subtotal:			0	0		0		0		0	0	0

Project Total Cost:			0	0		0		16281		0	16281	0
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Schedule Detail (R4a Exhibit)

February 2005

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PE NUMBER AND TITLE **PROJECT**
0603820A - Weapons Capability Modifications UAV **D20**

<u>Schedule Detail</u>	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
System Development Demonstration				1-2Q	1-2Q			
IOT&E / Limited User Test (LUT)				1-3Q	1-3Q			