

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R-2 Exhibit)							June 2001			
BUDGET ACTIVITY 5 - ENG MANUFACTURING DEV			PE NUMBER AND TITLE 0604619A - Landmine Warfare					PROJECT 088		
COST (In Thousands)	FY 2000 Actual	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	Cost to Complete	Total Cost
088 WIDE AREA MINE ENG DEV	12862	15756	18938	0	0	0	0	0	0	0
<p><u>A. Mission Description and Budget Item Justification:</u></p> <p><u>PLEASE NOTE:</u> This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.</p> <p>The Wide Area Munition (WAM), a "smart," remotely-reprogrammable antitank weapon, provides unique control and offensive capability for a variety of missions. WAM will significantly reduce Army losses by using advanced smart munitions technology on the battlefield. The program provides for System Development and Demonstration of a pre-planned product improvement to Basic WAM which will provide a two-way command and control redeployment capability and enhancements to the sublet and ground platform, to include the Global Positioning System (GPS). This system supports the Legacy to Objective transition path of the Transformation Campaign Plan (TCP).</p> <p><u>FY 2000 Accomplishments</u></p> <ul style="list-style-type: none"> • 3250 Completed Platform Module Mechanical Testing • 4112 Completed Ground Process Electronic Brassboards • 5500 Continued Munition Receiver Transmitter, Control Station, and Antenna Development <p>Total 12862</p> <p><u>FY 2001 Planned Program</u></p> <ul style="list-style-type: none"> • 4900 Complete Munition Receiver/Transmitter and Control Station Development • 2635 Conduct Sublet Modifications • 7752 Conduct Munition Integration • 469 Small Business Innovative Research/Small Business Technology Transfer (SBIR/STTR) <p>Total 15756</p>										

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PROJECT

088**FY 2002 Planned Program**

- 5376 Complete Sublet Modifications
- 5158 Complete Munition Integration
- 2084 Complete System Software Development
- 670 Conduct Logistics Demonstration
- 3773 Conduct System Demonstration and Limited User Test
- 1877 Conduct Trainer Development

Total 18938

<u>B. Program Change Summary</u>	FY 2000	FY 2001	FY 2002	FY 2003
Previous President's Budget (FY2001 PB)	13218	15902	18853	0
Appropriated Value	13318	15902	0	0
Adjustments to Appropriated Value	0	0	0	0
a. Congressional General Reductions	0	0	0	0
b. SBIR / STTR	-356	0	0	0
c. Omnibus or Other Above Threshold Reduction	-54	0	0	0
d. Below Threshold Reprogramming	0	0	0	0
e. Recissions	-46	-146	0	0
Adjustments to Budget Years Since FY2001 PB	0	0	85	0
Current Budget Submit (FY 2002/2003 PB)	12862	15756	18938	0

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C. Other Program Funding Summary	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Compl	Total Cost
WAM, E78100 (PAA)	15191	19108	2025	0	0	0	0	0	0	0
WAM Remote Control Unit, G01000 (OPA)	0	0	3317	0	0	0	0	0	0	0
WAM Individual Trainer, E78103 (PAA)	1775	1519	3822	0	0	0	0	0	0	0
WAM Collective Trainer, E78104 (PAA)	0	0	1954	0	0	0	0	0	0	0

D. Acquisition Strategy: The Basic WAM transitioned to Low Rate Production (LRP) in 3QFY96. A sole source Fixed Price Incentive Fee contract was awarded to the Engineering and Manufacturing Development (EMD) contractor for the LRP quantity. Production buys will be included under the LRP contract as Firm Fixed Price options. A sole source Cost Plus Incentive Fee contract for the System Development and Demonstration Phase of an improved WAM was awarded to the Basic WAM developer in FY 1996.

E. Schedule Profile	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007
WAM Basic - Material Release		2Q		0	0	0	0	0
WAM PIP - MS C (TC LRP)			3Q	0	0	0	0	0
WAM PIP - Full Rate Production Decisison Review (TC-Standard)				0	0	0	0	0

ARMY RDT&E COST ANALYSIS(R-3)									June 2001			
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I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2001 Cost	FY 2001 Award Date	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . PIP Development & Demonstration	CPIF	Textron	51031	12097	1Q	10291	1Q	0	0	0	0	0
b . Basic EMD	CPIF	Textron	168381	0		0		0	0	0	0	0
Subtotal:			219412	12097		10291		0		0	0	0
II. Support Cost	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2001 Cost	FY 2001 Award Date	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . Engineering Support		ARDEC	24764	1931	1Q	2900	1Q	0	0	0	0	0
b . Engineering Support		Other Government Agencies (misc)	5414	609	1Q	1803	1Q	0	0	0	0	0
Subtotal:			30178	2540		4703		0		0	0	0

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III. Test and Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2001 Cost	FY 2001 Award Date	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 Support		ATEC	11734	150	1Q	3444	1-2Q	0	0	0	0	0
Subtotal:			11734	150		3444		0		0	0	0
IV. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2001 Cost	FY 2001 Award Date	FY 2002 Cost	FY 2002 Award Date	FY 2003 Cost	FY 2003 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . Program Management		PM-MCD, Picatinny Arsenal NJ	5979	500	1Q	500	1Q	0	0	0	0	0
b . SBIR/STTR			0	469		0		0	0	0	0	0
Subtotal:			5979	969		500		0		0	0	0
Project Total Cost:			267303	15756		18938		0		0	0	0