

## Exhibit P-40, Budget Item Justification Sheet

Date:

June 2001

Appropriation/Budget Activity/Serial No:

Procurement of W&amp;TCV, Army /2/WEAPONS AND OTHER COMBAT VEHICLES

P-1 Item Nomenclature

HOWITZER LT WT 155MM (T) (G01700)

Program Elements for Code B Items:

0604854A

Code:

B

Other Related Program Elements:

	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty												
Gross Cost					1.1							
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)					1.1							
Initial Spares												
Total Proc Cost					1.1							
Flyaway U/C												
Wpn Sys Proc U/C												

### Description:

**PLEASE NOTE:** 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.

The Lightweight 155mm Towed Howitzer (LW155) is a Joint USMC/Army Program. The LW155 replaces the M198 Towed Howitzer for both services. A 45% reduction in weight compared to the current system allows for greater strategic and tactical mobility while maintaining or improving range, weapon stability, accuracy, and durability. Battlefield mobility and rates of fire are also significantly improved creating a weapon that is more survivable and lethal. The LW155 includes Towed Artillery Digitization (TAD), a digital fire control system that will replace conventional fire control as the primary system. Conventional fire control will remain as a backup to the digital fire control. TAD will enable the LW155 Howitzer section to emplace faster and without survey, aiming posts or an aiming circle. Digital communications and an on-board antenna eliminate the need for wire to the Fire Direction Center and will increase dispersion and survivability on the battlefield. Modifications to the existing prime mover will enable the howitzer section to navigate, recharge the system and receive fire missions, all while moving to the next firing position. This system supports the Legacy transition path of the Transformation Campaign Plan (TCP).

### Justification:

FY02 and FY03 funding supports the procurement of long lead titanium and the procurement of five Lightweight 155mm Towed Howitzers. Funds required for the procurement of long lead titanium are necessary to support titanium plates, cylinders and castings which support the manufacturing of top and bottom carriage assemblies and cradle assemblies. Initial production howitzers will be fielded to the Training and Doctrine Command in FY04. Follow on howitzers will begin fielding to the Interim Brigade Combat Teams, and then to the Active Component's "first to fight" units. Planned procurement of LW155's continues through FY09, completing the Army Inventory Objective of 273 howitzers.

Exhibit P-5, Weapon WTCV Cost Analysis		Appropriation/Budget Activity/Serial No. Procurement of W&TCV, Army / 2 / WEAPONS AND OTHER COMBAT VEHICLES			P-1 Line Item Nomenclature: HOWITZER LT WT 155MM (T) (G01700)			Weapon System Type:			Date: June 2001		
WTCV Cost Elements	ID CD	FY 00			FY 01			FY 02			FY 03		
		TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
LONG LEAD Titanium Sponge HOWITZER/DIGITAL FIRE CONTROL XM777 Towed Howitzer Towed Artillery Digitization GOVERNMENT FURNISHED EQUIPMENT Watervliet Cannon Assembly Conventional Fire Control PROGRAM MANAGEMENT SUPPORT Government Engineering Support Contracted Program Support OTHER Engineering Change Proposals Initial Spares Fielding								582	5	116.364			
								525					
Total								1107					

<b>Exhibit P-5a, Budget Procurement History and Planning</b>									Date: June 2001	
Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army / 2 / WEAPONS AND OTHER COMBAT VEHICLES				Weapon System Type:		P-1 Line Item Nomenclature: HOWITZER LT WT 155MM (T) (G01700)				
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>Titanium Sponge</b> FY 2002  <b>XM777 Towed Howitzer</b> <b>Watervliet Cannon Assembly</b> <b>Conventional Fire Control</b>	BAE SYSTEMS Barrow-in-Furness, UK	FFP	Picatinny Arsenal, NJ	Dec 01	Dec 02	5	116	No		Jun 01
REMARKS: Army Acquisition Objective is 273										

FY 02 / 03 BUDGET PRODUCTION SCHEDULE								P-1 Item Nomenclature: HOWITZER LT WT 155MM (T) (G01700)																Date: June 2001										
COST ELEMENTS	MFR	FY	SERV	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Fiscal Year 02												Fiscal Year 03												LATER			
										Calendar Year 02												Calendar Year 03												
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP				
Lightweight 155mm Towed Howitzer																																		
LW155 (USMC - For Information Only)																																		





