Exh	ibit P-40	, Budge	t Item J	ustifica	tion She	eet	Da	nte:	F	ebruary 2003		
Appropriation/Budget Acti Procurement of W&TCV, Arm	-	ther combat vehic	les			P-1 Item Nom HOV		WT 155MM (T	) (G01700)			
Program Elements for Cod	e B Items: 504854A			Code: B	Other Relate	ed Program Ele	ements:					
	Prior Years	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog
Proc Qty						28	56	88	38	23	40	273
Gross Cost			1.1		5.0	51.1	100.7	135.8	59.0	33.6	74.3	460.7
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)			1.1		5.0	51.1	100.7	135.8	59.0	33.6	74.3	460.7
Initial Spares												
Total Proc Cost			1.1		5.0	51.1	100.7	135.8	59.0	33.6	74.3	460.7
Flyaway U/C												
Wpn Sys Proc U/C						1.8	1.8	1.5	1.6	1.5	1.9	

## **Description:**

The Lightweight 155mm Towed Howitzer (LW155) is a Joint USMC/Army Program. A 40% reduction in weight compared to the current system allows for greater strategic and tactical mobility while improving range, weapon stability, accuracy, and durability. Significantly improved battlefield mobility creates a weapon that is more survivable and lethal. The LW155 includes a digital fire control system that will replace conventional fire control. Conventional fire control will remain as a backup to the digital fire control. The digital fire control 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 both the Legacy and Interim transition paths of the Transformation Campaign Plan (TCP).

## Justification:

FY04/05 procures 27 Lightweight 155mm Towed Howitzers (LW155). This quantity and the Army's overall procurement of LW155s are being planned as a joint multi-year buy with the Marine Corps for FY05-FY09. The LW155 replaces the M198 Towed Howitzer for the U.S. Army and USMC. It must be procured in FY05 to begin replacing the aging, heavier M198 howitzer. Additionally, the U.S. Army has decided the LW155 will be the cannon fire support for the Army's Stryker Brigade Combat Teams.

The United Kingdom and Italy are participating in the development of the LW155 under an MOU and are intending to continue this cooperation through production.

Exhibit P-5, Weapon WTCV Cost Analysis		Appropriation/E Procurement o Weapons and o	fW&TCV, A	rmy / 2 /		P-1 Line I HOWITZE	tem Nomenclatur R LT WT 155MM (*	е: Г) (G01700)		Weapon System	Гуре:	Date: Februa	ary 2003
WTCV	ID		FY 02			FY 03			FY 04			FY 05	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
LONG LEAD Titanium/Tooling/Fixtures, etc. LIGHTWEIGHT 155MM HOWITZER Howitzer PROGRAM MANAGEMENT SUPPORT Program Management/Admin/Facilities		\$000 1091	Units	\$000	\$000	Units	\$000	\$000 3132 1866	Units 27	\$000	\$000	Units 54	\$000 116 1500
Total		1091						4998			51097		

Exhibit P-5a, Budget Procure	ment History and Planning	W Ct	T		D 1 Line I	N	1-4	F	ebruary 2	003
ppropriation/Budget Activity/Serial No: rocurement of W&TCV, Army / 2 / Weapons and oth	er combat vehicles	Weapon Syste	em Type:		HOWITZER L	em Nomeno T WT 155MM				
VBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Iss Date
Titanium/Tooling/Fixtures, etc.										
FY 2002	BAE SYSTEMS Barrow-in-Furness, UK	FFP	Picatinny Arsenal, NJ	Feb 02	Oct 04			N/A	N/A	N/A
FY 2004	BAE SYSTEMS Barrow-in-Furness, UK	FFP	Picatinny Arsenal, NJ	Dec 03	Dec 04	27	116			
FY 2005	BAE SYSTEMS Barrow-in-Furness, UK	FFP	Picatinny Arsenal, NJ	Dec 04	Dec 05	54	116			
Howitzer FY 2005	BAE SYSTEMS	MYP/FFP	Picatinny Arsenal, NJ	Dec 04		27	1504			
	Barrow-in-Furness, UK		,		Oct 05					

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