

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2003

Appropriation/Budget Activity/Serial No:

Procurement of W&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 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/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: February 2003		
WTCV Cost Elements	ID CD	FY 02			FY 03			FY 04			FY 05		
		TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
LONG LEAD Titanium/Tooling/Fixtures, etc.		1091						3132	27	116	6264	54	116
LIGHTWEIGHT 155MM HOWITZER Howitzer											40500	27	1500
PROGRAM MANAGEMENT SUPPORT Program Management/Admin/Facilities								1866			4333		
Total		1091						4998			51097		

Exhibit P-5a, Budget Procurement History and Planning									Date: February 2003	
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 Units	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue 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 Barrow-in-Furness, UK	MYP/FFP	Picatinny Arsenal, NJ	Dec 04	Oct 05	27	1504			
REMARKS: A joint service multi-year contract is anticipated with the USMC commencing in FY05.										

FY 02 / 03 BUDGET PRODUCTION SCHEDULE							P-1 Item Nomenclature: HOWITZER LT WT 155MM (T) (G01700)													Date: February 2003												
COST ELEMENTS	MFR	FY	SERV	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Fiscal Year 02												Fiscal Year 03												L A T E R	
							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																																
	1	FY 05	A	27	0	27																						27				
	1	FY 06	A	54	0	54																						54				
	1	FY 07	A	86	0	86																						86				
	1	FY 08	A	37	0	37																						37				
	1	FY 09	A	23	0	23																						23				
LW155 (USMC - For Information Only)																																
	1	FY 03	MC	34	0	34												A										34				
	1	FY 04	MC	60	0	60																						60				
	1	FY 05	MC	110	0	110																						110				
	1	FY 06	MC	120	0	120																						120				
	1	FY 07	MC	53	0	53																						53				

FY 06 / 07 BUDGET PRODUCTION SCHEDULE							P-1 Item Nomenclature: HOWITZER LT WT 155MM (T) (G01700)																	Date: February 2003											
COST ELEMENTS	M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Fiscal Year 06													Fiscal Year 07													L A T E R		
										Calendar Year 06										Calendar Year 07															
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Lightweight 155mm Towed Howitzer																																			
	1	FY 05	A	27	0	27	2	2	2	2	2	2	2	2	2	3	3	3															0		
	1	FY 06	A	54	0	54													3	4	4	4	4	5	5	5	5	5	5	5	5	5	0		
	1	FY 07	A	86	0	86																											86		
	1	FY 08	A	37	0	37																											37		
	1	FY 09	A	23	0	23																											23		
LW155 (USMC - For Information Only)																																			
	1	FY 03	MC	34	34	0																											0		
	1	FY 04	MC	60	48	12	6	6																									0		
	1	FY 05	MC	110	0	110			8	8	8	8	9	9	10	10	10	10	10	10													0		
	1	FY 06	MC	120	0	120															10	10	10	10	10	10	10	10	10	10	10	10	20		
	1	FY 07	MC	53	0	53																											53		
																														</					

