Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Justificatio	n: PB 2015	Army						Date: M	Date: March 2014		
Appropriation / Budget Activity / Budget Sub Activity: 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles	/ Budget S Army / BA (ther Comba	ub Activity)2: Weapon: t Vehicles	: s and Other	r Combat	P-11	ine Item N 700 / Howitz	P-1 Line Item Number / Title: G01700 / Howitzer Lt Wt 155mm (T)	e: 5mm (T)				
ID Code (A=Service Ready, B=Not Service Ready) : A	A		Program Ele	Program Elements for Code B Items:	le B Items:			Other Relate	Other Related Program Elements:	ments:		
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO*	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	545	-		-			1		ı	1	Continuing	Continuing
Gross/Weapon System Cost (\$ in Millions)	29.360	12.581		1	1	1	1	1	1	1	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	1	1	1	1	1	1	1	1	1	1	1	1
Net Procurement (P1) (\$ in Millions)	29.360	12.581	1	1	1	1	1	1	1	1	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	1	1		1	1	,	1	1	1	1	1	1
Total Obligation Authority (\$ in Millions)	29.360	12.581		1	1		1	-	1	1	Continuing	Continuing
(The following	y Resource Sum	mary rows are fo	r informational μ	urposes only. Th	ne corresponding	r budget request.	The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.	d elsewhere.)				
Initial Spares (\$ in Millions)	1	-	1	-	1	,	1	-	1	1	1	1
Flyaway Unit Cost (\$ in Thousands)	1	1	'	1	1	1	1	•	,	ı	1	1
Gross/Weapon System Unit Cost (\$ in Thousands)	53.872	-		-	-	-	-	-	-	-	Continuing	Continuing

^{*} The FY 2015 OCO Request will be submitted at a later date.

Description:

recoil and wheel arms. The combination of titanium structures and the use of hydraulic systems resulted in a significant weight savings over the M198 system (>7000 lbs.). Compared to the M198, the LW155 ender the LW155 is the cannon fire support for the Army's emplaces three-times faster and displaces four-times faster. It traverses 32 percent more terrain worldwide and is 70 percent more survivable than the M198. The LW155 is the cannon fire support for the Army's The Lightweight 155mm Howitzer (LW155), also known as the M777A2, provides direct, reinforcing, and general support fires to maneuver forces. It replaces all howitzers in all missions in the USMC and replaces the M198 howitzer as the general support artillery for light forces in the Army. The LW155 fires unassisted projectiles to a range of 15 miles and assisted projectiles to 19 miles. The addition of the accuracy. The LW155 is the first ground combat system whose major structures are made of high strength titanium alloy and the system makes extensive use of hydraulics to operate the breech, load tray, digital fire control system enables the weapon to program and fire the improved Excalibur precision-guided munition to ranges in excess of 25 miles with better than 10-meter Circular Error Probable (CEP) Stryker Brigade Combat Teams (SBCT) and is capable of firing the 155mm Excalibur Precision Munition and the Precision Guiddance Kit when available.

Secondar	Secondary Distribution	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	1	1	1	1	1	1	1	1	1
	Total Obligation Authority	8.221	1	1	1	1	1	1	1	1
ANG	Quantity	1	1		•	1	1	1	1	1
	Total Obligation Authority	4.360	1		1	1		1	-	1
Total:	Quantity	•	•	•	•	•	•	1	-	•
Secondary Distribution	Total Obligation Authority	12.581		•	٠				•	

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	get Line Iten	ال π	ustificat	ion: PB	3 2015	Army									Date	Date: March 2014	2014			
Appropriation / Budget Activity / Budget Sub Activity: 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles	Sudget Activing ant of W&TCV : Weapons &	ity / /, A Oth	Budge l rmy / B/ ier Com	t Sub A o N 02: W€ bat Vehi	ctivity: sapons icles	and Ot	her Cor	nbat	d ()	-1 Line 01700 /	P-1 Line Item Number / Title: G01700 / Howitzer Lt Wt 155mm (T)	u mber / er Lt Wt	Title: 155mr	(T) r						
ID Code (A=Service Ready, B=Not Service Ready) : A	', B=Not Service Ready	ły) : A				Program	Element	Program Elements for Code B Items:	e B Items	.;			Othe	Other Related Program Elements:	Program	ו Elemen	ts:			
Exhibits Schedule	nedule		Ā	Prior Years			FY 2013			FY 2014		FΥ	FY 2015 Base	se	FY	FY 2015 OCO	o.	FY	FY 2015 Total	al
Title*	Exhibits	2 €	CD Unit Cost	Oty (Each)	Total Cost	Total Cost Unit Cost (\$ K)	Qty (Each)	Total Cost	Total Cost Unit Cost (\$M)	Qty (Each)	Total Cost Unit Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost Unit Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost	Total Cost Unit Cost (\$ M) (\$ K)	Qty (Each)	Total Cost
Item - G01700 / Howitzer Lt Wt 155mm (T)	P-5	⋖	53.872	545	29.360	1	'	12.581	'	'	'	,	,	1	,	,	,	,	,	,
Total Gross/Weapon System Cost			53.872	545	29.360			12.581												

*For Items, Title represents the Item Number / Title [DODIC].

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification: No FY 2015 funding.

LI G01700 - Howitzer Lt Wt 155mm (T) Army

Exhibit P-5, Cost Analysis: PB 2015 Army				Date	Date: March 2014	
Appropriation / Budget Activity / Budget Sub Activity: 2033A / 02 / 10	P-1 Line Ite G01700 / H	P-1 Line Item Number / Title: G01700 / Howitzer Lt Wt 155mm (T)	π (T)	Item G01	Item Number / Title [DODIC]: G01700 / Howitzer Lt Wt 155mm (T)	ODICJ: /t 155mm (T)
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity (Units in Each)	545					1
Gross/Weapon System Cost (\$ in Millions)	29.360	12.581				1
Less PY Advance Procurement (\$ in Millions)		1				1
Net Procurement (P1) (\$ in Millions)	29.360	12.581		•	1	1
Plus CY Advance Procurement (\$ in Millions)		1	•	•	,	1
Total Obligation Authority (\$ in Millions)	29.360	12.581		•		•
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere,	I purposes only. The corr	esponding budget requests	are documented elsewhe	re.)		
Initial Spares (\$ in Millions)	•	1		•	•	
Gross/Weapon System Unit Cost (\$ in Thousands)	53.872	1		•	,	1
# The FY 2015 OCO Request will be submitted at a later date.						

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FY 2015 OCO	à
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FY 2014	č
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	Total
FY 2013	č
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		۵	Prior Years			FY 2013			FY 2014		FY	FY 2015 Base	0	FY	FY 2015 OCO	0	FY	FY 2015 Total	-e
Cost Elements	유명	ID Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost												
Flyaway Cost						`	1		`									`	
Recurring Cost																			
System Engineering / Program Management			1	19.360	1	1	3.360	1	1	1	'	1	1	,	1	1	1		1
Interim Contractor Support (ICS)/FSR/ NET			1	10.000	1	1	9.221	1	1	,	1	1		1	1	,	1		,
Subtotal: Recurring Cost				29.360			12.581												
Subtotal: Flyaway Cost				29.360			12.581												
Gross/Weapon System Cost		53.872	545	29.360			12.581												

Seconda	Secondary Distribution	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Army	Quantity					
	Total Obligation Authority	8.221				
ANG	Quantity					
	Total Obligation Authority	4.360	•	-	-	•
Total:	Quantity	•	•	•		
Secondary Distribution	Total Obligation Authority	12.581	•	•	•	•

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LI G01700 - Howitzer Lt Wt 155mm (T) Army

P-1 Line #23

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Justificatio	on: PB 2015	Army						Date: M	Date: March 2014		
Appropriation / Budget Activity / Budget Sub Activity: 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Vehicles / BSA 20: Mod of Weapons and Other Combat Veh	// Budget S Army / BA (ons and Oth	Sub Activity 32: Weapons ner Combat V	: s and Other Veh	Combat	P-11	P-1 Line Item Number / Title: GZ1700 / M777 Mods	umber / Titl Mods	:: •				
ID Code (A=Service Ready, B=Not Service Ready) : A	A :		Program Ele	Program Elements for Code B Items:	de B Items:			Other Relate	Other Related Program Elements:	ements:		
	Prior			FY 2015	FY 2015	FY 2015					7	
Resource Summary	Years	FY 2013	FY 2014	Base	*000	Total	FY 2016	FY 2017	FY 2018		FY 2019 Complete	Total
Procurement Quantity (Units in Each)	1	-		1	,	1	1	-	1	1	1	1
Gross/Weapon System Cost (\$ in Millions)	1	20.860	39.300	18.166	1	18.166	11.617	11.239	1	1	1	101.182
Less PY Advance Procurement (\$ in Millions)	1	1	1	1	1	1	1	1	1	1	1	1
Net Procurement (P1) (\$ in Millions)	1	20.860	39.300	18.166	1	18.166	11.617	11.239	1		1	101.182
Plus CY Advance Procurement (\$ in Millions)	1	1	1	,	,	1	1	1	1	1		1
Total Obligation Authority (\$ in Millions)	•	20.860	39.300	18.166		18.166	11.617	11.239				101.182
(The following	g Resource Sun	(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.	r informational p	urposes only. Th	ne corresponding	budget requests	s are documente	d elsewhere.)				
Initial Spares (\$ in Millions)	1	1	1	,	,	1	1	1	1	1	,	1
Flyaway Unit Cost (\$ in Thousands)	-	-	•	1	1	-	-	_	-	•	1	•
Gross/Weapon System Unit Cost (\$ in Thousands)	- (s	1		1	,	1		1	1	1	,	1

[#] The FY 2015 OCO Request will be submitted at a later date.

Description:

Excalibur Precision-Guided munitions now, and will be capable of firing the Precision Guidance Kit when available. It is a joint program between the Marine Corps and Army with additional Foreign Military Sales purchases from Canada and Australia. It is an excellent example of a successful joint service program with the Marine Corps. The M777A2 is seeing significant action in Afghanistan and has received very high marks for its performance. With the conclusion of the M777A2 US production in November 2013, the program will enter into the Sustainment Phase of its life cycle. Having now been in the field for almost 10 The LW155 (M777A2 howitzer) provides direct, reinforcing, and general artillery fire support to maneuver forces. The Army has fielded the M777A2 to their Stryker Brigade Combat Teams, Fires Brigades and the National Guard. The Army will begin fielding Infantry Brigade Combat Teams starting in FY14. The Marine Corps has fielded to all active and reserve units. The M777A2 is capable of fining the 155MM years, the howitzer is going through replacement of electronic components in its digital fire control system to maintain interoperability and fulfill JORD requirements that were deferred during development.

Č		2500	7	FY 2015	FY 2015	FY 2015	2500	75	2500	200
Second	secondary Distribution	FT 2013	FY 2014	base	2	Iotal	FT 2016	FT 2017	FT 2018	FT 2019
Army	Quantity	1		1	•	,	,	,	'	1
	Total Obligation Authority	18.357	32.475	11.018	1	11.018	7.022	6.789	1	1
ANG	Quantity	1	1	1	•	1	,	,	1	1
	Total Obligation Authority	2.503	6.825	7.148	•	7.148	4.595	4.450	,	1
Total:	Quantity									
Secondary Distribution	Total Obligation Authority	20.860	39.300	18.166		18.166	11.617	11.239	•	1
•	Total Obligation Authority	70.000	29.300	10.100	•	10.166		11.01		

LI GZ1700 - M777 Mods

Army

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	lget Line Ite	Ę	ustifica	tion: PE	3 2015 /	\rmy									Date	Date: March 2014	1 2014			
Appropriation / Budget Activity / Budget Sub Activity: 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod of Weapons and Other Combat Veh	udget Activent of W&TC	ity / V, A 3por	Budge rmy / B/ s and C	t Sub A 4 02: W)ther Cc	ctivity: eapons ombat V	and Oth eh	ner Cor	nbat	G .0	-1 Line Z1700 /	P-1 Line Item Number / Title: GZ1700 / M777 Mods	mber / lods	Title:							
ID Code (A=Service Ready, B=Not Service Ready) : A	, B=Not Service Reac	dy): A			-	rogram	Element	Program Elements for Code B Items:	B Items];;			Othe	r Related	Other Related Program Elements:	ı Elemen	ıts:			
Exhibits Schedule	edule		Ь	Prior Years	S		FY 2013			FY 2014		FΥ	FY 2015 Base	3e	FY	FY 2015 OCO	O,	FΥ	FY 2015 Total	al
Title*	Exhibits	유	Unit Cost	Otty (Each)	Total Cost Unit Cost (\$ K)	Unit Cost (\$ K)	Qty (Each)	Total Cost Unit Cost (\$M)	Unit Cost	Qty (Each)	Total Cost Unit Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost Unit Cost (\$ K)	Unit Cost (\$ K)	Qty (Each)	Total Cost Unit Cost (\$ K)	Unit Cost	Qty (Each)	Total Cost
P-3a - GZ1700 / Light Weight 155MM Towed Howitzer	P-3a		'	,	,	,	,	20.860	'	1	39.300	,	,	18.166		,	,	,	,	18.166
Total Gross/Weapon System Cost								20.860			39.300			18.166						18.166
Exhibits Schedule	edule			FY 2016			FY 2017			FY 2018		_	FY 2019		인	To Complete	te		Total	
Title*	Exhibits	유	Unit Cost	Qty (Each)	Total Cost Unit Cost (\$ K)	Unit Cost	Qty (Each)	Total Cost Unit Cost (\$M)	Unit Cost	Qty (Each)	Total Cost Unit Cost (\$ K)	Unit Cost	Qty (Each)	Total Cost Unit Cost (\$ M) (\$ K)	Unit Cost (\$ K)	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
P-3a - GZ1700 / Light Weight 155MM Towed Howitzer	P-3a				11.617			11.239											1	101.182
Total Gross/Weapon System Cost			•		11.617			11.239												101.182
*For the P-3a, Title represents the Modification Number / Title.	ents the Modificati	ion Nc	umber / Title	ai.																

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

ustification:

defense capability for artillery and a digital direct fire sight integrated with the DFCS will enhance the speed and accuracy for engaging targets and laying the howitzer on the direct fire target. An integrated digital FY 2015 Base Appropriation in the amount of \$18.166 million supports procurement and integration of a Digital Direct Fire Sight to the M777A2 Digital Fire Control System (DFCS). Direct Fire is a critical self direct fire sight is a Joint Operational Requirements Document(JORD) requirement that was deferred during development due to technical maturity and cost.

Funding supports the integration of the Electronic Thermal Warning Device(ETWD)onto the non-recolling structure of the howitzer. The ETWD commenced fielding in FY 2013 as an urgent replacement to the reduce the stress levels on this component improving the reliability of this critical safety component. The urgent fielding was required to address a firing restriction resulting from the MACS 232A1 charge. legacy mercury based thermal warning device which is mounted direct to the recoiling mass. Moving the ETWD from a recoiling to non-recoiling area of the weapon will greatly

Hydraulic Power Assist Kit (HyPAK), Muzzle Velocity Sensor System (MVSS) and Primer Feed Mechanism (PFM) Components. The PFM and ETWD retrofits are critical to addressing current field restrictions for firing the Modular Artillery Charge System (MACS) at extended ranges. Priority will be to the units deploying then to those first fielded, utilizing reset and overhaul opportunities as appropriate. Funding will continue to support field retrofits of previously contracted Engineering Change Proposals for the Improved Power Conditioning Control Module (I-PCCM), Electronic Thermal Warning Device (ETWD),

Funding will continue to support fielding of Computer Based Training and Computer Aided Instruction products. System complexity increases significantly as a result of planned increased software capability. These products will greatly increase proficiency, safety and mission fire accuracy and are supported by Army and USMC user communities.

Army

Exhibit P-3a, Individual Modification: PB 2015 Army	ation: PB	2015 Army							Date: M	Date: March 2014		
Appropriation / Budget Activity / Budget Sub Activity: 2033A / 02 / 20	//Budget	Sub Activity		P-1 Line Item Number / Title: GZ1700 / M777 Mods	Number / T Mods	itle:			Modifica GZ1700 / Howitzer	Modification Number / Title: GZ1700 / Light Weight 155MN Howitzer	Modification Number / Title: GZ1700 / Light Weight 155MM Towed Howitzer	Towed
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO*	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To FY 2019 Complete	Total
Procurement Quantity (Units in Each)	'	'	1	1		1	•	1	1		1	
Gross/Weapon System Cost (\$ in Millions)	'	20.860	39.300	18.166	1	18.166	11.617	11.239	1	1	1	101.182
Less PY Advance Procurement (\$ in Millions)	'	1	1	1	1	1	1	1	1	1	1	1
Net Procurement (P1) (\$ in Millions)	'	20.860	39.300	18.166	1	18.166	11.617	11.239	1	1	1	101.182
Plus CY Advance Procurement (\$ in Millions)	1	1	1	1		1	1	1	1	1	1	1
Total Obligation Authority (\$ in Millions)	•	20.860	39.300	18.166		18.166	11.617	11.239				101.182
(The following	ig Resource Su	(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere,	or informational p	urposes only. Th	ne corresponding	y budget request	s are documente	d elsewhere.)				
Initial Spares (\$ in Millions)	'	1	ı	1	1	1	1	1	1	1	,	1
Gross/Weapon System Unit Cost (\$ in Thousands)	- (S	,	1	1	1	1	1	1	1	1		1

^{*} The FY 2015 OCO Request will be submitted at a later date.

Description:Funding supports the refresh and field retrofit of the Digital Fire Control System (DFCS) components for 488 M777A2 Howitzers, to address obsolescence issues and provide enhancements to the user community. The technology used to develop the DFCS is now over 12 years old with numerous electronic components in production since 2002 experiencing sub-component obsolescence events over the past several years. It is critical to identify, qualify and procure various DFCS components prior to the current system becoming unsupportable. Funding will also address capability enhancements required by the user community to ensure continued interoperability using a combination of engineering change proposals and the acquisition of hardware.

Secondary	Secondary Distribution	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	1	1		•		1			1
	Total Obligation Authority	18.357	32.475	11.018	,	11.018	1	,	1	1
ANG	Quantity	•	,	1	,	•	-	,	1	1
	Total Obligation Authority	2.503	6.825	7.148	,	7.148		,	1	
Total:	Quantity									
Secondary Distribution	Total Obligation Authority	20.860	39.300	18.166		18.166	11.617	11.239		

P-1 Line #24

Exhibit P-3a, Individual Modification: PB 2015 Army	B 2015 Arm	<u>\</u>							Date: March 2014	rch 2014		
Appropriation / Budget Activity / Budget Sub Activity: 2033A / 02 / 20	et Sub Acti	vity:	P-1 Line l GZ1700 / I	P-1 Line Item Number / Title: GZ1700 / M777 Mods	er / Title:				Modificat GZ1700 / Howitzer	Modification Number / Title: GZ1700 / Light Weight 155MN Howitzer	Modification Number / Title: GZ1700 / Light Weight 155MM Towed Howitzer	Towed
Models of Systems Affected: M777A2		Modifi	Modification Typ	Type: Increase Performance	e Performa	ınce	Rel	Related RDT&E PEs:	&E PEs:			
	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Financial Plan		Qty (Each) / Total Cost (\$ M)	Qty (Each) I Total Cost (\$ M)	Oty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) I Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) I Total Cost (\$ M)	Oty (Each) / Oty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement				-						-		
Modification Item 1 of 6: Hardware Obsolescence												
A Kits												
Non-Recurring												
DFCS Components	- / -	418 / 13.350	70 / 2.863	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	488 / 16.213
Inertial Navigation Unit	- / -	- / -	- / -	- / -	- / -	- / -	244 / 8.200	244 / 8.220	- / -	- / -	- / -	488 / 16.420
Vehicle Motion Sensor	- / -	- / -	- / -	- / -	- / -	- 1 -	244 / 1.558	244 / 1.558	- / -	- / -	- / -	488/3.116
Engineering Change Proposal	- / -	- / -	- / 0.678	- / -	- / -	- 1 -	- / -	- / -	- / -	- / -	- / -	- / 0.678
Subtotal: Non-Recurring	- / -	- /13.350	- /3.541	- / -	- / -	- / -	- /9.758	- /9.778	- / -	- / -	- / -	- /36.427
Subtotal: Hardware Obsolescence	- / -	418/13.350	70/3.541	- / -	- / -	- / -	488/9.758	488/9.778	- / -	- / -	-/-	1,464 / 36.427
Modification Item 2 of 6: Modernization in Service												
A Kits												
Non-Recurring												
Enhanced Power Pack	- / -	418 / 6.467	70 / 1.406	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	488 / 7.873
Digital Direct Fire Sight	- / -	- / -	- / -	488 / 6.670	- / -	488 / 6.670	- / -	- / -	- / -	- / -	- / -	488 / 6.670
Electronic Thermal Warning Integration	- / -	- / -	- / -	488 / 3.140	- / -	488 / 3.140	- / -	- 1 -	- / -	- / -	- / -	488 / 3.140
Engineering Change Proposal	- / -	- / -	- 10.777	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- 10.777
Subtotal: Non-Recurring	- / -	- /6.467	- /2.183	- /9.810	- / -	- /9.810	- / -	- / -	- / -	- / -	- / -	- /18.460
Subtotal: Modernization in Service	- / -	418 / 6.467	70 / 2.183	976/9.810	. / .	976 / 9.810	- / -	- / -	- / -	- / -	- / -	1,464 / 18.460
Modification Item 3 of 6: Interoperability - Communication												
A Kits												
Non-Recurring												
Engineering Change Proposal	- / -	418 / 1.043	70 / 0.225	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	488 / 1.268
Electronic Communication Components	- / -	- 1 -	488 / 11.487	- / -	- / -	- 1 -	- / -	- / -	- / -	- 1 -	- / -	488 / 11.487
Subtotal: Non-Recurring	- / -	- /1.043	- /11.712	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- /12.755
Subtotal: Interoperability - Communication	- / -	418 / 1.043	558 / 11.712	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	976/12.755
Modification Item 4 of 6: Performance Based Life Cycle												
A Kits												
Recurring												
Interim Contractor Support	- / -	- / -	- / 9.014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.014
Systems Engineering	- / -	- / -	- /2.656	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- /2.656

LI GZ1700 - M777 Mods Army

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P-1 Line #24

Page	Exhibit P-3a, Individual Modification: PB 2015 Army	² B 2015 Arm	χί							Date: March 2014	-ch 2014		
Modification Types Fr 2015 Fr	Appropriation / Budget Activity / Budge 2033A / 02 / 20	et Sub Acti	vity:	P-1 Line I GZ1700 / I	tem Numb M777 Mods	er / Title:				Modificat GZ1700 /	ion Numb Light Weig	er / Title: ht 155MM	Lowed
Prior Years FY 2013 FY 2014 FY 2016 FY 2015 FY 2016 FY 2016 FY 2017 FY 2018 FY 2019 Total Cast (%) Total Cast (Models of Systems Affected: M777A2		Modifi		e: Increase	- Performa	ance .	Rel	ated RDT	REPES:			
Prior Veals Prior Veals Prior Veals Prior Veals Prior Prior Prior Prior Prior Prior Prior							200	2				ı	
Subtract Primarcial Plans		Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Noticial: Recurring based Life Cycle A Ntsi	Financial Plan	Oty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Oty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Oty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Oty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Particular Par	Subtotal: Recurring	- / -	- / -	- /11.670	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- /11.670
A first Partial Retroit Achidies	Subtotal: Performance Based Life Cycle	- / -		- /11.670	_	_		~	~	~		~	1
Recurring Activities	Modification Item 5 of 6: Field Retrofit Activities												
Fleaning Authorises	A Kits												
Subduct Activities	Recurring												
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Subtrate Frequenting	Engineering Change Orders	_	_		- / -	_	- / -	- / -	- / -	_	_	_	- /2.443
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A files Recurring Aides, Devices, A files Recurring Aides, Devices, A files Recurring Aides, Devices, A files Recurring Software Engineering Software	Subtotal: Field Retrofit Activities	_	_			_				_	\	\	
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Software Engineering Software Solutions Software Engineering Software Solutions Solutio	Recurring												
Subtotal: Recurring 1, 1, 24, 20.05 1, 1, 1, 1, 1, 1, 1, 1, 24 1, 1, 1, 1, 1, 1, 24 1, 1, 1, 1, 1, 24 1, 1, 1, 1, 1, 24 1, 1, 1, 1, 24 1, 1, 1, 1, 24 1, 1, 1, 24 1, 1, 1, 24 1, 1, 1, 24 1, 1, 1, 24 1, 1, 1, 24 1, 1,	Software Engineering	'	1			1				1	1	1	
total: Procurement, All Modification Items 1 / 1, 554 / 20,860 1 / 1, 554 / 20,860 1 / 1, 554 / 20,860 1 / 1, 554 / 20,860 1 / 1, 554 / 20,860 1 / 1, 554 / 20,860 1 / 1, 554 / 20,860 1 / 1, 554 / 20,860 1 / 1, 554 / 20,860 1 / 1, 554 / 20,860 1 / 1, 554 / 20,860 1 / 1, 554 / 20,860 1 / 1, 554 / 20,860 1 / 1, 554 / 20,860 1 / 1, 554 / 20,860 1 / 1, 554 / 20,860 1 / 1, 554 / 20,860 1 / 1, 554 / 20,860 1 / 1, 544 / 1, 51 1 / 1, 544	Subtotal: Recurring	- / -	- / -	_		- / -	- /1.998			- / -	- / -	- / -	
lation straining Aides, Devices, Sevices, Se	Subtotal: Training Aides, Devices, Simulators	\	\	- /1.842		\				\	\	- / -	
lation Infraction Item 1 of 6: Hardware Obsolescence 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Subtotal: Procurement, All Modification Items	\	1,254 / 20.860	698 / 39.300	976 / 18.166	- / -	976 / 18.166	488/11.617	488 / 11.239	- / -	- / -		3,904 / 101.182
figation Name of 6: Hardware Obsolescence 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Installation												
fitcation Item 3 of 6: Independability - Independation Item 6 of 6: Independation Item 6	Modification Item 1 of 6: Hardware Obsolescence	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
fireation Item 3 of 6: Interoperability - I - I - I - I - I - I - I - I - I -	Modification Item 2 of 6: Modernization in Service		~	~		- / -	-	- / -	-		-	- / -	-
fitcation Item 4 of 6: Performance Based Life Cycle - / -	Modification Item 3 of 6: Interoperability - Communication	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
fitcation Item 5 of 6: Field Retrofit Activities - / - -	Modification Item 4 of 6: Performance Based Life Cycle	-	_	_	~	~	~	~	~	~	~		~
firstation Item 6 of 6: Training Aides, Devices, - / -	Modification Item 5 of 6: Field Retrofit Activities	~	~	_	_	~	~	- / -	~		_	- / -	~
cost (Procurement + Support + Installation) . / / / / / / / / / / / / / / / / / / /	Modification Item 6 of 6: Training Aides, Devices, Simulators	_	~	~	~	_	~	l	~	~	~	~	~
Cost (Procurement + Support + Installation) - 20.860 39.300 18.166 - 11.617 11.239 - -	Subtotal: Installation	\	\	\	\	- / -	- / -	\	\	\	'	\	\
. 20.860 39.300 18.166 . 18.166 11.617 11.239	Total												
	Total Cost (Procurement + Support + Installation)	•	20.860	39.300	18.166		18.166	11.617	11.239				101.182

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Exhibit	P-3a.	Individ	Exhibit P-3a. Individual Modification: PB 2015 Army	dificat	tion:	2B 20	15 Arm	≥										Date	: Marc	Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 2033A / 02 / 20	02 / 20	ر Bud	get Act	ivity /	Budg	let Su	b Activ	vity:	-G	1 Line 21700	Item	P-1 Line Item Number / Title: GZ1700 / M777 Mods	/ Title					Mod GZ1 How	Modificati GZ1700 / I Howitzer	on Num	Modification Number / Title: GZ1700 / Light Weight 155MM Towed Howitzer	M Tow	pə/
Modificat	ion Item	1 1 of 6:	Modification Item 1 of 6: Hardware Obsolescence	Obsole	escence																		
Modificat	ion Item	MDAP	Modification Item MDAP/MAIS Code:	de:																			
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Contract Dates	Jates																						
Delivery Dates	Jates																						
Installation Information	on Inform	nation																					
Method o	f Implen	nentatio	on: Digital	Fire Co	ontrol Co	Hodwc	ent Hard	ware pr	ocuremer	t and E	ngineeri	Method of Implementation: Digital Fire Control Component Hardware procurement and Engineering Change Proposals	Propos	sals									
					Prior Years	o a c	EV 2013		EV 2014	<u>.</u>	FY 2015 Base	FY 2015	2	FY 2015 Total	<u> </u>	EV 2016	EV 2017	EV 2018		FV 2019	To		Total
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Page 6 of 11

Exhibit P-3a, Individual Modification: PB 2015 Army	idual M	odifica	ation:	PB 2()15 Ar	my										Date	Date: March 2014	2014 ר			
Appropriation / Budget Activity / Budget Sub Activity: 2033A / 02 / 20	udget A	ctivity	/ Bud	get Si	ub Ac	tivity:	a. 0	-1 Lin 271700	P-1 Line Item Number / Title: GZ1700 / M777 Mods	Numi 77 Mod	ber / T	itle:				Modifica GZ1700 Howitzer	ificatio 700 / Li itzer	n Numb ght Wei	Modification Number / Title: GZ1700 / Light Weight 155MM Towed Howitzer	/ Towe	- D
Modification Item 2 of 6: Modernization in Service	6: Modern	ization ir	n Servic	e																	
Modification Item MDAP/MAIS Code:	AP/MAIS C	code:																			
Manufacturer Information	tion																				
Manufacturer Name: Various	ırious										Manufa	acturer L	ocation:	Manufacturer Location: Various							
Administrative Leadtime (in Months):	(in Month	:(\$1									Produc	ction Lea	dtime (ii	Production Leadtime (in Months):							
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Contract Dates																					
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Installation Information	u																				
Method of Implementation: Enhanced Power Packs and subsequent Engineering Change Proposals	ition: Enh	anced Po	ower Pa	acks an	esqns p	dneut E	ngineerin	g Chang	ge Propo	sals											
			Prior Years	Years	FY 2013	013	FY 2014		FY 2015 Base	£ °	FY 2015 OCO	FY 2015 Total	15	FY 2016	FY 2017	FY 2018		FY 2019	To Complete	P	Total
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LI GZ1700 - M777 Mods Army

Exhibit D-3a Individual Modification: PB 2015 Army	-3a Ir	pivibr	Mos le	lifica	ion:	DR 20	15 Arn	2											Date.	Date: March 2014	14			
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Appropriation / Budget Activity / Budget Sub Activity: 2033A / 02 / 20	ation /2 / 20) pna /	jet Acti	VIITY /	èna :	jet ot	ID ACT	VILY:	<u>r</u> <u>0</u>	Z17 00	/ M77	P-1 Line Item Number / 11tle: GZ1700 / M777 Mods), / III	<u></u>					GZ1700 Howitzer	Modification Number / Title: GZ1700 / Light Weight 155MN Howitzer	umbe Weigh	Modification Number / Title: GZ1700 / Light Weight 155MM Towed Howitzer	I Towe	þ
Modification Item 3 of 6: Interoperability - Communication	n Item	3 of 6: lt	nteropera	bility -	Comm	unicatic	n																	
Modification Item MDAP/MAIS Code:	n Item	MDAP/N	MAIS Cod	e:																				
Manufacturer Information	er Info	rmation																						
Manufacturer Name: Various	ər Name	۶: Variou	SI									_	Janufac	Manufacturer Location: Various	cation: \	Various								
Administrative Leadtime (in Months):	ve Leac	ttime (in	Months):									ш	Producti	on Leadt	ime (in	Production Leadtime (in Months):								
٥	Dates		L	FY 2013	_		FY;	FY 2014		ш	FY 2015			FY 2016			FY 2017		_	FY 2018		FΥ	FY 2019	
Contract Dates	tes																							
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Installation Information	Inform	ation																						
Method of Implementation: Software Engineering, Engineering Change Proposals and procurement of hardware	mplem	entation	: Softwar	re Eng	ineering	g, Engir	eering (Shange	Proposals	and bi	rocureme	ent of har	dware											
					Prior Years	ears	FY 2013	<u>3</u>	FY 2014	E "	FY 2015 Base	FY 2015 OCO	15	FY 2015 Total		FY 2016	FY 2017	017	FY 2018	FY 2019		To Complete	2	Total
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Exhibit	P-3a.	Individ	Exhibit P-3a. Individual Modification: PB 2015 Army	dificat	tion: F	2B 20	15 Arm	 										Date	Date: March 2014	2014			
Approp 2033A /	riation 02 / 20	ر Bud	Appropriation / Budget Activity / Budget Sub Activity: 2033A / 02 / 20	ivity /	Budç	et Su	b Acti	vity:	P.	1 Line 21700	P-1 Line Item Numbe GZ1700 / M777 Mods	P-1 Line Item Number / Title: GZ1700 / M777 Mods	/ Title					Modifica GZ1700 , Howitzer	ficatio '00 / Lig	Numb Jht Weig	Modification Number / Title: GZ1700 / Light Weight 155MM Towed Howitzer	/ Towe	pe
Modificat	ion Item	1 4 of 6:	Modification Item 4 of 6: Performance Based Life Cycle	nce Bas	sed Life	Cycle																	
Modificat	ion Item	MDAP	Modification Item MDAP/MAIS Code:	de:																			
Manufacturer Information	urer Inf	ormatio	u																				
Manufacturer Name: N/A	ırer Nan	Pe: N/Α										Ma	nufactu	Manufacturer Location: N/A	on: N/A								
Administra	ative Lea	dtime (i	Administrative Leadtime (in Months):	<u>.</u> .								Prc	oduction	Production Leadtime (in Months):	e (in Mon	ths):							
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Contract Dates	Jates																						
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Method o	f Implen	nentatic	Method of Implementation: MIPR to ARDEC and Exercising Contract Options	to ARDE	EC and	Exercis	sing Con	tract Op	otions								l		l	l		l	
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Exhibit	P-3a	ndivid	Exhibit P-3a, Individual Modification: PB 2015 Army	dificat	tion: F	2B 20	15 Arm	_ ≥										Date	Date: March 2014	2014			
Appropriation / Budget Activity / Budget Sub Activity: 2033A / 02 / 20	riation 02 / 20) Bud	lget Act	ivity /	Budg	et Su	b Activ	vity:	P	1 Line 21700	P-1 Line Item Numbe GZ1700 / M777 Mods	P-1 Line Item Number / Title: GZ1700 / M777 Mods	/ Title					Modifica GZ1700 , Howitzer	ficatio 700 / Lii tzer	n Numb ght Wei	Modification Number / Title: GZ1700 / Light Weight 155MM Towed Howitzer	/ Towe	p
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