Exhibit P-40, Budget Line Item Justification: PB 2020 Army Date: March 2019

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

2034A: Procurement of Ammunition, Army / BA 01: Ammunition / BSA 45: Rockets

2348EA4000 / Shoulder Launched Munitions, All Types

ID Code (A=Service Ready, B=Not Service Ready):

Program Elements for Code B Items: N/A

Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

	Prior			FY 2020	FY 2020	FY 2020					То	
Resource Summary	Years	FY 2018	FY 2019	Base	oco	Total	FY 2021	FY 2022	FY 2023	FY 2024	Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	490.029	30.000	21.295	-	75.054	75.054	83.168	67.106	44.107	60.939	-	871.698
Less PY Advance Procurement (\$ in Millions)	-	-	=	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	490.029	30.000	21.295	-	75.054	75.054	83.168	67.106	44.107	60.939	-	871.698
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	490.029	30.000	21.295	-	75.054	75.054	83.168	67.106	44.107	60.939	-	871.698
(The following	Resource Sumi	mary rows are fo	r informational p	urposes only. Th	ne corresponding	budget request	s are documente	ed elsewhere.)				
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	37,364.14	24,975.65	238,042.97	-	228,312.73

Description:

FY 2020 funding totals include \$0.0M for Base and \$75.054M for Overseas Contingency Operations (OCO); of which \$74.878M supporting the procurement of 6 variants of Shoulder Launched Munitions is realigned as part of the OCO for Base Requirements. FY 2020 OCO for Base Requirements is OCO funding for base budget requirements in support of the National Defense Strategy. The Budget requests these funds in OCO to comply with the base budget defense caps included in the Budget Control Act of 2011.

This budget line includes Shoulder Launched Munitions, All Types.

(E36101) Launcher and Cartridge 84MM M136A1 (AT4CS-RS) - The AT4 is the Army's primary shoulder launched, lightweight, anti-armor weapon. The AT4-Confined Space (CS) weapon is a safety enhanced version of the M136 AT4 Weapon. The AT4-CS is a self-contained weapon consisting of a free-flight, fin-stabilized, rocket packed in an expendable, 1-piece launch tube. The recoilless design permits accurate delivery of the 84mm high explosive Anti-Armor warhead out to 250 meters. The AT4-CS incorporates a safety modification to the propulsion system that significantly reduces the weapon's back blast and launch signature. This will allow the user to safely fire the weapon from a protected area or enclosed space during close combat operations. This item is Code A, approved for service use.

(E36403) CTG, 7.62MM Tracer, F/SUBCAL ADPTR CARL GUSTAF - The 7.62 mm 553B Sub-Caliber Adapter makes it possible to raise the level of proficiency and reduce training costs to a low level both at the firing range and during live firing exercises. This item is Code A, approved for service use.

(E36404) CTG, Gun, HEDP 502, 84MM CARL GUSTAF (MAAWS) - Multi-Role Anti-Armor Anti-Personnel Weapon System (MAAWS) for rapid response forces that must have the ability to combat many types of threat, the 84 mm HEDP 502 (High Explosive Dual Purpose) is effective against light-armored vehicles, concrete and brick walls, field fortifications, and bunkers. This item is Code A, approved for service use.

(E36405) CTG, Gun, HE 441D, 84MM CARL GUSTAF (MAAWS) - Multi-Role Anti-Armor Anti-Personnel Weapon System (MAAWS) for combating troops in the open, behind cover, or in slit trenches as well as soft-skinned vehicles and similar types of targets, the 84 mm HE 441D (High Explosive) can be set for impact or air burst detonation. This item is Code A, approved for service use.

(E36406) CTG, Gun, TGT PRAC-TR 141, 84MM CARL GUSTAF (MAAWS) - The 84 mm TPT 141 (Target Practice Tracer) is the ideal training round for reducing training costs but still retaining the right weapon "feel" and live firing experience. This item is Code A, approved for service use.

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Exhibit P-40, Budget Line Item Justification: PB 2020 Army			Date: March	2019
Appropriation / Budget Activity / Budget Sub Activity: 2034A: Procurement of Ammunition, Army / BA 01: Ammunition / BSA 45: Ro		P-1 Line Item Number / 2348EA4000 / Shoulder	Title: Launched Munitions, All Types	
D Code (A=Service Ready, B=Not Service Ready): Program Elements for C	Code B Iten	ns: N/A	Other Related Program Element	s: N/A
Line Item MDAP/MAIS Code: N/A				
(E36901) ROCKET, PRACTICE, 21MM SUBCALIBER for Shoulder Launched Munitions (SLM) less noise and backblast. It is currently used by Navy and Marine Corps to simulate the M72 Lig used in New Equipment Training (NET)/Mobile Training Teams (MTT). This item is Code A, app	ht Anti-tank	Weapon System (LAW). It has		
(E88401) The Bunker Defeat Munition (BDM) is a single-shot, disposable, shoulder launched roalso defeats lightly armored vehicles and breaches masonry walls using its 83 millimeter high expectations.				rs) out to 250 meters. The system

LI 2348EA4000 - Shoulder Launched Munitions, All Types Army

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Exhibit P-40, Budget Line Item Justification: PB 2020 Army Date: March 2019

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

2034A: Procurement of Ammunition, Army / BA 01: Ammunition / BSA 45: Rockets

2348EA4000 / Shoulder Launched Munitions, All Types

Other Related Program Elements: N/A ID Code (A=Service Ready, B=Not Service Ready): Program Elements for Code B Items: N/A

Line Item MDAP/MAIS Code: N/A

	Exhibits Schedule				Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost (Each) / (\$ M)					
P-5	E36101 / MUNITION, 84mm Shldr Lnchd, AT-4CS(Confined Space) [CA30]	P-5a, P-21	Α		- / 171.696	- / -	- / 0.450	- / -	- /40.774	- /40.774
P-5	E36403 / CTG, 7.62mm w/Tracer f/SUBCAL ADPTR553B CARLGSTF [A254]		Α		- /1.000	- / -	- / 0.352	- / -	- / 0.176	- / 0.176
P-5	E36404 / CTG, 84mm Gun, HEDP 502, CARLGSTF (MAAWS) [CA21]		Α		- /4.500	- / 1.500	- /2.927	- / -	- / 1.497	- / 1.497
P-5	E36405 / CTG, 84mm Gun, HE 441D IM, CARLGSTF (MAAWS) [CA27]		Α		- /4.500	- /1.100	- /0.992	- / -	- /1.000	- /1.000
P-5	E36406 / CTG, 84mm Gun, TGT PRAC-TR 141, CARLGSTF (MAAWS) [CA10]		Α		- /4.500	- /0.400	- / 0.497	- / -	- / 0.497	- / 0.497
P-5	E36901 / ROCKET, 21mm Subcaliber Practice Trainer, f/SLM [HA21]		Α		- /7.508	- / -	- / 1.527	- / -	- / 2.402	- / 2.402
P-5	E88401 / MUNITION, 83mm Bunker Defeat(BDM), Rkt&Lnchr, M141 [HA08]	P-5a, P-21	Α		- / 296.325	- /27.000	- / 14.550	- / -	- /28.708	- /28.708
P-40	Total Gross/Weapon System Cost				- / 490.029	- / 30.000	- / 21.295	- 1 -	- / 75.054	- / 75.054

^{*}Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

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

Justification:

The FY 2020 Budget supports critical Army Title 10 war reserve/operational, training, and test requirements in accordance with Department of Defense Instruction 3000.04 (Munitions Requirements Process) and Army Regulation 5-13 (Total Army Munitions Requirements Process and Prioritization System). War reserve requirements support Office of the Secretary of Defense (OSD) approved Combatant Commander Operational Plans, Homeland Defense, and other OSD-directed missions. Training requirements support individual and collective training of Active and Reserve Component forces at Army schools, home station, and the combined training centers. Test requirements support the development, fielding, safety, and quality assurance of Army munitions and equipment throughout their life-cycle.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

FY 2020 funding totals include \$0.0M for Base and \$75.054 million for Overseas Contingency Operations, supporting the procurement of 6 variants of Shoulder Launched Munitions for \$74.878 million realigned as part of the OCO for Base Requirements funding which reflects the Department's compliance with the Budget Control Act of 2011.

FY 2020 Overseas Contingency Operations funding also includes \$0.176 million, with a quantity of 58,279 rounds for OCO for Enduring Requirements.

(E36101) Launcher and Cartridge 84MM M136A1 (AT4CS-RS) - This is a training standard used in both training and combat. The FY 2020 request supports annual training and builds a war reserve inventory in accordance with the Army's procurement goal. FY 2020 OCO for Base Requirements procurement dollars in the amount of \$40.774 million supports the procurement of 9,101 Rounds. Type Classification Date: 2009

(E36403) CTG, 7.62MM TRACER 553 F/SUBCAL ADAPTR CARL GUSTAF - This is a training unique item not used in combat. The FY 2020 request supports annual training and builds a depot level in accordance with the Army's procurement goals. FY 2020 OCO for Enduring Requirements dollars in the amount of \$0.176 million supports the COCOM requirement for procurement of 58.279 Rounds to deter potential adversaries and support the European Deterrence Initiative. Type Classification Date: 2017

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P-1 Line #19

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Exhibit P-40, Budget Line Item Justification: PB 20	20 Army			Date: March 2019
Appropriation / Budget Activity / Budget Sub Activ 2034A: Procurement of Ammunition, Army / BA 01: Ar	•	P-1 Line Item Nu 2348EA4000 / St	umber / Title: noulder Launched Munitic	ons, All Types
ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B It	tems: N/A	Other Related P	rogram Elements: N/A
Line Item MDAP/MAIS Code: N/A				
(E36404) CTG, Gun, HEDP 502, 84MM CARL GUSTAF (MAAWS) inventory in accordance with the Army's procurement goal. FY 202 Classification Date: 2017				
(E36405) CTG, Gun, HE 441D, 84MM CARL GUSTAF (MAAWS) - inventory in accordance with the Army's procurement goal. FY 202 Classification Date: 2017				
(E36406) CTG, Gun, TGT PRAC-TR 141, 84MM CARL GUSTAF (accordance with the Army's procurement goal. FY 2020 OCO for E 2017				
(E36901) ROCKET, PRACTICE, 21MM SUBCALIBER for Shoulde a depot level in accordance with the Army's procurement goal. FY Classification Date: 1993				
(E88401) BUNKER DEFEAT MUNITION, 83mm Rocket & Launche war reserve inventory in accordance with the Army's procurement of Type Classification Date: 2008				

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Exhibit P-5, Cost Analysis: PB 2020 Army

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

Item Number / Title [DODIC]:

2034A / 01 / 45 2348EA4000 / Shoulder Launched Munitions, All Types

E36101 / MUNITION, 84mm Shldr Lnchd, AT-4CS(Confined Space) [CA30]

Prior Years	FY 2018	T Y 0040			
	1 1 2010	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
-			-	-	-
171.696		- 0.450	-	40.774	40.774
-			-	-	-
171.696		- 0.450	-	40.774	40.774
-			-	-	=
171.696		- 0.450	-	40.774	40.774
irposes only. The cor	responding budget requ	ests are documented elsewher	re.)		
-			-	-	-
-			-	-	-
	171.696 - 171.696	- 171.696 - 171.696			

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

	P	rior Years	3		FY 2018			FY 2019		F`	1 2020 Ba	se	FY	2020 OC	0	F۱	2020 Tot	al
Cost Elements	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)									
Hardware Cost	'	'		'								'		'		'	'	
Recurring Cost																		
COMPLETE ROUND ^(†)	18,194.74	9,263	168.538	-	-	-	4,428.84	101	0.447	-	-	-	4,278.33	9,101	38.937	4,278.33	9,101	38.93
Subtotal: Recurring Cost	-	-	168.538	-	-	-	-	-	0.447	-	-	0.000	-	-	38.937	-	-	38.937
Subtotal: Hardware Cost	-	-	168.538	-	-	-	-	-	0.447	-	-	0.000	-	-	38.937	-	-	38.937
Support - Production Enginee	ering Cost	·												'			'	
Production Engineering	-	-	3.158	-	-	-	-	-	0.003	-	-	-	-	-	1.837	-	-	1.837
Subtotal: Support - Production Engineering Cost	-	-	3.158	-	-	-	_	-	0.003	-	-	0.000	-	-	1.837	-	-	1.837
Gross/Weapon System Cost	-	-	171.696	-	-	-	-	-	0.450	-	-	-	-	-	40.774	-	-	40.774

Remarks:

Production Engineering increased due to change in planned procurement of AT-4CS munitions.

(†) indicates the presence of a P-5a

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Exhibit P-5a, Procurement History and Planning: PB 2020	Army	Date: March 2019
Appropriation / Budget Activity / Budget Sub Activity: 2034A / 01 / 45	P-1 Line Item Number / Title: 2348EA4000 / Shoulder Launched Munitions, All Types	Item Number / Title [DODIC]: E36101 / MUNITION, 84mm Shldr Lnchd, AT-4CS(Confined Space) [CA30]

	0			Method/Type or		Award	Date of First	04-		Specs Avail	Date Revision	RFP Issue
Cost Elements	o	FY	Contractor and Location	Funding Vehicle	Location of PCO	Date	Delivery	Qty (Each)	Unit Cost	Now?	Available	Date
COMPLETE ROUND ^(†)		2019	TO BE SELECTED / TBS01	C / FFP	PICATINNY ARSENAL, NJ	Mar 2019	Sep 2020	101	4,428.84	Y		
COMPLETE ROUND ^(†)	1	2020	TO BE SELECTED / TBS01	C / FFP	PICATINNY ARSENAL, NJ	Mar 2020	Sep 2021	9,101	4,278.33	Y		

^(†) indicates the presence of a P-21

													0.1	IUL	1001		•													
Exh	ibit l	P-21, Pr	oducti	on Sc	hedul	le: P	B 202	0 Arn	าy														Date	e: Ma	rch 20)19				
		r iation / 01 / 45	Budge	et Acti	vity /	Bud	get S	ub Ad	ctivity	' :		_	Item 1000 /					Muniti	ons, A	All Ty	pes		E36		MUN	TION	, 84m	DIC]: nm Sh [CA3		nchd
	,		lements Thousands)							Fiscal Y	par 2019											Fiscal Y	aar 2020						В
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СОМ	PLETE I	ROUND																												
Prior	Years D	eliveries: 926	3										,					,												,
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1		MC ^(‡)	3.965	.000	3.965						Α -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		3.96
1	-	Total	4.066	.000							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.101	3.96
√ 1	+	ARMY	9.101	.000																			A -	-	-	-	-	-	-	9.10
√ 1 		MC ^(‡)	3.702	.000																			Α -	-	-	-	-	-	-	3.70
√ 1	2020	Total OCO	12.803	.000	12.803	0 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	12.80

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Cost Elemen Units in Thousa	ents usands)	ACCEPT PRIOR TO 1	BAL DUE		et Sı	ıb Ac	tivity									Aunitic	A							-	-	_		
Units in Thousa	isands)	PRIOR TO 1	DUE												nica iv	numic	ons, A	ıı ıyp	es							m Sh [CA30		chd,
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	QTY		1 OCT	C	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	J J	A U G	S E P	A N C
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al 4.0	4.066	.101	3.965	3.965	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.000
	9.101	.000	9.101	-	-	-	-	-	-	-	-	-	-	-	1.298	3.902	3.901											.000
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al OCO 12.8	2.803	.000	12.803	-	-	-	-	-	-	-	-	-	-	-	5.000	3.902	3.901	-	-	-	-	-	-	-	-	-	-	.000
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					CO 12.803 .000 12.803 - O C	CO 12.803 .000 12.803 O N C O	CO 12.803 .000 12.803 O N D C O E	CO 12.803 .000 12.803 5.000 O N D J F M A M J J A S C O E A E A P A U U U E	CO 12.803 .000 12.803 5.000 3.902 O N D J F M A M J J A S O C O E A E A P A U U U U E C	CO 12.803 .000 12.803 5.000 3.902 3.901 O N D J F M A M J J A S O N C O E A E A P A U U U E C O	CO 12.803 .000 12.803 5.000 3.902 3.901 - O N D J F M A M J J A S O N D C O E A E A P A U U U E C O E	CO 12.803 .000 12.803 5.000 3.902 3.901 O N D J F M A M J J A S O N D J C O E A E A P A U U U U E C O E A	CO 12.803 .000 12.803 5.000 3.902 3.901															

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Exhibit P-21, Production Schedule: PB 2020 Army		Date: March 2019
Appropriation / Budget Activity / Budget Sub Activity: 2034A / 01 / 45	P-1 Line Item Number / Title: 2348EA4000 / Shoulder Launched Munitions, All Types	Item Number / Title [DODIC]: E36101 / MUNITION, 84mm Shldr Lnchd, AT-4CS(Confined Space) [CA30]

		Produc	tion Rates (Each /	Month)				Procurement Le	adtime (Months)			
MFR						Init	tial			Red	order	
Ref		MSR For 2020	1-8-5 For 2020	MAX For 2020	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1
#	Name - Location	WISK FOR 2020	1-6-5 FOF 2020	WAX FOR 2020	Prior to Oct 1	After Oct 1	PLI	After Oct 1	Prior to Oct 1	Aiter Oct 1	PLI	After Oct 1
1	TO BE SELECTED - TBS01	500	5,000	7,000	8	8	24	32	6	6	18	24

^(‡) Delivery rows marked with this symbol indicate that they are funded through a separate Line Item. See the respective components' exhibits for details, including the full delivery schedule. "A" in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

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Exhibit P-5, Cost Analysis: PB 2020 Army				Dat	e: March 2019						
Appropriation / Budget Activity / Budget Sub Activity: 2034A / 01 / 45		m Number / Title: 0 / Shoulder Launc	ched Munitions, All	Types E36	n Number / Title [D 1403 / CTG, 7.62mn BCAL ADPTR553B 54]	n w/Tracer f/					
ID Code (A=Service Ready, B=Not Service Ready): A	A=Service Ready, B=Not Service Ready): A MDAP/MAIS Code:										
Resource Summary	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total					
Procurement Quantity (Units in Each)	-	-	-	-	-	-					
Gross/Weapon System Cost (\$ in Millions)	1.000	-	0.352	-	0.176	0.176					
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-					
Net Procurement (P-1) (\$ in Millions)	1.000	-	0.352	-	0.176	0.176					
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-					
Total Obligation Authority (\$ in Millions)	1.000	-	0.352	-	0.176	0.176					
(The following Resource Summary rows are for informations	al purposes only. The corr	esponding budget requests	s are documented elsewher	re.)							
Initial Spares (\$ in Millions)	-	-	-	-	-	-					

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Gross/Weapon System Unit Cost (\$ in Dollars)

	F	Prior Years	6		FY 2018			FY 2019		F۱	' 2020 Bas	se	F۱	2020 OC	0	F۱	2020 Tota	al
Cost Elements	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)
Hardware Cost	'				'		'			'			'	'		'	'	
Recurring Cost																		
COMPLETE ROUND	-	-	1.000	-	-	-	2.63	133,758	0.352	-	-	-	2.68	58,279	0.156	2.68	58,279	0.156
Subtotal: Recurring Cost	-	-	1.000	-	-	-	-	-	0.352	-	-	0.000	-	-	0.156	-	-	0.156
Subtotal: Hardware Cost	-	-	1.000	-	-	-	-	-	0.352	-	-	0.000	-	-	0.156	-	-	0.15
Support - Production Enginee	ring Cost							·										
Production Engineering	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.020	-	-	0.020
Subtotal: Support - Production Engineering Cost	-	-	-	-	-	-	-	-	-	-	-	0.000	-	-	0.020	-	-	0.020
Gross/Weapon System Cost	-	-	1.000	-	-	-	-	-	0.352	-	-	-	-	-	0.176	-	-	0.170

Exhibit P-5, Cost Analysis: PB 2020 Army

Appropriation / Budget Activity / Budget Sub Activity:
2034A / 01 / 45

P-1 Line Item Number / Title:
2348EA4000 / Shoulder Launched Munitions, All Types

| CARLGSTF (MAAWS) [CA21]

MDAP/MAIS Code: ID Code (A=Service Ready, B=Not Service Ready): A **Prior Years** FY 2018 **FY 2020 Base Resource Summary** FY 2019 **FY 2020 OCO** FY 2020 Total Procurement Quantity (Units in Each) Gross/Weapon System Cost (\$ in Millions) 4.500 1.500 2.927 -1.497 1.497 Less PY Advance Procurement (\$ in Millions) Net Procurement (P-1) (\$ in Millions) 4.500 1.500 2.927 1.497 1.497 -Plus CY Advance Procurement (\$ in Millions) Total Obligation Authority (\$ in Millions) 4.500 1.500 2.927 1.497 1.497 (The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.) Initial Spares (\$ in Millions)

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Gross/Weapon System Unit Cost (\$ in Dollars)

					<u> </u>		-											
	F	Prior Years	3		FY 2018			FY 2019		F۱	/ 2020 Bas	se	F	Y 2020 OC	0	F١	Y 2020 Tot	al
Cost Elements	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)									
Hardware Cost																		
Recurring Cost																		
COMPLETE ROUND	4,599.56	834	3.836	4,090.00	216	0.883	4,171.80	637	2.657	-	-	-	4,252.52	304	1.293	4,252.52	304	1.293
Subtotal: Recurring Cost	-	-	3.836	-	-	0.883	-	-	2.657	-	-	0.000	-	-	1.293	-	-	1.293
Subtotal: Hardware Cost	-	-	3.836	-	-	0.883	-	-	2.657	-	-	0.000	-	-	1.293	-	-	1.293
Support - Acceptance Testing	Cost																	
Acceptance Test	-	-	-	-	-	0.084	-	-	0.086	-	-	-	-	-	0.033	-	-	0.033
Subtotal: Support - Acceptance Testing Cost	-	-	-	-	-	0.084	-	-	0.086	-	-	0.000	-	-	0.033	-	-	0.033
Support - Production Enginee	ring Cost																	
Production Engineering	-	-	0.664	-	-	0.532	-	-	0.184	-	-	-	-	-	0.171	-	-	0.171
Subtotal: Support - Production Engineering Cost	-	-	0.664	-	-	0.532	-	-	0.184	-	-	0.000	-	-	0.171	-	-	0.171
Gross/Weapon System Cost	-	-	4.500	-	-	1.500	-	-	2.927	-	-	-	-	-	1.497	-	-	1.497

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Exhibit P-5, Cost Analysis: PB 2020 Army

Appropriation / Budget Activity / Budget Sub Activity:
2034A / 01 / 45

P-1 Line Item Number / Title:
2348EA4000 / Shoulder Launched Munitions, All Types

E36405 / CTG, 84mm Gun, HE 441D IM, CARLGSTF (MAAWS) [CA27]

ID Code (A=Service Ready, B=Not Service Ready): A		M	DAP/MAIS Code:			
Resource Summary	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	4.500	1.100	0.992	-	1.000	1.000
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	4.500	1.100	0.992	-	1.000	1.000
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	4.500	1.100	0.992	-	1.000	1.000
(The following Resource Summary rows are for information	onal purposes only. The cor	responding budget request	s are documented elsewhe	re.)		
Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

	P	rior Years	;		FY 2018			FY 2019		F	/ 2020 Ba	se	F۱	2020 OC	0	F۱	' 2020 Tota	1
Cost Elements	Unit Cost	Qty (Each)	Total Cost (\$ M)															
Hardware Cost																		
Recurring Cost																		
COMPLETE ROUND	4,599.56	834	3.836	4,028.00	163	0.657	4,108.56	189	0.777	-	-	-	4,188.06	205	0.859	4,188.06	205	0.859
Subtotal: Recurring Cost	-	-	3.836	-	-	0.657	-	-	0.777	-	-	0.000	-	-	0.859	-	-	0.859
Subtotal: Hardware Cost	-	-	3.836	-	-	0.657	-	-	0.777	-	-	0.000	-	-	0.859	-	-	0.859
Support - Acceptance Testing	Cost																	
Acceptance Test	-	-	-	-	-	0.091	-	-	0.092	-	-	-	-	-	0.026	-	-	0.026
Subtotal: Support - Acceptance Testing Cost	-	-	-	-	-	0.091	-	-	0.092	-	-	0.000	-	-	0.026	-	-	0.026
Support - Production Enginee	ring Cost																	
Production Engineering	-	-	0.664	-	-	0.353	-	-	0.123	-	-	-	-	-	0.115	-	-	0.115
Subtotal: Support - Production Engineering Cost	-	-	0.664	-	-	0.353	-	-	0.123	-	-	0.000	-	-	0.115	-	-	0.115
Gross/Weapon System Cost	-	-	4.500	-	-	1.100	-	-	0.992	-	-	-	-	-	1.000	-	-	1.000

Exhibit P-5, Cost Analysis: PB 2020 Army

Appropriation / Budget Activity / Budget Sub Activity:
2034A / 01 / 45

P-1 Line Item Number / Title:
2348EA4000 / Shoulder Launched Munitions, All Types

E36406 / CTG, 84mm Gun, TGT PRACTR 141, CARLGSTF (MAAWS) [CA10]

ID Code (A=Service Ready, B=Not Service Ready): A		MI	DAP/MAIS Code:			
Resource Summary	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	4.500	0.400	0.497	-	0.497	0.497
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	4.500	0.400	0.497	-	0.497	0.497
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	4.500	0.400	0.497	-	0.497	0.497
(The following Resource Summary rows are for information	onal purposes only. The cor	responding budget request	s are documented elsewhe	re.)		
Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

	Pi	rior Years	i		FY 2018			FY 2019		F۱	/ 2020 Ba	se	FY	2020 OC	כ	F۱	2020 Tot	al
Cost Elements	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)
Hardware Cost																		
Recurring Cost																		
COMPLETE ROUND	615.65	6,233	3.837	1,406.00	134	0.188	1,434.12	279	0.400	-	-	-	1,461.87	299	0.437	1,461.87	299	0.437
Subtotal: Recurring Cost	-	- [3.837	-	-	0.188	-	-	0.400	-	-	0.000	-	-	0.437	-	-	0.437
Subtotal: Hardware Cost	-	-	3.837	-	-	0.188	-	-	0.400	-	-	0.000	-	-	0.437	-	-	0.437
Support - Acceptance Testing	Cost																	
Acceptance Test	-	-	-	-	-	0.034	-	-	0.035	-	-	-	-	-	0.003	-	-	0.003
Subtotal: Support - Acceptance Testing Cost	-	-	-	-	-	0.034	-	-	0.035		-	0.000	-	-	0.003	-	-	0.003
Support - Production Enginee	ering Cost																	
Production Engineering	-	-	0.663	-	-	0.177	-	-	0.062	-	-	-	-	-	0.057	-	-	0.057
Subtotal: Support - Production Engineering Cost	-	-	0.663	-	-	0.177	-	-	0.062	-	-	0.000	-	-	0.057	-	-	0.057
Gross/Weapon System Cost	-	-	4.500	-	-	0.400	-	-	0.497	-	-	-	-	-	0.497	-	-	0.497

Exhibit P-5, Cost Analysis: PB 2020 Army

Appropriation / Budget Activity / Budget Sub Activity:
2034A / 01 / 45

P-1 Line Item Number / Title:
2348EA4000 / Shoulder Launched Munitions, All Types

Practice Trainer, f/SLM [HA21]

ID Code (A=Service Ready, B=Not Service Ready): A		M	DAP/MAIS Code:			
Resource Summary	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	7.508	-	1.527	-	2.402	2.402
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	7.508	-	1.527	-	2.402	2.402
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	7.508	-	1.527	-	2.402	2.402
(The following Resource Summary rows are for inform	ational purposes only. The cor	responding budget request	s are documented elsewher	re.)		
Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

	P	rior Years	i		FY 2018			FY 2019		F	/ 2020 Bas	se	FY	2020 OC	0	F۱	2020 Tot	al
Cost Elements	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)									
Hardware Cost																		
Recurring Cost																		
Complete Round	360.53	19,005	6.852	-	-	-	155.64	8,628	1.343	-	-	-	158.65	14,232	2.258	158.65	14,232	2.25
Subtotal: Recurring Cost	-	-	6.852	-	-	-	-	-	1.343	-	-	0.000	-	-	2.258	-	-	2.25
Subtotal: Hardware Cost	-	-	6.852	-	-	-	-	-	1.343	-	-	0.000	-	-	2.258	-	-	2.25
Support - Production Enginee	ering Cost																	
Production Engineering	-	-	0.656	-	-	-	-	-	0.184	-	-	-	-	-	0.144	-	-	0.14
Subtotal: Support - Production Engineering Cost	-	-	0.656	-	-	-	-	-	0.184	-	-	0.000	-	-	0.144	-	-	0.14
Gross/Weapon System Cost	-	-	7.508	-	-	-	-	-	1.527	-	-	-	-	-	2.402	-	-	2.40

Exhibit P-5, Cost Analysis: PB 2020 Army

Date: March 2019

Appropriation / Budget Activity / Budget Sub Activity: 2034A / 01 / 45

P-1 Line Item Number / Title: 2348EA4000 / Shoulder Launched Munitions, All Types Item Number / Title [DODIC]: E88401 / MUNITION, 83mm Bunker Defeat(BDM), Rkt&Lnchr, M141 [HA08]

422

ID Code (A=Service Ready, B=Not Service Ready): A

MDAP/MAIS Code:

,						
Resource Summary	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	296.325	27.000	14.550	-	28.708	28.708
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	296.325	27.000	14.550	-	28.708	28.708
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	296.325	27.000	14.550	-	28.708	28.708
(The following Resource Summary rows are for inform	ational purposes only. The cor	responding budget requests	are documented elsewher	e.)		
Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

	P	rior Years	;		FY 2018			FY 2019		F	Y 2020 Ba	se	FY	2020 OC	0	F۱	2020 Tot	al
Cost Elements	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)
Hardware Cost		'		'	'							<u> </u>	'	'		'	'	
Recurring Cost																		
BUNKER DEFEAT MUNITION (BDM) ^(†)	144,512.56	2,041	294.950	15,583.22	1,680	26.180	15,894.89	914	14.528	-	-	-	16,534.40	1,637	27.067	16,534.40	1,637	27.06
Subtotal: Recurring Cost	-	-	294.950	-	-	26.180	-	-	14.528	-	-	0.000	-	-	27.067	-	-	27.06
Subtotal: Hardware Cost	-	-	294.950	-	-	26.180	-	-	14.528	-	-	0.000	-	-	27.067	-	-	27.06
Support - Production Enginee	ering Cost																	
Production Engineering	-	-	1.374	-	-	0.820	-	-	0.022	-	-	-	-	-	1.641	-	-	1.64
Subtotal: Support - Production Engineering Cost	-	-	1.374	-	-	0.820	-	-	0.022	-	-	0.000	-	-	1.641	-	-	1.64
Gross/Weapon System Cost	-	-	296.325	-	-	27.000	-	-	14.550	-	-	-	-	-	28.708	-	-	28.70

Remarks:

Production Engineering increased due to change in planned procurement of BDM munitions.

(†) indicates the presence of a P-5a

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Exhibit P-5a, Procurement History and Planning: PB 2020 A	rmy	Date: March 2019
	2348EA4000 / Shoulder Launched Munitions, All Types	Item Number / Title [DODIC]: E88401 / MUNITION, 83mm Bunker Defeat(BDM), Rkt&Lnchr, M141 [HA08]

	0 0			Method/Type or		Award	Date of First	Qty	Unit Cost	Specs Avail	Date Revision	RFP Issue
Cost Elements	0	FY	Contractor and Location	Funding Vehicle	Location of PCO	Date	Delivery	(Each)	(\$)	Now?	Available	Date
BUNKER DEFEAT MUNITION (BDM) ^(†)		2018	TO BE SELECTED / TBS01	C / FPIF	PICATINNY ARSENAL, NJ	Mar 2019	Jun 2020	1,680	15,583.22	Y		
BUNKER DEFEAT MUNITION (BDM) ^(†)		2019	TO BE SELECTED / TBS01	C / FPIF	PICATINNY ARSENAL, NJ	Mar 2019	Jun 2020	914	15,894.89	Y		
BUNKER DEFEAT MUNITION (BDM) ^(†)	1	2020	TO BE SELECTED / TBS01	C / FPIF	PICATINNY ARSENAL, NJ	Mar 2020	Jun 2021	1,637	16,534.40	Y		

^(†) indicates the presence of a P-21

hibi	t P-	21 Dr																												
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			Budge	et Acti	vity /	Budg	et Sı	ub Ac	tivity	':							hed M	/luniti	ons, A	All Ty	pes		E884	401 <i>1</i>	MUNI	ITION	, 83m	m Bu)8]
											Fiscal Y	ear 2019											Fiscal Ye	ear 2020						В
_													C	alendar	Year 201	9				_				Calen	dar Year	2020				L
₹	Υ	SERVICE	PROC QTY	TO 1 OCT 2018	DUE AS OF 1 OCT	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 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	N C E
IKER I	DEFE	AT MUNITION	ON (BDM)																								<u> </u>			
Years	s Deli	veries: 2041																												
1 20)18 <i>A</i>	ARMY	1,680	0	1,680						Α -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	217	133	133	133	1,06
1 20)19 <i>A</i>	ARMY	914	0	914						A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	364	50	50	50	40
1 20)20 <i>A</i>	ARMY	1,637	0	1,637				i.														Α -	-	-	-	-	-	-	1,63
						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 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	N U	J U L	A U G	S E P	
3	## F F KER Year 20	A F FY KER DEFE Years Deli 2018 / 1 2019 / 1	Cost El (Units i	Cost Elements (Units in Each) R PROC F FY SERVICE QTY KER DEFEAT MUNITION (BDM) Years Deliveries: 2041 2018 ARMY 1,680 1 2019 ARMY 914	Cost Elements (Units in Each) ACCEPT PRIOR TO 1 PROC OCT QTY 2018 KER DEFEAT MUNITION (BDM) Years Deliveries: 2041 2018 ARMY 1,680 0 1 2019 ARMY 914 0	Cost Elements (Units in Each) ACCEPT PRIOR TO 1 DUE TO 1 DUE TO 1 DUE OCT AS OF AS	Cost Elements (Units in Each) ACCEPT PRIOR DUE O PROC OCT AS OF C T OCT T KER DEFEAT MUNITION (BDM) Years Deliveries: 2041 2018 ARMY 1,680 0 1,680 1 2019 ARMY 914 0 914 1 2020 ARMY 1,637 0 1,637	Cost Elements (Units in Each)	Cost Elements (Units in Each) ACCEPT PRIOR DUE O N D DUE O N D DUE O N D DUE O	Cost Elements (Units in Each)	Cost Elements (Units in Each)	Cost Elements (Units in Each) Fiscal N	Cost Elements (Units in Each) Fiscal Year 2019 A CCEPT PRIOR TO 1 DUE O N D J F M A P FY SERVICE QTY 2018 1 OCT T V C N B R R KER DEFEAT MUNITION (BDM) Years Deliveries: 2041 2018 ARMY 1,680 0 1,680	Cost Elements (Units in Each) Fiscal Year 2019 Cost Elements (Units in Each) Fiscal Year 2019 Cost Elements (Units in Each) Cost Elements (Units	Cost Elements (Units in Each) Fiscal Year 2019 Calendar PRIOR TO 1 DUE O N D J F M A M J DUE O N B R Y N N D SERVICE QTY 2018 1 OCT T V C N B R R Y N N N D D D D D D D D D D D D D D D D	Cost Elements (Units in Each) Fiscal Year 2019 Calendar Year 2019 Calendar Year 2010 Calendar Year 2010 Calenda	Cost Elements (Units in Each) Fiscal Year 2019 Calendar Year 2019 Calenda	Cost Elements (Units in Each) Fiscal Year 2019 Calendar Year 2019 Calenda	Cost Elements (Units in Each) Fiscal Year 2019 Calendar Year 2019 Calenda	Cost Elements (Units in Each) Fiscal Year 2019 Calendar Year 2019 Calenda	Cost Elements (Units in Each) Fiscal Year 2019 Calendar Year 2019 Calenda	Cost Elements (Units in Each) Fiscal Year 2019 Calendar Year 2019 Calendar Year 2019 Calendar Year 2019 Calen	2348EA4000 / Shoulder Launched Munitions, All Types Cost Elements (Units in Each) Fiscal Year 2019	2348EA4000 / Shoulder Launched Munitions, All Types Cost Elements (Units in Each) Fiscal Year 2019 Fiscal Year 2019 ACCEPT PRIOR TO 1 DUE O N D J F M A M J J J A S O N D J F M B R R Y N L G P T V C N B R R T V N L G P T V C N B R R T V N L G P T T V C N B R T T T T T V C C N B R T T T T T T T T T T T T T T T T T T	2348EA4000 / Shoulder Launched Munitions, All Types Cost Elements (Units in Each) Fiscal Year 2019 Fiscal Year 2020 ACCEPT PRIOR TOO DUE O N D J F M A M J J A S O N D J F M A P A U U U U E C O E A E A P A E A P A U U U U U U U U U	2348EA4000 / Shoulder Launched Munitions, All Types E88401 / MUN Defeat(BDM), F Cost Elements (Units in Each) Fiscal Year 2019 Fiscal Year 2019 Fiscal Year 2019 Calendar Year 2019	2348EA4000 / Shoulder Launched Munitions, All Types E88401 / MUNITION Defeat(BDM), Rkt&L Cost Elements (Units in Each) Fiscal Year 2019 Fiscal Year 2019 Fiscal Year 2019 Fiscal Year 2019 Calendar Year 2019 Calendar Year 2019 Calendar Year 2019 Fiscal Year 2020 A S O N D J F M A M J J J A S O N D J F M A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U E C O E A E A P A U U U U U E C O O E A E A E A P A U U U U U U E C O O E A E A E A P A U U U U U E C O O E A E A E A P A U U U U U E C O O E A E A E A P A U U U U U U E C O O E A E A E A P A U U U U U U U U U U U U U U U U U	2348EA4000 / Shoulder Launched Munitions, All Types E88401 / MUNITION, 83m Defeat(BDM), Rkt&Lnchr, Cost Elements (Units in Each)	2348EA4000 / Shoulder Launched Munitions, All Types E88401 / MUNITION, 83mm Bu Defeat(BDM), Rkt&Lnchr, M141 Cost Elements (Units in Each) Fiscal Year 2019 Fiscal Year 2020 ACCEPT PRIOR TO 1 DUE O N D J F M A M J J J A S O N D J F M A M J J J A S O N D J F M A D U U U U U U U U U U U U U U U U U U	2348EA4000 / Shoulder Launched Munitions, All Types E88401 / MUNITION, 83mm Bunker Defeat(BDM), Rkt&Lnchr, M141 [HACC

Appropriation / Budget Activity / Budget Sub Activity: 2034A / 01 / 45 P-1 Line Item Number / Title: 2348EA4000 / Shoulder Launched Munitions, All Types	/pes	J A	J A	J	J F		Ite E8 De	em Nu 88401 efeat(E	March 2 umber 1 / MUN (BDM),	r / Tit NITIC , Rkt&	t le [DC DN, 83 &Lnchi	mm Ē	Bunkei	
2034A / 01 / 45 2348EA4000 / Shoulder Launched Munitions, All Types Cost Elements (Units in Each) Fiscal Year 2021 Fiscal Year 2021	/pes F A E	J A	J A	J	J F		E8 De	88401 efeat(E al Year 20	1 / MUI (BDM), ²⁰²²	NITIC , Rkt&	ON, 83 &Lnchi	mm Ē	Bunkei	
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Calendar Year 2021 No. F. Service PROC OCT AS OF CON BAL DUE OCT AS OF CON BOW CON	J F A E			J A										E
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Prior Years Deliveries: 2041 1 2018 ARMY 1,680 616 1,064 133 133 133 133 133 133 133 133 1 2019 ARMY 914 514 400 50 50 50 50 50 50 50 ✓ 1 2020 ARMY 1,637 0 1,637 - - - - - - - - - - 700 700 700 237			N				M A R	P				A U G	S E P	N C
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Exhibit P-21, Production Schedule: PB 2020 Army		Date: March 2019
Appropriation / Budget Activity / Budget Sub Activity: 2034A / 01 / 45	P-1 Line Item Number / Title: 2348EA4000 / Shoulder Launched Munitions, All Types	Item Number / Title [DODIC]: E88401 / MUNITION, 83mm Bunker Defeat(BDM), Rkt&Lnchr, M141 [HA08]

Γ			Product	tion Rates (Each /	Month)			•	Procurement Lea	adtime (Months)			
١,	/IFR						lı	nitial			Reo	rder	
- 1	Ref	Manufacturer				ALT	ALT	Manufacturing	Total	ALT	ALT	Manufacturing	Total
	#	Name - Location	MSR For 2020	1-8-5 For 2020	MAX For 2020	Prior to Oct 1	After Oct 1	PLT	After Oct 1	Prior to Oct 1	After Oct 1	PLT	After Oct 1
	1	TO BE SELECTED - TBS01	100	700	1,400	8		8 18	26	6	6	15	21

[&]quot;A" in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

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