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

Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/ Assault Missile Sys	P-1 Line Item Number / Title: 6005C64400 / Guided MLRS Rocket (GMLRS)
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 0603778A, 0205778A
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Line Item MDAP/MAIS Code: 260

Resource Summary	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	27,231	6,528	7,818	-	9,570	9,570	9,492	4,620	6,336	5,808	Continuing	Continuing
Gross/Weapon System Cost (<i>\$ in Millions</i>)	3,395.807	1,027.968	975.507	-	1,228.809	1,228.809	1,239.202	706.644	976.771	991.074	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	3,395.807	1,027.968	975.507	-	1,228.809	1,228.809	1,239.202	706.644	976.771	991.074	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	3,395.807	1,027.968	975.507	-	1,228.809	1,228.809	1,239.202	706.644	976.771	991.074	Continuing	Continuing

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	124.704	157.471	124.777	-	128.402	128.402	130.552	152.953	154.162	170.639	Continuing	Continuing

Description:

FY 2020 funding totals include \$0.0M for Base and \$1,228.809M for Overseas Contingency Operations (OCO); of which \$796.722M and 6,209 quantity 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.

FY20 P1 total quantity is an error and does not match the correct quantity reflected in this P-40 Exhibit.

Guided Multiple Launch Rocket System (GMLRS) rockets are surface-to-surface artillery rockets fired from the Multiple Launch Rocket System (MLRS) and High Mobility Artillery Rocket System (HIMARS) launchers. GMLRS rockets provide 24/7, all-weather precision fires to engage both area and point targets at short, medium, and long ranges. The U.S. Marine Corps also procures GMLRS rockets through the Army project office.

The GMLRS Program currently consists of multiple variants: GMLRS Dual Purpose Improved Conventional Munition (DPICM) is a cluster munition that replaced the shorter range MLRS rockets to engage area or imprecisely located targets. GMLRS DPICM Production was terminated in response to the June 2008 Department of Defense (DoD) Cluster Munitions Policy. GMLRS Unitary utilizes a 200 pound high explosive warhead to engage point targets with limited collateral damage. GMLRS Alternative Warhead (AW) was developed as a non-cluster munition to engage the same target sets as DPICM. GMLRS Unitary and AW are currently in full rate production.

Secondary Distribution		FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024
Army	Quantity	6,528	7,818	0	9,570	9,570	9,492	4,620	6,336	5,808
	Total Obligation Authority	1,027.968	975.507	0.000	1,228.809	1,228.809	1,239.202	706.644	976.771	991.074
Total: Secondary Distribution	Quantity	6,528	7,818	0	9,570	9,570	9,492	4,620	6,336	5,808
	Total Obligation Authority	1,027.968	975.507	-	1,228.809	1,228.809	1,239.202	706.644	976.771	991.074

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

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/
Assault Missile Sys **P-1 Line Item Number / Title:**
6005C64400 / Guided MLRS Rocket (GMLRS)

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0603778A, 0205778A

Line Item MDAP/MAIS Code: 260

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)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-5	C65404 / GUIDED MLRS ROCKET (GMLRS)	P-5a, P-21			27,231 / 3,392.290	6,528 / 1,027.319	7,818 / 975.507	- / -	9,570 / 1,228.318	9,570 / 1,228.318
P-40a	C65406 / GMLRS Training Devices				- / 3.517	- / 0.649	- / -	- / -	- / 0.491	- / 0.491
P-40	Total Gross/Weapon System Cost				27,231 / 3,395.807	6,528 / 1,027.968	7,818 / 975.507	- / -	9,570 / 1,228.809	9,570 / 1,228.809

*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:
There are no FY 2020 Base procurement dollars. FY 2020 OCO procurement dollars in the amount of \$1,228.318 million support the acquisition of 9,570 GMLRS rockets for the United States Army. \$0.491 million of OCO procurement dollars support the acquisition of equipment and support to ensure Guided Multiple Launch Rocket Common Training Device alignment with the production configuration. The actual missile buy quantities are subject to the mix between AW and Unitary warheads, Insensitive Munitions (IM) rocket motor cut-in, and 10,002 tooling capacity ramp-up. AAO: 140,004.

FY 2020 Direct OCO procurement dollars in the amount of \$281.596 million supports the production of 2,193 rockets.

FY 2020 Enduring OCO procurement dollars in the amount of \$150.000 million supports the production of 1,168 rockets.

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.

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Exhibit P-5, Cost Analysis: PB 2020 Army													Date: March 2019								
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30						P-1 Line Item Number / Title: 6005C64400 / Guided MLRS Rocket (GMLRS)						Item Number / Title [DODIC]: C65404 / GUIDED MLRS ROCKET (GMLRS)									
ID Code (A=Service Ready, B=Not Service Ready) :										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)				27,231			6,528			7,818			-			9,570			9,570		
Gross/Weapon System Cost (\$ in Millions)				3,392.290			1,027.319			975.507			-			1,228.318			1,228.318		
Less PY Advance Procurement (\$ in Millions)				-			-			-			-			-			-		
Net Procurement (P-1) (\$ in Millions)				3,392.290			1,027.319			975.507			-			1,228.318			1,228.318		
Plus CY Advance Procurement (\$ in Millions)				-			-			-			-			-			-		
Total Obligation Authority (\$ in Millions)				3,392.290			1,027.319			975.507			-			1,228.318			1,228.318		
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>																					
Initial Spares (\$ in Millions)				-			-			-			-			-			-		
Gross/Weapon System Unit Cost (\$ in Thousands)				124.575			157.371			124.777			-			128.351			128.351		
Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.																					
Cost Elements	Prior Years			FY 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 Total					
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)			
Flyaway Cost																					
Recurring Cost																					
Tactical GMLRS Hardware ^(†)	104.423	27,916	2,915.072	151.746	6,528	990.599	120.372	7,818	941.067	-	-	-	124.827	9,570	1,194.595	124.827	9,570	1,194.595			
Ind Maint/Init Prod Fac	-	-	59.461	-	-	4.716	-	-	4.810	-	-	-	-	-	4.904	-	-	4.904			
Production Verification Testing	-	-	62.148	-	-	6.491	-	-	6.617	-	-	-	-	-	5.065	-	-	5.065			
First Destination Transportation	-	-	4.252	-	-	0.880	-	-	1.068	-	-	-	-	-	1.380	-	-	1.380			
Production Engineering Support	-	-	166.709	-	-	12.235	-	-	12.473	-	-	-	-	-	12.716	-	-	12.716			
Spares	-	-	1.277	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
<i>Subtotal: Recurring Cost</i>	-	-	3,208.919	-	-	1,014.920	-	-	966.036	-	-	0.000	-	-	1,218.659	-	-	1,218.659			
<i>Subtotal: Flyaway Cost</i>	-	-	3,208.919	-	-	1,014.920	-	-	966.036	-	-	0.000	-	-	1,218.659	-	-	1,218.659			
Support - Engineering Change Proposals Cost																					
Engineering Change Proposals	-	-	102.984	-	-	5.869	-	-	5.983	-	-	-	-	-	6.100	-	-	6.100			
<i>Subtotal: Support - Engineering Change Proposals Cost</i>	-	-	102.984	-	-	5.869	-	-	5.983	-	-	0.000	-	-	6.100	-	-	6.100			
Support - Program Management Cost																					
Government Management	-	-	80.387	-	-	6.529	-	-	3.489	-	-	-	-	-	3.558	-	-	3.558			

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Exhibit P-5, Cost Analysis: PB 2020 Army		Date: March 2019
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30	P-1 Line Item Number / Title: 6005C64400 / Guided MLRS Rocket (GMLRS)	Item Number / Title [DODIC]: C65404 / GUIDED MLRS ROCKET (GMLRS)

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal: Support - Program Management Cost</i>	-	-	80.387	-	-	6.529	-	-	3.489	-	-	0.000	-	-	3.558	-	-	3.558
Gross/Weapon System Cost	124.575	27,231	3,392.290	157.371	6,528	1,027.319	124.777	7,818	975.507	-	-	-	128.351	9,570	1,228.318	128.351	9,570	1,228.318

Remarks:
Costs for Engineering Change Proposals covers activities associated with resolving manufacturing related changes that may arise from a variety of factors.

Secondary Distribution		FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Army	Quantity	6,528	7,818	0	9,570	9,570
	Total Obligation Authority	1,027.319	975.507	0.000	1,228.318	1,228.318
Total:	Quantity	6,528	7,818	-	9,570	9,570
Secondary Distribution	Total Obligation Authority	1,027.319	975.507	-	1,228.318	1,228.318

(t) 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: 2032A / 02 / 30			P-1 Line Item Number / Title: 6005C64400 / Guided MLRS Rocket (GMLRS)				Item Number / Title [DODIC]: C65404 / GUIDED MLRS ROCKET (GMLRS)					

Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
Tactical GMLRS Hardware ^(†)		2015	Lockheed Martin M.&F.C Sys. / Dallas, TX	SS / FPIF	Aviation and Missile Command	Jun 2015	Jun 2016	450	125.576	N		Feb 2013
Tactical GMLRS Hardware ^(†)		2016	Lockheed Martin M.&F.C Sys. / Dallas, TX	SS / FPIF	Aviation and Missile Command	May 2016	May 2017	1,572	138.800	N		Feb 2016
Tactical GMLRS Hardware ^(†)		2017	Lockheed Martin M.&F.C Sys. / Dallas, TX	SS / FPIF	Aviation and Missile Command	May 2017	Jul 2018	2,970	112.270	N		Feb 2016
Tactical GMLRS Hardware ^(†)		2018	Lockheed Martin M.&F.C Sys. / Dallas, TX	SS / FPIF	Aviation and Missile Command	Apr 2018	Aug 2019	6,528	151.746	N		Feb 2017
Tactical GMLRS Hardware ^(†)		2019	Lockheed Martin M.&F.C Sys. / Dallas, TX	SS / FPIF	Aviation and Missile Command	Mar 2019	Jun 2020	7,818	120.372	N		Feb 2018
Tactical GMLRS Hardware ^(†)	✓	2020	Lockheed Martin M.&F.C Sys. / Dallas, TX	SS / FPIF	Aviation and Missile Command	Feb 2020	May 2021	9,570	124.827	N		Feb 2019

^(†) indicates the presence of a P-21

Remarks:

Lockheed Martin is currently the industry source that is both facilitated and qualified to produce the GMLRS rocket. FY19 and FY20 annual production contracts are options on the FY18 base contract.

*Sole Source/Fixed Price Incentive Firm

**Aviation and Missile Command, Redstone Arsenal, Alabama

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Exhibit P-21, Production Schedule: PB 2020 Army															Date: March 2019														
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30										P-1 Line Item Number / Title: 6005C64400 / Guided MLRS Rocket (GMLRS)										Item Number / Title [DODIC]: C65404 / GUIDED MLRS ROCKET (GMLRS)									

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2017														Fiscal Year 2018														B A L A N C E		
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEP T P R I O R T O 1 O C T 2 0 1 6	BAL D U E A S O F 1 O C T	Calendar Year 2017														Calendar Year 2018														
							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					
Tactical GMLRS Hardware																																			
Prior Years Deliveries: 22924																																			
1	2015	ARMY	450	162	288	36	36	36	36	36	36	36	36	36																		0			
1	2015	FMS (+)	390	126	264	36	36	30	30	30	30	36	36																			0			
1	2015	MC (+)	60	24	36	6	6	6	6	6	6	-	-																			0			
1	2015	Total	900	312	588	78	78	72	72	72	72	72	72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0				
1	2016	ARMY	1,572	0	1,572	-	-	-	-	-	-	-	156	156	156	156	156	156	102	96	96	96	90								0				
1	2016	FMS (+)	492	0	492	-	-	-	-	-	-	-	36	36	36	42	42	42	42	42	42	48	42	42							0				
1	2016	MC (+)	90	0	90	-	-	-	-	-	-	-	12	12	12	6	6	6	6	6	6	6	6								0				
1	2016	Total	2,154	0	2,154	-	-	-	-	-	-	-	204	204	204	204	204	204	204	150	144	150	144	138	-	-	-	-	-	0					
1	2017	ARMY	2,970	0	2,970								A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	252	252	252	2,214				
1	2017	FMS (+)	60	0	60								A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60	-	-	0				
1	2017	MC (+)	336	0	336								A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	24	24	264				
1	2017	Total	3,366	0	3,366								-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	336	276	276	2,478				
1	2018	ARMY	6,528	0	6,528																										6,528				
1	2018	FMS (+)	96	0	96																										96				
1	2018	MC (+)	372	0	372																										372				
1	2018	Total	6,996	0	6,996																										6,996				
1	2019	ARMY	7,818	0	7,818																										7,818				
1	2019	FMS (+)	462	0	462																										462				
1	2019	MC (+)	222	0	222																										222				
1	2019	Total	8,502	0	8,502																										8,502				
✓ 1	2020	ARMY	9,570	0	9,570																										9,570				
						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						

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Exhibit P-21, Production Schedule: PB 2020 Army															Date: March 2019														
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30										P-1 Line Item Number / Title: 6005C64400 / Guided MLRS Rocket (GMLRS)										Item Number / Title [DODIC]: C65404 / GUIDED MLRS ROCKET (GMLRS)									

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2019														Fiscal Year 2020														BALANCE	
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2018	BAL DUE AS OF 1 OCT	Calendar Year 2019														Calendar Year 2020														
							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					
Tactical GMLRS Hardware																																			
Prior Years Deliveries: 22924																																			
1	2015	ARMY		450	450	0																												0	
1	2015	FMS (+)		390	390	0																												0	
1	2015	MC (+)		60	60	0																												0	
1	2015	Total		900	900	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0		
1	2016	ARMY		1,572	1,572	0																												0	
1	2016	FMS (+)		492	492	0																												0	
1	2016	MC (+)		90	90	0																												0	
1	2016	Total		2,154	2,154	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0		
1	2017	ARMY		2,970	756	2,214	246	246	246	246	246	246	246	246																				0	
1	2017	FMS (+)		60	60	0	-	-	-	-	-	-	-	-																				0	
1	2017	MC (+)		336	72	264	24	30	30	30	30	30	30	30																				0	
1	2017	Total		3,366	888	2,478	270	276	276	276	276	276	276	276	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0			
1	2018	ARMY		6,528	0	6,528	-	-	-	-	-	-	-	-		546	546	546	546	546	546	546	546	540	540	540	540						0		
1	2018	FMS (+)		96	0	96	-	-	-	-	-	-	-	-		12	12	12	12	6	6	6	6	6	6	6	6						0		
1	2018	MC (+)		372	0	372	-	-	-	-	-	-	-	-		36	36	30	30	30	30	30	30	30	30	30	30						0		
1	2018	Total		6,996	0	6,996	-	-	-	-	-	-	-	-		594	594	588	588	582	582	582	582	576	576	576	576	-	-	-	-	0			
1	2019	ARMY		7,818	0	7,818																												5,202	
1	2019	FMS (+)		462	0	462																												318	
1	2019	MC (+)		222	0	222																												138	
1	2019	Total		8,502	0	8,502																												5,658	
✓ 1	2020	ARMY		9,570	0	9,570																												9,570	

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Exhibit P-21, Production Schedule: PB 2020 Army																							Date: March 2019										
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30										P-1 Line Item Number / Title: 6005C64400 / Guided MLRS Rocket (GMLRS)										Item Number / Title [DODIC]: C65404 / GUIDED MLRS ROCKET (GMLRS)													
Cost Elements (Units in Each)						Fiscal Year 2021													Fiscal Year 2022													BALANCE	
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2020	BAL DUE AS OF 1 OCT	Calendar Year 2021													Calendar Year 2022													
							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			
Tactical GMLRS Hardware																																	
Prior Years Deliveries: 22924																																	
	1	2015	ARMY	450	450	0																								0			
	1	2015	FMS (+)	390	390	0																								0			
	1	2015	MC (+)	60	60	0																								0			
	1	2015	Total	900	900	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0			
	1	2016	ARMY	1,572	1,572	0																								0			
	1	2016	FMS (+)	492	492	0																								0			
	1	2016	MC (+)	90	90	0																								0			
	1	2016	Total	2,154	2,154	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0			
	1	2017	ARMY	2,970	2,970	0																								0			
	1	2017	FMS (+)	60	60	0																								0			
	1	2017	MC (+)	336	336	0																								0			
	1	2017	Total	3,366	3,366	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0			
	1	2018	ARMY	6,528	6,528	0																								0			
	1	2018	FMS (+)	96	96	0																								0			
	1	2018	MC (+)	372	372	0																								0			
	1	2018	Total	6,996	6,996	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0			
	1	2019	ARMY	7,818	2,616	5,202	654	654	654	648	648	648	648	648																0			
	1	2019	FMS (+)	462	144	318	42	42	42	42	42	42	36	30																0			
	1	2019	MC (+)	222	84	138	30	30	18	18	18	18	6	-																0			
	1	2019	Total	8,502	2,844	5,658	726	726	714	708	708	708	690	678	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0				
✓	1	2020	ARMY	9,570	0	9,570	-	-	-	-	-	-	798	798	798	798	798	798	798	798	798	798	798	798	798	798	798	798	798	0			
							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			

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Exhibit P-21, Production Schedule: PB 2020 Army							Date: March 2019					
Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30				P-1 Line Item Number / Title: 6005C64400 / Guided MLRS Rocket (GMLRS)				Item Number / Title [DODIC]: C65404 / GUIDED MLRS ROCKET (GMLRS)				
MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
		MSR For 2020	1-8-5 For 2020	MAX For 2020	Initial				Reorder			
					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
1	Lockheed Martin M.&F.C Sys. - Dallas, TX	2,160	10,002	10,002	0	2	16	18	0	5	15	20

Remarks:
 Production of GMLRS varies as this program shares a production line with Low Cost Reduced Range Practice Rockets (LCRRPR). There are no production gaps during months that GMLRS are not being produced as LCRRPR Rocket production continues. GMLRS and LCRRPR synergized production efforts result in a decreased unit cost for both programs. An established organic industrial base is in place to perform download/demate of M26 rocket pods to support production efforts for both programs.

(†) 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 10,000 and 999,999 all quantities are shown in thousands. 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-40a, Budget Item Justification For Aggregated Items: PB 2020 Army **Date:** March 2019

Appropriation / Budget Activity / Budget Sub Activity: 2032A / 02 / 30 **P-1 Line Item Number / Title:** 6005C64400 / Guided MLRS Rocket (GMLRS) **Aggregated Items Title:** Various

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
GMLRS Training Devices																				
C65406 / GMLRS Training Devices			-	-	3.517	-	-	0.649	-	-	-	-	-	-	-	-	0.491	-	-	0.491
<i>Secondary Distribution</i>																				
Army				-	-		-	0.649		-	-		-	0.000		-	0.491		-	0.491
Subtotal: GMLRS Training Devices			-	-	3.517	-	-	0.649	-	-	-	-	-	-	-	-	0.491	-	-	0.491
Total			-	-	3.517	-	-	0.649	-	-	-	-	-	-	-	-	0.491	-	-	0.491

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