

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2021 Air Force										Date: February 2020		
Appropriation / Budget Activity / Budget Sub Activity: 3020F: Missile Procurement, Air Force / BA 01: Ballistic Missiles / BSA 3: Missile Replacement Equipment - Ballistic							P-1 Line Item Number / Title: 00099L / Missile Replacement Eq-Ballistic					
ID Code (A=Service Ready, B=Not Service Ready): A				Program Elements for Code B Items: N/A				Other Related Program Elements: 0101213F				
Line Item MDAP/MAIS Code: N/A												
Resource Summary	Prior Years	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total	FY 2022	FY 2023	FY 2024	FY 2025	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	13.927	55.888	75.012	-	75.012	51.303	48.379	36.531	23.523	-	304.563
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	13.927	55.888	75.012	-	75.012	51.303	48.379	36.531	23.523	-	304.563
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	13.927	55.888	75.012	-	75.012	51.303	48.379	36.531	23.523	-	304.563
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
<p>Description:</p> <p>This program funds replacement of organizational and intermediate level support equipment for all out-of-production ballistic missile systems. Equipment procured is used for missile weapon systems maintenance and testing at organizational/intermediate (base/field) launch control facilities, as well as missile testing facilities. Equipment and qualified minor construction costs related to depot activation. Funding may be used to address Diminishing Manufacturing Sources (DMS) issues..</p> <p>The FY2021 funding request was reduced by \$5.656 million to account for the availability of prior year execution balances.</p> <p>Related Research, Development, Test & Evaluation, Air Force funding is contained in PE 0101213F.</p> <ul style="list-style-type: none"> • Pendulous Integrating Gyroscopic Accelerometer/G6B4 Build Equipment Replacement (PIGA/G6B4 BER) program replaces and updates obsolete systems. PIGA/G6B4 BER EMD activities will modify or replace one Alignment Test Station and one Electrical Alignment Test Station. Additionally, funds may be used for any parts/re-work/technical data necessary for the retrofit of assets produced during RDT&E for operational capability after testing. This is a FY21 Procurement New Start. • Ballistic Missile Items Less Than \$5 Million: Support Equipment Less Than \$5M procures low cost new, modified or replacement support equipment, to include facilities and other equipment to support programmed depot maintenance capability activation. This also includes efforts required to prepare for re-location of T-41 trainer from Malmstrom AFB to Vandenberg AFB. • MM Power Panels (PPM): Minuteman Power Panels replaces obsolete and unsupportable power distribution panels within Launch Control Centers and Launch Facilities. The LGM-30G Power Panels Modification (PPM) modernizes the antiquated power distribution system to improve reliability and sustainability at each of the three wings: Malmstrom, Minot, and FE Warren. Installation of the power panels requires extensive demolition of existing components, relocation of all electrical equipment and installation of the new equipment. Effort also includes technical data and installation necessary for full operation capability of the trainer power panel modification to support PPM. • Payload Transporter Replacement (PTR): Provides nuclear certified tractor and trailer to emplace, extract and transport the reentry system, Propulsion System Rocket Engine, and guidance systems. Replaces current payload transporter to meet USSTRATCOM security requirements and addresses supportability issues. Required to sustain Minuteman III operations through fielding of Ground Based Strategic Deterrent (GBSD) in 2036. 												

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Appropriation / Budget Activity / Budget Sub Activity: 3020F: Missile Procurement, Air Force / BA 01: Ballistic Missiles / BSA 3: Missile Replacement Equipment - Ballistic		P-1 Line Item Number / Title: 00099L / Missile Replacement Eq-Ballistic
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 0101213F
Line Item MDAP/MAIS Code: N/A		
<ul style="list-style-type: none"> • Performance Assessment Data System Communication Equipment Interface Unit (PADS CEIU II): Performance Assessment Data System (PADS) is used to collect and analyze Missile Guidance Computer (MGC) data, Launch Facility (LF) faults and anomalies, as well as LF security and Environmental Control System (ECS) data. PADS is a critical MM III legacy data system, developed in the late 1970s and redesigned in 1996-1999, using commercial software. This program addresses PADS reliability, by updating software to meet Air Force software security requirements and to conform to the Air Force standard desktop configuration. PADS Communications Equipment Interface Unit (CEIU) is used to transmit MM III Inertial Measurement Unit (IMU) Performance Data (IPD) from the Launch Control Center (LCC) to the PADS at the support base via telephone lines. CEIU is unclassified equipment, but interfaces with both classified and non-classified systems. This program will update the current CEIU. The change to CEIU design will no longer utilize a modem but will instead use internet protocol (IP). • Reentry Field Support Equipment (RFSE): RFSE replaces the current reentry system test set. RFSE will increase the Mean Time Between Failure, eliminate unneeded Mk12 functions, and add new Mk21 functions. It will provide capability to meet Department of Energy mandated Limited Life Component warhead swaps and to test electrical continuity during buildup of Minuteman III reentry systems. • Transporter Erector Replacement Program (TERP): The Transporter Erector Replacement Program (TERP) replaces the current transporter erector used to emplace, extract and transport MM III boosters to and from launch facilities. The TERP program will also update existing drawings, specifications and technical orders to eliminate parts obsolescence and support operations through the fielding of Ground Based Strategic Deterrent (GBSD) in 2036. 		

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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: 0101213F				
Line Item MDAP/MAIS Code: N/A										
Exhibits Schedule					Prior Years	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 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-40a	Ballistic Missile Items Less Than \$5 Million				- / -	- / 3.000	- / 0.105	- / 0.385	- / -	- / 0.385
P-40a	MM Power Panels (PPM)				- / -	- / 3.395	- / 0.100	- / -	- / -	- / -
P-40a	Payload Transporter Replacement (PTR)				- / -	- / 7.282	- / 19.404	- / 38.160	- / -	- / 38.160
P-40a	Pendulous Integrating Gyroscopic Accelerometer/G6B4 Build Equipment Replacement (PIGA/G6B4 BER)				- / -	- / -	- / -	- / 1.538	- / -	- / 1.538
P-40a	Perf Assess Data Sys Comm Equip Interface Unit (PADS CEIU II)				- / -	- / 0.250	- / 0.000	- / 0.000	- / -	- / 0.000
P-40a	Reentry Field Support Equipment (RFSE)				- / -	- / 0.000	- / 0.302	- / -	- / -	- / -
P-40a	Transporter Erector Replacement Program (TERP)				- / -	- / -	- / 35.977	- / 34.929	- / -	- / 34.929
P-40	Total Gross/Weapon System Cost				- / -	- / 13.927	- / 55.888	- / 75.012	- / -	- / 75.012
<p>*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. Title represents the P-40a Title when only the P-40a Summary/Total is shown.</p> <p>Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.</p>										
<p>Justification: This program, Missile Replacement Eq-Ballistic P-40A Category LGM-30G Item Pendulous Integrating Gyroscopic Accelerometer/G6B4 Build Equipment Replacement (PIGA/G6B4 BER), is a new start.</p> <p>FY21 funding provides replacement support equipment items for an aging inventory of equipment which has become increasingly more costly to maintain. These items will increase ballistic missile system reliability and maintainability by providing state-of-the-art maintenance repair and testing capability. The items are required to bridge the gap to the National Defense Strategy and National Military Strategy directed nuclear force modernization activities. Requirements are jointly determined by Headquarters United States Air Force (HQ USAF), Air Force Materiel Command (AFMC) and Air Force Global Strike Command (AFGSC) and are based on established allowance standards.</p> <p>Items requested in FY21 are displayed on the attached P-40A. Items procured during execution may change based on critical equipment needed to support current and emerging Air Force mission requirements.</p> <ul style="list-style-type: none"> • Pendulous Integrating Gyroscopic Accelerometer/G6B4 Build Equipment Replacement (PIGA/G6B4 BER): PIGA/G6B4 BER program replaces unsustainable equipment due to obsolescence issues affecting the ability to test and build the PIGA and G6B4, using FY21 funds to procure a total of two test stations: one Alignment Test Station and one Electrical Alignment Test Station. • Ballistic Missile Items Less Than \$5 Million: Procured low cost support equipment required to sustain Minuteman III operations through fielding of the Ground Based Strategic Deterrent (GBSD). • MM Power Panels (PPM): Procures power panel replacements required to sustain Minuteman III operations through fielding of the Ground Based Strategic Deterrent (GBSD). Installation of all power panels will complete in FY20. • Payload Transporter Replacement (PTR): The production contract was awarded in 3QFY19 for the first production article. Production will start in FY20 with the procurement of 2 units. FY21 will include award of 5 units for production. • Reentry Field Support Equipment (RFSE): This program was completed in FY20. 										

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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: 0101213F
Line Item MDAP/MAIS Code: N/A		
<ul style="list-style-type: none">• Transporter Erector Replacement Program (TERP): Order for the first 4 units occurred in FY19 with 7 additional units procured in FY20. FY21 funding will be used to procure 8 remaining assets required to achieve Full Operational Capability.		

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2021 Air Force															Date: February 2020					
Appropriation / Budget Activity / Budget Sub Activity: 3020F / 01 / 3								P-1 Line Item Number / Title: 00099L / Missile Replacement Eq-Ballistic							Aggregated Items Title: Ballistic Missile Items Less Than \$5 Million					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2019			FY 2020			FY 2021 Base			FY 2021 OCO			FY 2021 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Various																				
Various	A		-	-	-	-	-	3.000	-	-	0.105	-	-	0.385	-	-	-	-	-	0.385
Subtotal: Various			-	-	-	-	-	3.000	-	-	0.105	-	-	0.385	-	-	-	-	-	0.385
Total			-	-	-	-	-	3.000	-	-	0.105	-	-	0.385	-	-	-	-	-	0.385
Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.																				
Remarks: Support Equipment Less Than \$5M procures low cost new, modified or replacement support equipment, to include facilities and other equipment to support programmed depot maintenance capability activation.																				

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Appropriation / Budget Activity / Budget Sub Activity: 3020F / 01 / 3						P-1 Line Item Number / Title: 00099L / Missile Replacement Eq-Ballistic						Aggregated Items Title: MM Power Panels (PPM)								
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2019			FY 2020			FY 2021 Base			FY 2021 OCO			FY 2021 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
LGM-30G																				
LGM-30G Minuteman III Power Panels (PPM)	A		-	-	-	-	-	3.395	-	-	0.100	-	-	-	-	-	-	-	-	-
Subtotal: LGM-30G			-	-	-	-	-	3.395	-	-	0.100	-	-	-	-	-	-	-	-	-
Total			-	-	-	-	-	3.395	-	-	0.100	-	-	-	-	-	-	-	-	-
<p>Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.</p> <p>Remarks: Description: The LGM-30G Power Panels Modification (PPM) modernizes the antiquated power distribution system to improve reliability and sustainability at each of the three wings: Malmstrom, Minot, and FE Warren. Installation of the power panels requires extensive demolition of existing components, relocation of all electrical equipment and installation of the new equipment. Effort also includes technical data and installation necessary for full operation capability of the trainer power panel modification to support PPM.</p> <p>Justification: Program completes installation in FY20.</p>																				

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Appropriation / Budget Activity / Budget Sub Activity: 3020F / 01 / 3								P-1 Line Item Number / Title: 00099L / Missile Replacement Eq-Ballistic							Aggregated Items Title: Payload Transporter Replacement (PTR)					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2019			FY 2020			FY 2021 Base			FY 2021 OCO			FY 2021 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
LGM-30G																				
LGM-30G Payload Transporter Replacement (PTR)	A		-	-	-	-	-	7.282	9.702	2	19.404	7.632	5	38.160	-	-	-	7.632	5	38.160
Subtotal: LGM-30G			-	-	-	-	-	7.282	-	-	19.404	-	-	38.160	-	-	-	-	-	38.160
Total			-	-	-	-	-	7.282	-	-	19.404	-	-	38.160	-	-	-	-	-	38.160
<p>Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.</p> <p>Remarks: Description Provides nuclear certified tractor and trailer to emplace, extract and transport the reentry system, Propulsion System Rocket Engine, and guidance systems. Replaces current payload transporter to meet USSTRATCOM security requirements and addresses supportability issues. PTR will update existing drawings, specifications, and technical orders to eliminate parts obsolescence and address the intended usage through fielding of Ground Based Strategic Deterrent (GBSD).</p> <p>Justification FY21 funds will be used to produce five Payload Transporter Replacement (PTR) units and associated PMA efforts.</p>																				

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Appropriation / Budget Activity / Budget Sub Activity: 3020F / 01 / 3								P-1 Line Item Number / Title: 00099L / Missile Replacement Eq-Ballistic							Aggregated Items Title: Pendulous Integrating Gyroscopic Accelerometer/G6B4 Build Equipment Replacement (PIGA/G6B4 BER)				

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2019			FY 2020			FY 2021 Base			FY 2021 OCO			FY 2021 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
LGM-30G																				
Pendulous Integrating Gyroscopic Accelerometer/G6B4 Build Equipment Replacement (PIGA/ G6B4 BER)	A		-	-	-	-	-	-	-	-	-	0.769	2	1.538	-	-	-	0.769	2	1.538
Subtotal: LGM-30G			-	-	-	-	-	-	-	-	-	-	-	1.538	-	-	-	-	-	1.538
Total			-	-	-	-	-	-	-	-	-	-	-	1.538	-	-	-	-	-	1.538

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

Remarks:

Description: The Missile Guidance Set (MGS) repair is dependent on the proper functioning of the PIGA and G6B4 build equipment. The Pendulous Integrating Gyroscopic Accelerometer/G6B4 Build Equipment Replacement (PIGA/G6B4 BER) program replaces and updates obsolete systems. PIGA/G6B4 BER EMD activities will modify or replace one Alignment Test Station, one Gyro F-coefficient Station, one Torque Test Station, one Electrical Alignment Test Station, one Slip Ring Module Test Station, and one Digital Pickoff Alignment Test Station. Additionally, funds may be used for any parts/re-work/technical data necessary for the retrofit of assets produced during RDT&E for operational capability after testing. This is an FY21 Procurement New Start.

Justification: Pendulous Integrating Gyroscopic Accelerometer/G6B4 Build Equipment Replacement (PIGA/G6B4 BER) program replaces unsustainable equipment due to obsolescence issues affecting the ability to test and build the PIGA and G6B4, using FY21 funds to procure a total of two test stations: one Alignment Test Station and one Electrical Alignment Test Station.

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Appropriation / Budget Activity / Budget Sub Activity: 3020F / 01 / 3								P-1 Line Item Number / Title: 00099L / Missile Replacement Eq-Ballistic							Aggregated Items Title: Perf Assess Data Sys Comm Equip Interface Unit (PADS CEIU II)					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2019			FY 2020			FY 2021 Base			FY 2021 OCO			FY 2021 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
LGM-30G																				
Performance Assessment Data System Comm Equipment Interface Unit (PADS CEIU II)	A		-	-	-	-	-	0.250	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
Subtotal: LGM-30G			-	-	-	-	-	0.250	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
Total			-	-	-	-	-	0.250	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.																				
Remarks: Description: Performance Assessment Data System (PADS) is used to collect and analyze Missile Guidance Computer (MGC) data, Launch Facility (LF) faults and anomalies, as well as LF security and Environmental Control System (ECS) data. PADS is a critical MM III legacy data system, developed in the late 1970s and redesigned in 1996-1999, using commercial software. This program addresses PADS reliability, by updating software to meet Air Force software security requirements and to conform to the Air Force standard desktop configuration. PADS Communications Equipment Interface Unit (CEIU) is used to transmit MM III Inertial Measurement Unit (IMU) Performance Data (IPD) from the Launch Control Center (LCC) to the PADS at the support base via telephone lines. CEIU is unclassified equipment, but interfaces with both classified and non-classified systems. This program will update the current CEIU. The change to CEIU design will no longer utilize a modem but will instead use internet protocol (IP).																				

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Appropriation / Budget Activity / Budget Sub Activity: 3020F / 01 / 3								P-1 Line Item Number / Title: 00099L / Missile Replacement Eq-Ballistic							Aggregated Items Title: Reentry Field Support Equipment (RFSE)				

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2019			FY 2020			FY 2021 Base			FY 2021 OCO			FY 2021 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
LGM-30G																				
LGM-30G Reentry Field Support Equipment (RFSE)	A		-	-	-	-	-	0.000	-	-	0.302	-	-	-	-	-	-	-	-	-
Subtotal: LGM-30G			-	-	-	-	-	0.000	-	-	0.302	-	-	-	-	-	-	-	-	-
Total			-	-	-	-	-	0.000	-	-	0.302	-	-	-	-	-	-	-	-	-

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

Remarks:

Description: The Reentry System Field Support Equipment (RFSE) program produced test sets to replace the aging and obsolete Reentry System Test Set (RSTS) and the Safety Enhanced Reentry Vehicle (SERV) Field Test Set (SFTS). The RSTS was built in the late 1960s, using early 1960s technology. The RSTS was designed to have a Mean Time Between Failures (MTBF) of approximately 3000 hours but has degraded to about 24 hours at RFSE program initiation. The replacement effort consisted of procuring Reentry System Test Consoles (RSTC), Forward Section Test Sets (FSTS), and sets of support equipment consisting of a RSTC Alignment Console and two FSTS calibration boxes per set. This procurement action fulfilled the requirements of AFGSC.

The test sets are used to functionally test Mk12A and Mk21 Reentry Systems and the Mk12A Reentry Vehicle's Forward Sections and support the Minuteman III Intercontinental Ballistic Missile (ICBM) weapon system ensuring its viability to 2030 and beyond.

Justification: This program was completed in FY20.

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Appropriation / Budget Activity / Budget Sub Activity: 3020F / 01 / 3								P-1 Line Item Number / Title: 00099L / Missile Replacement Eq-Ballistic							Aggregated Items Title: Transporter Erector Replacement Program (TERP)				

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2019			FY 2020			FY 2021 Base			FY 2021 OCO			FY 2021 Total		
			Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
LGM-30G																				
LGM-30G Transporter Erector Replacement Program (TERP)	A		-	-	-	-	-	-	5.140	7	35.977	4.366	8	34.929	-	-	-	4.366	8	34.929
Subtotal: LGM-30G			-	-	-	-	-	-	-	-	35.977	-	-	34.929	-	-	-	-	-	34.929
Total			-	-	-	-	-	-	-	-	35.977	-	-	34.929	-	-	-	-	-	34.929

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

Remarks:
 Description
 The Transporter Erector Replacement Program (TERP) replaces the current transporter erector used to emplace, extract and transport MM III boosters to and from launch facilities. TERP will update existing drawings, specifications and technical orders to eliminate parts obsolescence and address the intended usage through fielding of Ground Based Strategic Deterrent (GBSD).

Justification
 FY21 funding will be used to support the procurement and fielding of TERP assets.