

**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2019 Defense Information Systems Agency **Date:** February 2018

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 01: Major Equipment / BSA 5: Major Equipment, DISA	<b>P-1 Line Item Number / Title:</b> 90 / White House Communication Agency
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> 0303134K	<b>Other Related Program Elements:</b> N/A
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**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	131.642	35.977	45.243	94.610	-	94.610	45.079	45.979	47.127	48.305	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	131.642	35.977	45.243	94.610	-	94.610	45.079	45.979	47.127	48.305	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>131.642</b>	<b>35.977</b>	<b>45.243</b>	<b>94.610</b>	<b>-</b>	<b>94.610</b>	<b>45.079</b>	<b>45.979</b>	<b>47.127</b>	<b>48.305</b>	<b>Continuing</b>	<b>Continuing</b>

*(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 Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-

**Description:**

The White House Communication Agency (WHCA) provides assured voice, video, and data information services to the President of the United States (POTUS), Vice President of the United States (VPOTUS), White House Staff, National Security Staff (NSS), US Secret Service (USSS), and others as directed by the White House Military Office (WHMO). The WHMO also directs the WHCA to serve as the IT provider to the WHMO enterprise of customers, to include Presidential Airlift Group/Air Force One, Marine One, Camp David, White House Transportation Agency, White House Presidential Mess, White House Medical Unit, military aides, and others within WHMO. WHCA must balance the integration of innovative and customer-desired technologies with the ability to operate on-demand within any environment from normal to emergency conditions. WHCA will continue to provide command and control capabilities to the President and senior national leaders while integrating technology and innovation to transform the President's multiple communication capabilities and information sharing domains into one integrated, seamless environment of unified capabilities.

Along with supporting all POTUS/VPOTUS/First Lady of the United States (FLOTUS) travel both within the continental United States and overseas, WHCA maintains a physical communications infrastructure at the White House, the Naval Observatory, Camp David, Presidential and Vice Presidential Second Residences, and numerous classified facilities. WHCA operates and maintains a radio infrastructure in the National Capital Region, from Camp David to Quantico, providing network coverage for the USSS, Presidential Helicopter Squadron, and the Presidential Airlift Group.

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**Line Item MDAP/MAIS Code:** N/A

Exhibits Schedule					Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 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	Hardware, Install, Sparing, PMSI	P-5a			- / 131.642	- / 35.977	- / 45.243	- / 94.610	- / -	- / 94.610
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 131.642</b>	<b>- / 35.977</b>	<b>- / 45.243</b>	<b>- / 94.610</b>	<b>- / -</b>	<b>- / 94.610</b>

\*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:**

FY 2017: (\$35.977)

**Broadcast: (\$2.842)** Continued to evolve broadcast studio capabilities and strategies for unified communications, increased bandwidth, On-demand services, enhanced use of multi-media as a communications medium, and Broadcast capabilities. Implemented Next Generation broadcast event production and support systems; continued to leverage smart tagging techniques for global access and search; modernized and automated the Master Control storage area network system (MC SAN) and Presidential Records Archiving and Accessibility to support Presidential post productions storage, reporting, and public dissemination and use.

**System of Systems: (\$6.185)** Continued to evolve field smart, secure mobile, wireless devices and technologies to provide mobile users with next generation portable communication capabilities and platforms. Continued to conduct technology and engineering assessments with the intent of integrating best of breed COTS products to support the implementation of on-demand service delivery options for all mobile and airborne platforms.

**System Assurance: (\$2.235)** Refined defense solutions, personnel, techniques, and best practices to defend, detect, and mitigate cyber-based threats throughout the WHMO/WHCA infrastructure. Continued to replace end of life encryption equipment and software for existing operations of all voice, video, data and transport systems.

**Network and Data: (\$7.976)** Continued to apply a multi phased data cloud solution, incorporating DISA Enterprise Services where possible, that supports the Presidential Information Technology Community ((PITC) formerly PCI)) and mobile users during Presidential events. Continued to evolve and consolidate WHCA's on-demand network backbone infrastructure and unify IP services; next generation network services, operations and management and support to mature WHCA mobile communications and computing. Provided storage, virtualization, and collaborative tools to WHMO/WHCA. Adopted DoD Senior National Leadership Command and Control Communications recommendations for assured communications that meet WHCA's Primary Alternate Contingency Emergency (P.A.C.E) communications requirements including Continuity of Operations (CONOPS), and Continuity of Government (COG).

**Facilities and Infrastructure: (\$1.979)** Continued to upgrade WHCA's telecommunications infrastructure to support multiple WHMO/WHCA facilities. Supported the WHMO/WHCA's consolidation of infrastructure and communications capabilities that will provide unified operations and seamless Situational Awareness (SA), Common Operational Picture (COP) and Command and Control (C2) capabilities. Continued to upgrade infrastructure for White House East Wing/West Wing renovations upon execution, Camp David Facilities, and other locations supporting on-the-move and trip site communication needs.

**Transport: (\$6.465)** Continued to leverage and acquire emerging network transport technologies to build out a Multiple Level Secure (MLS) backbone supporting secure unified communications and high speed assured transport; and evaluated DoD/DISA and commercial SATCOM service solutions (e.g., Wideband Global SATCOM, Mobile User Objective system (MUOS), and Iridium).

**Voice and Video Teleconferencing: (\$7.000)** Refined federated switchboard solution including WHCA's POTUS VoIP/VoSIP solution. Continued to migrate to an enterprise on-demand, MLS voice and video collaborative capability, and on-line virtual work space. Completed integration of Voice, Video, and Data information from multiple systems, multiple networks, and multiple WHMO/WHCA entities.

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<p>Technology Insertion: (\$1.295) Continued to support associated communications and technology improvements that provide critical operational support capabilities to the POTUS, VPOTUS, Senior Staff and the DNLCC.</p> <p>FY 2018 (\$45.243). WHCA's Presidential Service Strategy 2022 (PSS 2022) updates WHCA's Presidential Communications Vision 2020 (PCV 2020) to reflect capability achievements made in mobility, cybersecurity, retirement of legacy technologies, and other modernization efforts to improve the White House's ability to develop and implement national level policy on a day to day basis and during crisis using the National Leadership Command Capability (NLCC) infrastructure. Efforts include strategic enterprise level initiatives required by the White House Director of Information Technology (D/WHIT) for unified services enabled by converging network and service infrastructures and business practices. For FY18, some of WHCA's portfolios have changed to better represent service capabilities, improve mission alignment, and identify traceability of initiatives to new modernization efforts advanced in WHCA's Presidential Service Strategy. WHCA's PSS 2022 is the central theme of WHCA's Strategic Plan and approach for transformational modernization and innovation to ensure POTUS and VPOTUS can communicate anywhere, anytime, by any means with anyone in the world. PSS 2022 is WHCA's means to achieve targeted architectures comprised of mobile IP solutions enabling unified capabilities and seamless services for information sharing and communications including: Presidential Travel Services Modernization; Senior Leader Communications, Command and Control; Mobility; Cyber Resilience; Network Infrastructure Convergence; Next Generation Networking; High Definition Broadcast Services; and, enterprise collaboration capabilities for personnel supporting Presidential events. WHCA strategically manages IT capabilities within five service portfolios: Senior Leader Communications, Enterprise IT, Broadcast and Audio Visual, Transport, and Deployable Services. The PSS is organized around these service portfolios to align WHCA's strategy, vision, and future capabilities with planned initiatives to ensure future success.</p> <p>Broadcast and Audio Visual Services: (\$5.330) Continues to evolve broadcast studio capabilities and strategies for unified communications, increased bandwidth, On-demand services, enhanced use of multi-media as a communications medium, and Broadcast capabilities. Continue to implement Next Generation broadcast event production and support systems; continue to leverage smart tagging techniques for global access and search; modernize and automate the Master Control storage area network system (MC SAN) and Presidential Records Archiving and Accessibility to support Presidential post productions storage, reporting, and public dissemination and use. Provide multimedia services and production products to government, news, and other organizations for recording events, providing historical records, and custom broadcast products and services of the POTUS, VPOTUS, and other leaders as designated. Services and focus areas within this portfolio are Audio Visual System Support, Broadcast Production, Presidential Broadcast Archive, and Multi-Media Production. Continues to embrace mobile commercial technologies for high definition audiovisual and high quality sound solutions. Modernization will continue to fulfill capability gaps in providing continuity of mission operations (COOP) and adopt emerging digital media technologies.</p> <p>Transport Services: (\$6.530) Continue to leverage and acquire emerging network transport and SATCOM technologies to build out a Multiple Level Secure (MLS) backbone supporting secure unified communications and high speed assured transport; and evaluate DoD/DISA and commercial SATCOM service solutions (e.g., FirstNet, Mobile User Objective system, Free Space Optics, 5G, and Iridium). Deploys the Presidential Transport Network (PTN) as its primary Travel Transport Network supporting Senior Leader Communications, Broadcast and Audio Visual services, and extending PITC Enterprise IT services to customers. Adopt emerging network transport technologies to build out a Multiple Level Secure backbone enabling assured, high speed transport to its support global missions and continue to evaluate DoD/DISA transport service offerings and emerging commercial capabilities for Next Generation transport solutions.</p> <p>Senior Leader Communications (Formerly Network and Data and partially Voice and Video Teleconferencing Portfolios (\$5.000)): (\$13.345) Continue to apply a multi phased data cloud solution, incorporating DISA Enterprise Services where possible, that supports the PITC and mobile users during Presidential events. Will continue to evolve and consolidate WHCA's on-demand network backbone infrastructure and unify IP services; and next generation network services. Will provide storage, virtualization, and collaborative tools to WHMO/WHCA. Adopt DoD Senior National Leadership Command and Control Communications recommendations for assured communications that meet WHCA's Primary Alternate Contingency Emergency communications requirements including Continuity of Operations (CONOPS), and Continuity of Government (COG). Provide reliable, secure, and modern Senior Leader Communication capabilities that enable timely, critically protected information to the POTUS, VPOTUS and their associated support and protection teams, regardless of location to effect national policy and participate in the National Leadership Command Capability (NLCC) infrastructure. Provide national level classified conferencing and continuity of support for the President whether in a permanent or temporary location, using ground transportation, or while aboard fixed-wing and rotary-wing aircraft. Leverages new commercial solutions for new or enhanced capabilities including Presidential Universal Mobile Access (PUMA) classified voice services (up to TS/SCI), Presidential Unified Motorcade Communications (PUMC) that will link key vehicles in the Motorcade into a mobile ad-hoc network, Voice Video, and Visualization, Virtual Personal Assistant, post Zero Day recovery, and next generation networking.</p> <p>Enterprise IT (EIT) (Formerly System Assurance, partially Voice and Video Teleconferencing (\$1.700), and Facilities and Infrastructure Portfolios): (\$11.497) Continues to refine defense solutions, personnel, techniques, and best practices to defend, detect, and mitigate cyber-based threats throughout the WHMO/WHCA infrastructure via a Presidential Digital Services Assurance (PDSA) "Zero Trust" that enable WHCA critical systems to defend against modern, large scale, remote attacks. Continue to replace end of life encryption equipment and software for existing operations of all voice, video, data and transport systems. Delivers reliable, secure, and modern digital services architecture and mobile information sharing environment that employs best-in-class security and innovative business applications. Continue to</p>		

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<p>upgrade WHCA's telecommunications infrastructure to support multiple WHMO/WHCA facilities. Supports the WHMO/WHCA's consolidation of infrastructure and communications capabilities that will provide unified operations and seamless Situational Awareness (SA), Common Operational Picture (COP) and Command and Control (C2) capabilities. Implements IT Service Delivery best practices to meet or exceed service levels agreements; and, postures the PITC network to enable WHCA customers to serve effectively by frequently introducing new digital capabilities and anticipating future data and bandwidth demands.</p> <p>Deployable Services (Formerly System of Systems and Technology Insertion Portfolios): (\$8.541) Will continue to evolve field smart, secure mobile, wireless devices and technologies to provide mobile users with next generation portable communication capabilities and platforms. Continue to conduct technology and engineering assessments with the intent of integrating best of breed COTS products to support the implementation of on-demand service delivery options for all mobile and airborne platforms. Provide rapidly configurable travel systems and mobile vehicle capabilities for the White House, and others as directed. These capabilities mirror high end commercially available solutions that meet customers' requirements for security and high availability of services. Provide a modular system that manages the lifecycle of systems, equipment, and devices and tracks their deployment to mission locations and replenish equipment and service devices.</p> <p>Explanation of Change from FY 2017 to FY 2018: The increase of +\$9.266 from FY 2017 to FY 2018 is attributable to new capabilities required to fulfill two capability gaps, the Presidential Unified Motorcade Communications (PUMC) and the Presidential Digital Services Assurance (PDSA). The PUMC is an interconnected and interoperable motorcade with expanded capabilities and services that work coherently with each other. The PDSA requires upgrades to ensure mission services meet or exceed technical specifications, insider threat reduction and security mandates, as well as POTUS social media archival requirements throughout the White House Military Office (WHMO) IT enterprise for both the Senior Leader Communications, Enterprise IT, and Broadcast and Audio Visual Services portfolios.</p> <p>FY 2019 (\$94.610). WHCA's Presidential Service Strategy 2022 (PSS 2022) updates WHCA's Presidential Communications Vision 2020 (PCV 2020) to reflect capability achievements made in mobility, cybersecurity, retirement of legacy technologies, and other modernization efforts to improve the White House's ability to develop and implement national level policy on a day to day basis and during crisis using the NLCC infrastructure. Efforts include strategic enterprise level initiatives required by the White House Director of Information Technology (D/WHIT) for unified services enabled by converging network and service infrastructures and business practices. For FY18, some of WHCA's portfolios have changed to better represent service capabilities, improve mission alignment, and identify traceability of initiatives to new modernization efforts advanced in WHCA's Presidential Service Strategy. WHCA's PSS 2022 is the central theme of WHCA's Strategic Plan and approach for transformational modernization and innovation to ensure POTUS and VPOTUS can communicate anywhere, anytime, by any means with anyone in the world. PSS 2022 is WHCA's means to achieve targeted architectures comprised of mobile IP solutions enabling unified capabilities and seamless services for information sharing and communications including: Presidential Travel Services Modernization; Senior Leader Communications, Command and Control; Mobility; Cyber Resilience; Network Infrastructure Convergence; Next Generation Networking; High Definition Broadcast Services; and, enterprise collaboration capabilities for personnel supporting Presidential events. WHCA strategically manages IT capabilities within five service portfolios: Senior Leader Communications, Enterprise IT, Broadcast and Audio Visual, Transport, and Deployable Services. The PSS is organized around these service portfolios to align WHCA's strategy, vision, and future capabilities with planned initiatives to ensure future success.</p> <p>Broadcast and Audio Visual Services: (\$5.437) Will continue to evolve broadcast studio capabilities and strategies for unified communications, increased bandwidth, On-demand services, enhanced use of multi-media as a communications medium, and Broadcast capabilities. Will continue to implement Next Generation broadcast event production and support systems; continues to leverage smart tagging techniques for global access and search; modernize and automate the Master Control storage area network system (MC SAN) and Presidential Records Archiving and Accessibility to support Presidential post productions storage, reporting, and public dissemination and use. Provides multimedia services and production products to government, news, and other organizations for recording events, providing historical records, and custom broadcast products and services of the POTUS, VPOTUS, and other leaders as designated. Services and focus areas within this portfolio are Audio Visual System Support, Broadcast Production, Presidential Broadcast Archive, and Multi-Media Production. Will continue to embrace mobile commercial technologies for high definition audiovisual and high quality sound solutions. Modernization will continue to fulfil capability gaps in providing continuity of mission operations (COOP) and adopt emerging digital media technologies.</p> <p>Transport Services: (\$6.661) Will continue to leverage and acquire emerging network transport and SATCOM technologies to build out a MLS backbone supporting secure unified communications and high speed assured transport; and evaluates DoD/DISA and commercial SATCOM service solutions (e.g., FirstNet, Mobile User Objective system, Free Space Optics, 5G, and Iridium). Deploys the PTN as its primary Travel Transport Network supporting Senior Leader Communications, Broadcast and Audio Visual services, and extending PITC Enterprise IT services to customers. Adopts emerging network transport technologies to build out a Multiple Level Secure backbone enabling assured, high speed transport to its support global missions and continues to evaluate DoD/DISA transport service offerings and emerging commercial capabilities for Next Generation transport solutions.</p> <p>Senior Leader Communications: (\$29.039) Will continue to apply a multi phased data cloud solution, incorporating DISA Enterprise Services where possible, that supports the PITC and mobile users during Presidential events. Continues to evolve and consolidate WHCA's on-demand network backbone infrastructure and unify IP services; and next generation network services. Continue to provide storage,</p>		

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<p>virtualization, and collaborative tools to WHMO/WHCA. Continue to adopt DoD Senior National Leadership Command and Control Communications recommendations for assured communications that meet WHCA's Primary Alternate Contingency Emergency communications requirements including CONOPS, and COG. Provide reliable, secure, and modern Senior Leader Communication capabilities that enable timely, critically protected information to the POTUS, VPOTUS and their associated support and protection teams, regardless of location to effect national policy and participate in the NLCC infrastructure. Provide national level classified conferencing and continuity of support for the President whether in a permanent or temporary location, using ground transportation, or while aboard fixed-wing and rotary-wing aircraft. Will continue leveraging new commercial solutions for new or enhanced capabilities including PUMC that will link key vehicles in the Motorcade into a mobile Voice Video, and Visualization, Virtual Personal Assistant, post Zero Day recovery, and next generation networking. Provide replacement of motorcade communication vehicles that provide 24/7 C2C communications to the POTUS when not on White House grounds (UHF SATCOM), VHF line of Sight to the Limo, and transport infrastructure for classified mobile devices for Senior Level POTUS officials and the Military Aid. Establishment of a Mobile Ad-Hoc Network (MANET) providing lightweight and robust mobile networking capabilities that can be deployed as a temporary service for the POTUS and VPOTUS within any forward deployed environment. MANET will include the use of emerging government solutions including PUMA, PITC Trip Kit, and Presidential Transport Network, employing service bonding and persistence technologies riding SATCOM, Government or Commercial services.</p> <p>Enterprise IT (EIT): (\$44.761) Will continue to refine defense solutions, personnel, techniques, and best practices to defend, detect, and mitigate cyber-based threats throughout the PITC infrastructure via a PDSA "Zero Trust" that enable WHCA critical systems to defend against modern, large scale, remote attacks. Will continue to replace end of life encryption equipment and software for existing operations of all voice, video, data and transport systems. Will deliver reliable, secure, and modern digital services architecture and mobile information sharing environment that employs best-in-class security and innovative business applications. Will continue to upgrade WHCA's telecommunications infrastructure to support multiple WHMO/WHCA facilities to include Camp David. Supports the WHMO/WHCA's consolidation of infrastructure and communications capabilities that will provide unified operations and seamless SA, COP and C2 capabilities. Implements IT Service Delivery best practices to meet or exceed service levels agreements; and, postures the PITC network to enable WHCA customers to serve effectively by frequently introducing new digital capabilities and anticipating future data and bandwidth demands. Transitions to Cloud Services providing a single, consolidated network service infrastructure for all members of the PITC including: Long-term storage; phased migration and synchronization capability for infrastructure, accounts, and software; High availability and gault tolerance within the same site and across data centers; and, service resilience and disaster recovery.</p> <p>Deployable Services: (\$8.712) Will continue to evolve field smart, secure mobile, wireless devices and technologies to provide mobile users with next generation portable communication capabilities and platforms. Will continue to conduct technology and engineering assessments with the intent of integrating best of breed COTS products to support the implementation of on-demand service delivery options for all mobile and airborne platforms. Provide rapidly configurable travel systems and mobile vehicle capabilities for the White House, and others as directed. These capabilities mirror high end commercially available solutions that meet customers' requirements for security and high availability of services. Provide a modular system that manages the lifecycle of systems, equipment, and devices and tracks their deployment to mission locations and replenish equipment and service devices.</p> <p>Change from FY 2018 to FY 2019: The increase of +\$49.367 from FY 2018 to FY 2019 is attributable to a one-time increase (\$4.000) for Mobile At-Hoc network modernization efforts providing assured and secure communication services globally to the President and Vice President while traveling in the motorcade and a one-time increase (+\$4.220) for due to the replacement of motorcade communication vehicles that provide around the clock command and control communications to the POTUS when not on White House grounds, VHF line of Sight to the Limo, and transport infrastructure for classified mobile devices for Senior Level POTUS officials and the Military Aid within the Senior Leader Communications portfolio; one-time increase (+\$7.983) for outside plant cabling and supporting infrastructure modernization efforts at Camp David, providing future expansion capabilities and proper user accessibility and support by installing the latest supportable cable/conduit infrastructure between facilities within the Enterprise IT portfolio; and, one-time increase (+\$38.000) the PITC transition to cloud services providing network infrastructure upgrades, increased security, reliability, and adaptabilities to support growing mission requirements and consolidation of PITC services within both the Senior Leader Communication and Enterprise IT Portfolios. Increases are offset by a decrease of -\$4.836 due to completing communication infrastructure installation requirements at POTUS second residences.</p> <p>Performance Metrics:</p> <p>Broadcast and Audio Visual Services Portfolio goal (FY 2017 and FY 2018): Improve the President's and Senior Staff's access to and storage of high-quality multimedia broadcast information for both incoming and outgoing communication needs. Enables COOP to maintain essential Broadcast functions and next generation Broadcast services including High Definition Services for Streaming and Virtualization.</p> <ul style="list-style-type: none"> <li>• Broadcast studio construction progress (Met);</li> <li>• Customer satisfaction for new studio services;</li> <li>• Broadcast services delivered;</li> </ul>		

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<ul style="list-style-type: none"> <li>• Broadcast service quality;</li> <li>• Broadcast COOP functions and capacity;</li> <li>• POTUS and Senior Staff's access to high-quality multimedia broadcast information</li> </ul> <p>Broadcast and Audio Visual (BAV) Services Portfolio goal (FY 2019): Provide broadcast quality video documentation and live streaming of all official activities of the POTUS for National Archives at a 99.99% success rate.</p> <ul style="list-style-type: none"> <li>• Master Control COOP - Optimize Master Control COOP and storage capabilities FY19 Target: 99.99%</li> <li>• Encoding, Streaming, Virtual Reality - Continue to expand Streaming TV and other broadcast services to rapidly expanding national and global, commercial and public markets FY19 Target: 99.99%</li> <li>• Multi-media (MM) Center Services - MM Services provide full on-demand access to POTUS and Senior Staff to high-quality multimedia broadcast information with a 99.99% success rate FY19 Target: 99.99% begin to evolve MM products and live streaming to 4K High Definition.</li> <li>• Broadcast Travel Equipment (included in PDS /Mobile Event Equipment) FY19 Target: 99.99% BAV Travel Equipment logistics for POTUS, VPOTUS, and FLOTUS WH/Travel Events Schedule (PTN sustainment and event use).</li> </ul> <p>Systems of Systems Portfolio goal (2017): Deploy integrated, mobile systems and platforms that provide communications and information service capabilities in multiple environments (moved to Deployable Services).</p> <ul style="list-style-type: none"> <li>• MCV design completion (Met);</li> <li>• MCV fielding progress (moved to Deployable Services);</li> <li>• MCV wireless access point capability deployment progress (moved to Deployable Services);</li> <li>• Fixed/rotary wing platforms technology insertion progress (moved to Deployable Services);</li> <li>• Customer satisfaction (Moved to Deployable Services).</li> </ul> <p>Deployable Services Portfolio goal (FY 2017 and FY 2018): Deploy integrated, mobile systems and platforms that provide communications and information service capabilities in multiple environments (System of System portfolio is moved here to Deployable Services portfolio).</p> <ul style="list-style-type: none"> <li>• Classified smart phone limousine integration progress;</li> <li>• MCV design completion (Met);</li> <li>• MCV fielding progress;</li> <li>• MCV wireless access point capability deployment progress;</li> <li>• Fixed/rotary wing platforms technology insertion progress;</li> <li>• Customer satisfaction.</li> </ul> <p>Deployable Services Portfolio goal (FY 2019): Deploy integrated, mobile systems and platforms that provide mobile communications and information service capabilities in multiple environments.</p> <ul style="list-style-type: none"> <li>• Deployed Trip site Services FY19 Target: 99.99% of scheduled delivery (NextGen MCV Fleet, sustainment)</li> <li>• Second Residence Communication (3 second residences: New York, New Jersey, and Florida)</li> </ul>		

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<b>Line Item MDAP/MAIS Code:</b> N/A		
<p>FY19 Target: 99.99% install/operationalize comms &amp; protection infrastr sustainment</p> <ul style="list-style-type: none"> <li>• Personnel Movements FY19 Target: 99.99% POTUS, VPOTUS, and FLOTUS WH and Travel Events Schedule</li> <li>• Mobile Event Equipment (includes BAV travel equipment) FY19 Target: 99.99% Mobile Event Equipment logistics for POTUS, VPOTUS, and FLOTUS WH/Travel Events Schedule (PTN sustainment and event use)</li> </ul> <p>Systems Assurance Portfolio goal (2017): Ensure the integrity, availability, and security of WHCA's networked systems (moved to Enterprise IT Services portfolio).</p> <ul style="list-style-type: none"> <li>• Crypto modernization progress (Met);</li> <li>• WHMO/WHCA information sharing and collaboration progress (Met);</li> <li>• Physical and cyber infrastructure analysis and diagnosis capability development progress (moved to Enterprise IT Services).</li> </ul> <p>Network and Data Portfolio goal (2017): Transition from legacy communications standards to high-bandwidth technologies and protocols that provide accredited, fault-tolerant, secure and non-secure network, and data services (moved to Senior Leader Communications).</p> <ul style="list-style-type: none"> <li>• BCN availability, reliability, and capacity (Moved to Transport Services);</li> <li>• CMS fielding project cost and schedule (Met);</li> <li>• Datacenter migration progress;</li> <li>• West Wing modernization progress;</li> <li>• Customer satisfaction during migration (moved to Senior Leader Communication Services);</li> <li>• Wi-Fi location-specific availability and capacity (moved to Senior Leader Communication Services);</li> <li>• Customer satisfaction with Wi-Fi services (moved to Senior Leader Communication Services).</li> </ul> <p>Facilities and Infrastructure Portfolio goal (FY 2017): Meet WHMO/WHCA facilities and infrastructure requirements for Continuity of Operations and Continuity of Government as well as evolving needs for efficiency, affordability, and future growth (moved to Enterprise IT Services).</p> <p>Enterprise IT Services Portfolio goal (FY 2018): Ensure the integrity, availability, and security of WHCA's networked systems (consolidates Systems Assurance and the Network and Data portfolios).</p> <ul style="list-style-type: none"> <li>• Availability of network services;</li> <li>• Response time of network services;</li> <li>• Cyber Resilience progress;</li> <li>• Data/Packet Loss</li> <li>• Datacenter migration progress;</li> <li>• Physical and cyber infrastructure analysis and diagnosis capability development progress;</li> <li>• WHMO/WHCA information sharing and collaboration progress (Met);</li> <li>• Customer satisfaction.</li> </ul> <p>Enterprise IT Services Portfolio goal (FY 2019): Electronically monitor for outages to ensure 99.99% reliable secure PITC unclassified telecommunications and information services.</p> <ul style="list-style-type: none"> <li>•Presidential Digital Services Assurance: Integrated Operations Center; Cyber Resilience FY19 Target: 99.99% optimization of WHCA and EoP Call Centers (training, equipment, procedures, tools)</li> <li>•IT Infrastructure Sustainment</li> </ul>		

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2019 Defense Information Systems Agency		<b>Date:</b> February 2018
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 01: Major Equipment / BSA 5: Major Equipment, DISA		<b>P-1 Line Item Number / Title:</b> 90 / White House Communication Agency
<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> 0303134K	<b>Other Related Program Elements:</b> N/A
<b>Line Item MDAP/MAIS Code:</b> N/A		
<p>FY19 Target: 99.99% recapitalize the Greenfield data center</p> <p>Senior Leader Communication Services Portfolio goal (FY 2017 and FY 2018): Transition from legacy communications standards to high-bandwidth technologies and protocols that provide accredited, fault-tolerant, secure and non-secure network, and data services (SLC Portfolio consolidates the Network and Data portfolio).</p> <ul style="list-style-type: none"> <li>•SLC services delivered;</li> <li>•SLC service quality;</li> <li>•Customer satisfaction during migration;</li> <li>•Wi-Fi location-specific availability and capacity;</li> <li>•West Wing modernization progress;</li> <li>•Customer satisfaction with Wi-Fi services.</li> </ul> <p>Senior Leader Communication Services Portfolio goal (FY 2019): Provide POTUS/VPOTUS/FLOTUS C2C voice (Classified and Unclassified) conferencing capabilities for Senior Leader Conferencing, Command and Control Voice and Video, Head of State Communications, and DoD Records Messaging with a minimum 99.99% response rate.</p> <ul style="list-style-type: none"> <li>• Classified Mobility. Senior Leader/NLCC comms; Classified Mobility;</li> </ul> <p>FY19 Target: 99.99% PUMA integrated into the limousine fleet; perform Mobile Ad-hoc Network (MANET) installations</p> <ul style="list-style-type: none"> <li>• Presidential Unified Motorcade Communications (PUMC, Motorcade As A Network (MCAAN))</li> </ul> <p>FY19 Target: 99.99% MCAAN integrated into the NextGen MCV fleet and operational Washington Area System (WAS) Upgrade.</p> <ul style="list-style-type: none"> <li>• IP Technology refresh of the WAS; and customer migration to the new MUOS waveform</li> </ul> <p>FY19 Target: 99.99% Land Mobile Radio (LMR) evolution (e.g., continue procurements for robustness, redundancy, and resilience)</p> <ul style="list-style-type: none"> <li>• Head of State (HOS) Modernization. Head of State secure voice communications, Portable Infrastructure Trip Kit (PITK) Tempest Upgrade</li> </ul> <p>FY19 Target: 99.99% sustainment of PITK equipment</p> <ul style="list-style-type: none"> <li>• LAV Transfer/Sustainment from WHMO.</li> </ul> <p>FY19 Target: 99.99% recapitalize the older fleet vehicles</p> <p>Transport Services Portfolio goal (FY 2017 and FY 2018): provides long haul connectivity and global access to network services for WHCA organizations and with distributed mission partners and encompasses a mix of government-owned and commercially-leased services.</p> <ul style="list-style-type: none"> <li>•PTN (formerly BCN) availability, reliability, and capacity;</li> <li>•Network Congestion</li> <li>•Data/Packet Loss</li> </ul> <p>Transport Services Portfolio goal (FY 2019):</p> <ul style="list-style-type: none"> <li>•WHCA Wideband Global SATCOM (WGS). WHCA-120 fleet has reached its end of life and are being replaced with .95M Tampa Microwave and 1.2M L3 Hawkeye lites.</li> </ul> <p>FY19 Target: 99.99%: sustain WGS equipment</p> <ul style="list-style-type: none"> <li>•PAGCN</li> </ul> <p>FY19 Target: 99.99%</p>		

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2019 Defense Information Systems Agency		<b>Date:</b> February 2018
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D: Procurement, Defense-Wide / BA 01: Major Equipment / BSA 5: Major Equipment, DISA		<b>P-1 Line Item Number / Title:</b> 90 / White House Communication Agency
<b>ID Code</b> (A=Service Ready, B=Not Service Ready):	<b>Program Elements for Code B Items:</b> 0303134K	<b>Other Related Program Elements:</b> N/A
<b>Line Item MDAP/MAIS Code:</b> N/A		

- Network Satellite infrastructure  
FY19 Target: 99.99%
  
- MUOS Code Division Multiple Access (WCDMA)  
FY19 Target: 99.99% continue build-out of MUOS functions and features as they become available

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**Exhibit P-5, Cost Analysis: PB 2019 Defense Information Systems Agency** **Date:** February 2018

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 01 / 5	<b>P-1 Line Item Number / Title:</b> 90 / White House Communication Agency	<b>Item Number / Title [DODIC]:</b> - / Hardware, Install, Sparing, PMSI
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) :	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	131.642	35.977	45.243	94.610	-	94.610
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	131.642	35.977	45.243	94.610	-	94.610
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>131.642</b>	<b>35.977</b>	<b>45.243</b>	<b>94.610</b>	<b>-</b>	<b>94.610</b>

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

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Millions)	-	-	-	-	-	-

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

Cost Elements	Prior Years			FY 2017			FY 2018			FY 2019 Base			FY 2019 OCO			FY 2019 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)
Hardware - Hardware, Install, Sparing, PMSI Cost																		
Recurring Cost																		
Broadcast <sup>(†)</sup>	2.820	2	5.640	2.842	1	2.842	5.330	1	5.330	5.437	1	5.437	-	-	-	5.437	1	5.437
Facilities and Infrastructure <sup>(†)</sup>	13.854	2	27.708	1.979	1	1.979	-	-	-	-	-	-	-	-	-	-	-	-
Network and Data <sup>(†)</sup>	23.772	2	47.544	7.976	1	7.976	-	-	-	-	-	-	-	-	-	-	-	-
Systems Assurance <sup>(†)</sup>	2.194	2	4.388	2.235	1	2.235	-	-	-	-	-	-	-	-	-	-	-	-
System of Systems <sup>(†)</sup>	7.610	2	15.219	6.185	1	6.185	-	-	-	-	-	-	-	-	-	-	-	-
Transport <sup>(†)</sup>	6.414	2	12.828	6.465	1	6.465	6.530	1	6.530	6.661	1	6.661	-	-	-	6.661	1	6.661
Voice and Video Teleconferencing <sup>(†)</sup>	7.010	2	14.019	7.000	1	7.000	-	-	-	-	-	-	-	-	-	-	-	-
Defense National Leadership Command Capabilities (DNLCC) <sup>(†)</sup>	2.148	2	4.296	1.295	1	1.295	-	-	-	-	-	-	-	-	-	-	-	-
Senior Leader Comms <sup>(†)</sup>	-	-	-	-	-	-	13.345	1	13.345	29.039	1	29.039	-	-	-	29.039	1	29.039
Enterprise IT <sup>(†)</sup>	-	-	-	-	-	-	11.497	1	11.497	44.761	1	44.761	-	-	-	44.761	1	44.761
Deployable Services <sup>(†)</sup>	-	-	-	-	-	-	8.541	1	8.541	8.712	1	8.712	-	-	-	8.712	1	8.712
<b>Subtotal: Recurring Cost</b>	<b>-</b>	<b>-</b>	<b>131.642</b>	<b>-</b>	<b>-</b>	<b>35.977</b>	<b>-</b>	<b>-</b>	<b>45.243</b>	<b>-</b>	<b>-</b>	<b>94.610</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>94.610</b>

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<b>Exhibit P-5, Cost Analysis:</b> PB 2019 Defense Information Systems Agency												<b>Date:</b> February 2018					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 01 / 5						<b>P-1 Line Item Number / Title:</b> 90 / White House Communication Agency						<b>Item Number / Title [DODIC]:</b> - / Hardware, Install, Sparing, PMSI					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) :												<b>MDAP/MAIS Code:</b>					

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

Cost Elements	Prior Years			FY 2017			FY 2018			FY 2019 Base			FY 2019 OCO			FY 2019 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)
<i>Subtotal: Hardware - Hardware, Install, Sparing, PMSI Cost</i>	-	-	131.642	-	-	35.977	-	-	45.243	-	-	94.610	-	-	-	-	-	94.610
<b>Gross/Weapon System Cost</b>	-	-	131.642	-	-	35.977	-	-	45.243	-	-	94.610	-	-	-	-	-	94.610

(t) indicates the presence of a P-5a

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**Exhibit P-5a, Procurement History and Planning:** PB 2019 Defense Information Systems Agency **Date:** February 2018

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 0300D / 01 / 5	<b>P-1 Line Item Number / Title:</b> 90 / White House Communication Agency	<b>Item Number / Title [DODIC]:</b> - / Hardware, Install, Sparing, PMSI
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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>(\$ M)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
Broadcast		2017	Various / 18 Acres	C / FFP	WHCA	Dec 2016	Mar 2017	1	2.842			
Broadcast		2018	Various / 18 Acres	C / FFP	WHCA	Dec 2017	Mar 2018	1	5.330			
Broadcast		2019	Various / 18 Acres	C / FFP	WHCA	Dec 2018	Mar 2019	1	5.437	N		
Facilities and Infrastructure		2017	Various / 18 Acres	C / FFP	WHCA	Nov 2016	Feb 2017	1	1.979			
Network and Data		2017	Various / 18 Acres	C / FFP	WHCA	Mar 2017	Jun 2017	1	7.976			
Systems Assurance		2017	Various / 18 Acres	C / FFP	WHCA	Nov 2016	Feb 2017	1	2.235			
System of Systems		2017	Various / 18 Acres	C / FFP	WHCA	Nov 2016	Feb 2017	1	6.185			
Transport		2017	Various / 18 Acres	C / FFP	WHCA	Nov 2016	Feb 2017	1	6.465			
Transport		2018	Various / 18 Acres	MIPR	WHCA	Nov 2017	Feb 2018	1	6.530			
Transport		2019	Various / 18 Acres	MIPR	WHCA	Nov 2018	Feb 2019	1	6.661	N		
Voice and Video Teleconferencing		2017	Various / 18 Acres	C / FFP	WHCA	Mar 2017	Jun 2017	1	7.000			
Defense National Leadership Command Capabilities (DNLCC)		2017	Various / 18 Acres	C / FFP	WHCA	Jun 2017	Sep 2017	1	1.295			
Senior Leader Comms		2018	Various / 18 Acres	C / FFP	WHCA	Nov 2017	Feb 2018	1	13.345			
Senior Leader Comms		2019	Various / 18 Acres	C / FFP	WHCA	Nov 2018	Feb 2019	1	29.039	N		
Enterprise IT		2018	Various / 18 Acres	C / FFP	WHCA	Nov 2017	Feb 2018	1	11.497			
Enterprise IT		2019	Various / 18 Acres	C / FFP	WHCA	Nov 2018	Feb 2019	1	44.761	N		
Deployable Services		2018	Various / 18 Acres	C / FFP	WHCA	Nov 2017	Feb 2018	1	8.541			
Deployable Services		2019	Various / 18 Acres	C / FFP	WHCA	Nov 2018	Feb 2019	1	8.712	N		