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| Exhibit R-2, RDT&E Budget Item Justification: PB 2013 Air Force | | | | | | | | | DATE: February 2012 | | |
|---|---------|---------|--------------|---|---------------|---------|---------|---------|---------------------|------------------|------------|
| APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 5: Development & Demonstration (SDD) | | | | R-1 ITEM NOMENCLATURE PE 0401845F: SLC3S-A (Senior Leader C3S) | | | | | | | |
| COST (\$ in Millions) | FY 2011 | FY 2012 | FY 2013 Base | FY 2013 OCO | FY 2013 Total | FY 2014 | FY 2015 | FY 2016 | FY 2017 | Cost To Complete | Total Cost |
| Total Program Element | 7.786 | - | 1.960 | - | 1.960 | - | - | - | - | Continuing | Continuing |
| 655273: SLC3S-A Communications Program | 7.786 | - | 1.960 | - | 1.960 | - | - | - | - | Continuing | Continuing |
| Quantity of RDT&E Articles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |

Note

In FY2012, the SLC3S-A Communications Program was terminated.

A. Mission Description and Budget Item Justification

The Air Force Senior Leader Command, Control, and Communications System - Airborne (SLC3S-A) provides executive airborne communications supporting world-wide command and control capabilities to US government Senior Leaders (i.e., the President of the United States (POTUS); Vice President of the United States (VPOTUS); Secretary of Defense (SECDEF); Secretary of State (SECSTATE); Chairman, Joint Chiefs of Staff (CJCS); Unified Combatant Commanders (COCOMs); and their staffs as well as other government senior leaders). The SLC3S-A capabilities include secure and non-secure voice, data, and video connectivity into Defense Information System Network/Global Information Grid, Defense Switched Network, Defense Red Switch Network, Voice Over Secure Internet Protocol Networks, National Security Council's Crisis Management System, and commercial networks up to the Top Secret/Sensitive Compartmented Information security classification level. These capabilities are used daily by the Senior Leaders to carry out their duties and responsibilities. Currently, each Air Force Operational Support Aircraft and Very Important Person Special Airlift Mission (OSA/VIPSAM) aircraft is configured with its own unique communications suite. National Senior Leaders require 100% secure voice, data, and video capability for all activities from general planning and strategy discussions to directing command decisions. The security, reliability, and availability of the AF SLC3S-A services determine America's victories or setbacks on the battlefield. The SLC3S-A Program will standardize the back-end communications architecture, off-board transmission systems, ground support networks, and Roll-on/Roll-off assets. The C-37 Communications Package (CCP) will standardize the airborne local area network, add additional commercial SATCOM capability and increase the Mean Zero Fuel Weight (MZFW) across the fleet of C-37s. CCP activities also include studies and analysis to support execution of these modifications. The CCP program is pre-MDD. The SLC3S-A Transmission System (STS) Program will address the connectivity infrastructure between AF SLC3S-A aircraft internal communications/information system (e.g., C-37 Communications Package) and Executive Airlift Communications Network (EACN) Air-to-Ground Gateway (A2G2). This effort will provide highly reliable, redundant, wideband communications paths off OSA/VIPSAM aircraft and may include an implementation of wideband MILSATCOM and commercial SATCOM capabilities, modification of the ground infrastructure and development of a Black-side Network Operations Center. Activities also include studies and analysis to support both current program planning and execution and future program planning. The STS program is pre-MDD. The CCP program is in budget activity 5, System Development and Demonstration (SDD) with a planned entry at Milestone B.

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| APPROPRIATION/BUDGET ACTIVITY | | R-1 ITEM NOMENCLATURE | | | | |
| 3600: Research, Development, Test & Evaluation, Air Force BA 5: Development & Demonstration (SDD) | | PE 0401845F: SLC3S-A (Senior Leader C3S) | | | | |
| B. Program Change Summary (\$ in Millions) | FY 2011 | FY 2012 | FY 2013 Base | FY 2013 OCO | FY 2013 Total | |
| Previous President's Budget | 15.826 | 12.535 | 1.991 | - | 1.991 | |
| Current President's Budget | 7.786 | - | 1.960 | - | 1.960 | |
| Total Adjustments | -8.040 | -12.535 | -0.031 | - | -0.031 | |
| • Congressional General Reductions | - | - | | | | |
| • Congressional Directed Reductions | - | -12.535 | | | | |
| • Congressional Rescissions | - | - | | | | |
| • Congressional Adds | - | - | | | | |
| • Congressional Directed Transfers | - | - | | | | |
| • Reprogrammings | - | - | | | | |
| • SBIR/STTR Transfer | - | - | | | | |
| • Other Adjustments | -8.040 | - | -0.031 | - | -0.031 | |
| Change Summary Explanation | | | | | | |
| FY11 Congressional General Reduction of 8.040M in Other Adjustment row. | | | | | | |
| FY12 Congressional Directed Reduction of 12.535M from FY12 Defense Appropriation Act. Reason: RDT&E funding decreased to meet congressional action to terminate SLC3S Communications Program (SCP). | | | | | | |
| FY13 funding decrease is due to higher Department of Defense priorities. | | | | | | |
| C. Accomplishments/Planned Programs (\$ in Millions) | | | | FY 2011 | FY 2012 | FY 2013 |
| Title: SLC3S-A Communications Program (SCP) | | | | 7.786 | - | 1.960 |
| Description: Develop and standardize command, control and communications (C3) systems for senior leader aircraft. | | | | | | |
| FY 2011 Accomplishments: Continue the development, testing, certification data item development and training of the SCP for Aircraft Variant 1 (C-37) and Aircraft Variant 2 (C-20, C-32, and C-40). Residual funding will be used to cover program office actions necessary to cover government responsibilities for contract closure with the primary developer during program termination. | | | | | | |
| FY 2013 Plans: Funds will be utilized to cover program office actions necessary to cover government responsibilities for contract closure with the primary developer during program termination. | | | | | | |
| Accomplishments/Planned Programs Subtotals | | | | 7.786 | - | 1.960 |

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D. Other Program Funding Summary (\$ in Millions)

| <u>Line Item</u> | <u>FY 2011</u> | <u>FY 2012</u> | <u>FY 2013</u> <u>Base</u> | <u>FY 2013</u> <u>OCO</u> | <u>FY 2013</u> <u>Total</u> | <u>FY 2014</u> | <u>FY 2015</u> | <u>FY 2016</u> | <u>FY 2017</u> | <u>Cost To</u> <u>Complete</u> | <u>Total Cost</u> |
|---|----------------|----------------|-------------------------------|------------------------------|--------------------------------|----------------|----------------|----------------|----------------|-----------------------------------|-------------------|
| • APAF Mods, PE 0401845F, SLC3S-A: <i>SLC3S-A Aircraft</i> <i>Procurement</i> | 0.194 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.194 |
| • APAF Spares, PE 0401845F, SLC3S-....: <i>SLC3S-A Aircraft</i> <i>Procurement Initial Spares &</i> <i>Repairs</i> | 0.000 | 1.597 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 1.597 |

E. Acquisition Strategy

Competitive award of an Indefinite Delivery/Indefinite Quantity (ID/IQ) contract vehicle to a single source. Emphasize off-the-shelf technology and maximize use of non-developmental items (NDIs).

F. Performance Metrics

Please refer to the Performance Base Budget Overview Book for information on how Air Force resources are applied and how those resources are contributing to Air Force performance goals and most importantly, how they contribute to our mission.

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| Exhibit R-4, RDT&E Schedule Profile: PB 2013 Air Force | | DATE: February 2012 |
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| Exhibit R-4A, RDT&E Schedule Details: PB 2013 Air Force | | DATE: February 2012 |
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Schedule Details

| Events | Start | | End | |
|--------------------|---------|------|---------|------|
| | Quarter | Year | Quarter | Year |
| Contract close-out | 1 | 2012 | 4 | 2013 |