

UNCLASSIFIED

| Exhibit R-2, RDT&E Budget Item Justification: PB 2019 Air Force | | | | | | | | | | Date: February 2018 | | |
|---|-------------|---------|---------|--------------|---|---------------|---------|---------|---------|---------------------|------------------|------------|
| Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 6: RDT&E Management Support | | | | | R-1 Program Element (Number/Name) PE 1206398F I Space & Missile Systems Center - MHA | | | | | | | |
| COST (\$ in Millions) | Prior Years | FY 2017 | FY 2018 | FY 2019 Base | FY 2019 OCO | FY 2019 Total | FY 2020 | FY 2021 | FY 2022 | FY 2023 | Cost To Complete | Total Cost |
| Total Program Element | - | 0.000 | 9.531 | 10.508 | 0.000 | 10.508 | 9.772 | 10.016 | 10.266 | 10.481 | Continuing | Continuing |
| 664280: SMC Civilian Pay | - | 0.000 | 9.531 | 10.508 | 0.000 | 10.508 | 9.772 | 10.016 | 10.266 | 10.481 | Continuing | Continuing |
| Quantity of RDT&E Articles | - | - | - | - | - | - | - | - | - | - | | |

A. Mission Description and Budget Item Justification

The Space and Missile Systems Center (SMC) equips US and allied forces with operational space and missile systems, launch systems, and command and control infrastructure in support of global military and national security operations. SMC operates with over 6,300 people and an annual budget exceeding \$6.4B providing joint warfighters navigation, communication, weather, warning, force application, and space control capabilities. In FY2012, as an AF pilot initiative, SMC acquisition workforce civilian personnel funding was transferred from O&M to RDT&E, AF funds.

Program Element 1206398F, BPAC: 664281 Space and Missile Systems Center - Major Headquarters Activities (MHA) was established to improve overall performance, strengthen business operations, and achieve efficiencies, effectiveness and cost savings that can be transferred to higher priority needs.

The current and future space domain demands that space systems be responsive to new and changing threats, and can rapidly integrate new capabilities to make our warfighting force more resilient in a contested battlespace. This agility, survivability, and rapid reconstitution must extend through the entire space warfighting enterprise, to include how we learn about the threat; develop solutions; acquire, test, deploy, train, operate and integrate new systems into the greater system of systems; and ensure our space mission force is ready to defeat a thinking adversary in a complex, multi-domain battlespace. The enterprise will use all of its elements to accelerate decision-making, prototype potential solutions, rapidly integrate decision-making tools and sustain a war-winning capability by delivering multi-domain effects in, from, and through space and cyberspace enabling battle management and resilience options to "fight through."

This Program is in Budget Activity 6, RDT&E Management Support because this budget activity includes research, development, test and evaluation efforts and funds to sustain and/or modernize the installations or operations required for general research, development, test and evaluation.

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| B. Program Change Summary (\$ in Millions) | FY 2017 | FY 2018 | FY 2019 Base | FY 2019 OCO | FY 2019 Total | |
| Previous President's Budget | 0.000 | 9.531 | 9.702 | 0.000 | 9.702 | |
| Current President's Budget | 0.000 | 9.531 | 10.508 | 0.000 | 10.508 | |
| Total Adjustments | 0.000 | 0.000 | 0.806 | 0.000 | 0.806 | |
| • Congressional General Reductions | 0.000 | 0.000 | | | | |
| • Congressional Directed Reductions | 0.000 | 0.000 | | | | |
| • Congressional Rescissions | 0.000 | 0.000 | | | | |
| • Congressional Adds | 0.000 | 0.000 | | | | |
| • Congressional Directed Transfers | 0.000 | 0.000 | | | | |
| • Reprogrammings | 0.000 | 0.000 | | | | |
| • SBIR/STTR Transfer | 0.000 | 0.000 | | | | |
| • Other Adjustments | 0.000 | 0.000 | 0.806 | 0.000 | 0.806 | |
| Change Summary Explanation FY2019: \$0.924M for Air Force RDT&E re-price, -\$0.118M for Civ Pay Assumptions. | | | | | | |
| C. Accomplishments/Planned Programs (\$ in Millions) | | | | FY 2017 | FY 2018 | FY 2019 |
| Title: SMC - Major Headquarters Activities | | | | - | 9.531 | 10.508 |
| Description: Provide professional government civilian acquisition workforce in support of all Space and Missile Systems Center Management Headquarters Activities. Rapidly respond to implement system resiliency and situational awareness necessary to operate in the contested space domain. Activities may include, but are not limited to SMC Staff support, studies, technical analysis, prototyping, etc. | | | | | | |
| FY 2018 Plans: Provide professional government civilian acquisition workforce in support of all Space and Missile Systems Center Management Headquarters Activities. | | | | | | |
| FY 2019 Plans: Provide professional government civilian acquisition workforce in support of all Space and Missile Systems Center Management Headquarters Activities. | | | | | | |
| FY 2018 to FY 2019 Increase/Decrease Statement: FY 2019 increased compared to FY 2018 by \$0.977M due to Cost of an Airman inflation adjustment. | | | | | | |
| Accomplishments/Planned Programs Subtotals | | | | - | 9.531 | 10.508 |

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| D. Other Program Funding Summary (\$ in Millions) N/A | | |
| Remarks | | |
| E. Acquisition Strategy N/A | | |
| 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. | | |