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Exhibit R-2, RDT&E Budget Item Justification: PB 2023 Office of the Secretary Of Defense **Date:** April 2022

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| Appropriation/Budget Activity 0400: <i>Research, Development, Test & Evaluation, Defense-Wide I BA 7: Operational Systems Development</i> | R-1 Program Element (Number/Name) PE 0305186D8Z I <i>Policy R&D Programs</i> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|

| COST (\$ in Millions) | Prior Years | FY 2021 | FY 2022 | FY 2023 Base | FY 2023 OCO | FY 2023 Total | FY 2024 | FY 2025 | FY 2026 | FY 2027 | Cost To Complete | Total Cost |
|-------------------------------------|-------------|---------|---------|--------------|-------------|---------------|---------|---------|---------|---------|------------------|------------|
| Total Program Element | 48.514 | 6.322 | 4.591 | 6.214 | - | 6.214 | 6.228 | 6.227 | 6.228 | 6.228 | - | - |
| 186: <i>Policy R&D Programs</i> | 48.514 | 6.322 | 4.591 | 6.214 | - | 6.214 | 6.228 | 6.227 | 6.228 | 6.228 | - | - |

Note

New Start (Y/N): No

A. Mission Description and Budget Item Justification

This program supports the Department's initiatives to Defend the Homeland, and Deter Aggression.

The Policy R&D Program supports the National Defense Strategy by providing analysis to overcome military security challenges. Since the global environment is dynamic, research is necessary for continued understanding of military structures, foreign cultures, and ethnic issues. Examines demographic data, investigates future global security challenges, provides insights to inform critical national security decisions, explores ways to build partnership capabilities to counter organizational warfare, develop foreign military infrastructure, and deny sanctuary to extremist groups. Program blends several disciplines including surveillance, operations, policy, information management, cyber policy, training and technology.

B. Program Change Summary (\$ in Millions)

| | <u>FY 2021</u> | <u>FY 2022</u> | <u>FY 2023 Base</u> | <u>FY 2023 OCO</u> | <u>FY 2023 Total</u> |
|-------------------------------------|----------------|----------------|---------------------|--------------------|----------------------|
| Previous President's Budget | 6.291 | 4.843 | 0.000 | - | 0.000 |
| Current President's Budget | 6.322 | 4.591 | 6.214 | - | 6.214 |
| Total Adjustments | 0.031 | -0.252 | 6.214 | - | 6.214 |
| • Congressional General Reductions | - | - | | | |
| • Congressional Directed Reductions | - | - | | | |
| • Congressional Rescissions | - | - | | | |
| • Congressional Adds | - | - | | | |
| • Congressional Directed Transfers | - | - | | | |
| • Reprogrammings | - | - | | | |
| • SBIR/STTR Transfer | -0.068 | - | | | |
| • Adjustment to Budget Year | 0.099 | -0.252 | 6.214 | - | 6.214 |

Change Summary Explanation

FY 2023 funding increase reflects the fact that the FY 2022 President's Budget request did not include out-year funding.

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Exhibit R-2A, RDT&E Project Justification: PB 2023 Office of the Secretary Of Defense **Date:** April 2022

| Appropriation/Budget Activity 0400 / 7 | | | | | R-1 Program Element (Number/Name) PE 0305186D8Z / Policy R&D Programs | | | | Project (Number/Name) 186 / Policy R&D Programs | | | |
|-------------------------------------------|-------------|---------|---------|--------------|--------------------------------------------------------------------------|---------------|---------|---------|----------------------------------------------------|---------|------------------|------------|
| COST (\$ in Millions) | Prior Years | FY 2021 | FY 2022 | FY 2023 Base | FY 2023 OCO | FY 2023 Total | FY 2024 | FY 2025 | FY 2026 | FY 2027 | Cost To Complete | Total Cost |
| 186: Policy R&D Programs | 48.514 | 6.322 | 4.591 | 6.214 | - | 6.214 | 6.228 | 6.227 | 6.228 | 6.228 | - | - |
| Quantity of RDT&E Articles | - | - | - | - | - | - | - | - | - | - | | |

A. Mission Description and Budget Item Justification

Provide analysis to overcome military security challenges. Since the global environment is dynamic, research is necessary for continued understanding of military structures, foreign cultures, and ethnic issues. Examines demographic data, investigates future global security challenges, provides insights to inform critical national security decisions, explores ways to build partnership capabilities to counter organizational warfare, develop foreign military infrastructure, and deny sanctuary to extremist groups. Program blends several disciplines including surveillance, operations, policy, information management, cyber policy, training and technology.

B. Accomplishments/Planned Programs (\$ in Millions)

| | FY 2021 | FY 2022 | FY 2023 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|---------|
| Title: Future Security Challenges | 2.031 | 1.583 | 2.514 |
| <p>Description: Provides program management oversight and technical support to identify current and emerging future security challenges to the Department, and for international cooperation activities with Allies and international partners to confront these challenges. Anticipates exploitation of technology, including available and advanced capabilities, and work with the international commercial sector and academia concerning adversary’s application of technology. Program explores processes and policy to integrate international capabilities across the spectrum of security challenges.</p> <p>FY 2022 Plans: Perform ongoing trend analysis and develop mitigation options for addressing program risks with increased emphasis on the INDO-PACOM AOR.</p> <ul style="list-style-type: none"> • Develop opportunities to apply risk management methodologies to identified program areas. • Working with our international partners, develop net-centric enterprise technologies to remove international sharing barriers identified with maritime information, intelligence, and data being collected by DoD and foreign governments. • Research military competition among nations in the Far and Middle East and highlight potential capabilities and policies each nation may utilize in future armed conflicts. • Continue to enhance strategies and relationships with European nations based on the exchange of information through education opportunities and existing policies. • Research and analyze particular Far (China) and Middle East countries as it relates to their decision-making process, financial position, leadership, political dynamics, technical abilities and internal social tensions and stability. • Continue research efforts within the Services and Combatant Commands to better analyze and demonstrate enduring counterinsurgency operational capabilities. <p>FY 2023 Plans:</p> | | | |

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| Appropriation/Budget Activity 0400 / 7 | R-1 Program Element (Number/Name) PE 0305186D8Z / Policy R&D Programs | Project (Number/Name) 186 / Policy R&D Programs |
|--------------------------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------------------|

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|-------------------------------------------------------------|----------------|----------------|----------------|
| B. Accomplishments/Planned Programs (\$ in Millions) | FY 2021 | FY 2022 | FY 2023 |
|-------------------------------------------------------------|----------------|----------------|----------------|

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| <p>Continue efforts to include: Perform ongoing trend analysis and develop mitigation options for addressing program risks with increased emphasis on the INDO-PACOM AOR.</p> <ul style="list-style-type: none"> • Develop opportunities to apply risk management methodologies to identified program areas. • Working with our international partners, develop net-centric enterprise technologies to remove international sharing barriers identified with maritime information, intelligence, and data being collected by DoD and foreign governments. • Research military competition among nations in the Far and Middle East and highlight potential capabilities and policies each nation may utilize in future armed conflicts. • Continue to enhance strategies and relationships with European nations based on the exchange of information through education opportunities and existing policies. • Research and analyze particular Far (China) and Middle East countries as it relates to their decision-making process, financial position, leadership, political dynamics, technical abilities and internal social tensions and stability. • Continue research efforts within the Services and Combatant Commands to better analyze and demonstrate enduring counterinsurgency operational capabilities. <p>FY 2022 to FY 2023 Increase/Decrease Statement: Increase in funding is the result of FY 2022 funds being re-phased due to prior year execution levels.</p> | | | |
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| <p>Title: Long Term Competitions (LTC) Program</p> <p>Description: Request supports the Long Term Competitions (LTC) program which is an analytical effort chartered to provide the DoD senior leadership with an understanding of key long-term developments and dynamics in specific areas of the global security environment, and to develop competitive strategies for their consideration as the Department seeks to address these long term challenges. The LTC Program will provide rigorously analyzed competitive strategy recommendations to these senior DoD leaders, and will require the support of organizations and experts outside of government to deliver the highest quality analysis, concepts and recommendations. Funding for the LTC program will be used to: bring outside experts into Task Force working groups and strategy review teams; contract studies; support wargaming and workshops; conduct analytical studies of key developments and dynamics, and their impact on the future security environment and U.S. military capabilities in that environment; and explore new approaches to addressing key analytical requirements.</p> <p>Assessments of the ability of future forces to achieve objectives at the campaign level. These assessments include wargaming, qualitative, and quantitative analytic methods. They will both inform and be informed by the Support for Strategic Analysis (SSA) defense planning scenarios (DPS). They will identify risk and potential trade-space among force structure, capabilities, and readiness to inform senior leader decision-making.</p> <p>FY 2022 Plans:</p> | 3.591 | 2.308 | 3.000 |
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|--------------------------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------------------|

| B. Accomplishments/Planned Programs (\$ in Millions) | FY 2021 | FY 2022 | FY 2023 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|----------------|
| Specific efforts are classified. | | | |
| FY 2023 Plans: Specific efforts are classified. | | | |
| FY 2022 to FY 2023 Increase/Decrease Statement: Increase in funding is the result of FY 2022 funds being re-phased due to prior year execution levels. | | | |
| Title: Defense Planning Scenarios Activities | 0.700 | 0.700 | 0.700 |
| Description: This program is classified. | | | |
| FY 2022 Plans: Specific efforts are classified. | | | |
| FY 2023 Plans: Specific efforts are classified. | | | |
| FY 2022 to FY 2023 Increase/Decrease Statement: No change to planned costs. | | | |
| Accomplishments/Planned Programs Subtotals | 6.322 | 4.591 | 6.214 |

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

N/A

Remarks

D. Acquisition Strategy

N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2023 Office of the Secretary Of Defense **Date:** April 2022

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|--------------------------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------------------|

| Product Development (\$ in Millions) | | | | FY 2021 | | FY 2022 | | FY 2023 Base | | FY 2023 OCO | | FY 2023 Total | Cost To Complete | Total Cost | Target Value of Contract |
|--------------------------------------|------------------------|-----------------------------------------|-------------|---------|------------|---------|------------|--------------|------------|-------------|------------|---------------|------------------|------------|--------------------------|
| Cost Category Item | Contract Method & Type | Performing Activity & Location | Prior Years | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | | | |
| Policy R&D Programs | Various | National Defense Univ, FFRDCs : Various | 48.514 | 6.322 | | 4.591 | | 6.214 | | - | | 6.214 | Continuing | Continuing | N/A |
| Subtotal | | | 48.514 | 6.322 | | 4.591 | | 6.214 | | - | | 6.214 | Continuing | Continuing | N/A |

Remarks
The Policy R&D Program provides analysis to overcome military challenges and for continued understanding of military structures, foreign cultures and ethnic issues.

| | Prior Years | FY 2021 | | FY 2022 | | FY 2023 Base | | FY 2023 OCO | | FY 2023 Total | Cost To Complete | Total Cost | Target Value of Contract |
|----------------------------|-------------|---------|--|---------|--|--------------|--|-------------|--|---------------|------------------|------------|--------------------------|
| Project Cost Totals | 48.514 | 6.322 | | 4.591 | | 6.214 | | - | | 6.214 | Continuing | Continuing | N/A |

Remarks
NA

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Exhibit R-4, RDT&E Schedule Profile: PB 2023 Office of the Secretary Of Defense **Date:** April 2022

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| Appropriation/Budget Activity 0400 / 7 | R-1 Program Element (Number/Name) PE 0305186D8Z / <i>Policy R&D Programs</i> | Project (Number/Name) 186 / <i>Policy R&D Programs</i> |
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| FY 2021 | | | | FY 2022 | | | | FY 2023 | | | | FY 2024 | | | | FY 2025 | | | | FY 2026 | | | | FY 2027 | | | |
|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|
| 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 |

The Policy R&D Program provides analysis to overcome military challenges and for continued understanding of military structures, foreign cultures and ethnic issues

Policy R&D Program

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Exhibit R-4A, RDT&E Schedule Details: PB 2023 Office of the Secretary Of Defense **Date:** April 2022

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| Appropriation/Budget Activity 0400 / 7 | R-1 Program Element (Number/Name) PE 0305186D8Z / Policy R&D Programs | Project (Number/Name) 186 / Policy R&D Programs |
|--------------------------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------------------|

Schedule Details

| Events by Sub Project | Start | | End | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------|---------|------|
| | Quarter | Year | Quarter | Year |
| <i>The Policy R&D Program provides analysis to overcome military challenges and for continued understanding of military structures, foreign cultures and ethnic issues</i> | | | | |
| Policy R&D Program | 1 | 2021 | 4 | 2027 |