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Exhibit R-2, RDT&E Budget Item Justification: PB 2020 Army **Date:** March 2019

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|---|--|
| Appropriation/Budget Activity 2040: <i>Research, Development, Test & Evaluation, Army / BA 4: Advanced Component Development & Prototypes (ACD&P)</i> | R-1 Program Element (Number/Name) PE 0604644A / <i>Mobile Medium Range Missile</i> |
|---|--|

| COST (\$ in Millions) | Prior Years | FY 2018 | FY 2019 | FY 2020 Base | FY 2020 OCO | FY 2020 Total | FY 2021 | FY 2022 | FY 2023 | FY 2024 | Cost To Complete | Total Cost |
|---|-------------|---------|---------|--------------|-------------|---------------|---------|---------|---------|---------|------------------|------------|
| Total Program Element | - | 0.000 | 0.000 | 20.000 | - | 20.000 | 90.000 | 190.000 | 300.000 | 300.000 | 0.000 | 900.000 |
| MR1: <i>Mobile Medium Range Missile</i> | - | 0.000 | 0.000 | 20.000 | - | 20.000 | 90.000 | 190.000 | 300.000 | 300.000 | 0.000 | 900.000 |

A. Mission Description and Budget Item Justification

Mobile Medium Range Missile provides the Joint Force Commander a lower cost strategic capability that can attack specific threat vulnerabilities in order to penetrate, dis-integrate, and exploit in the strategic and deep maneuver areas. It mitigates Extremely High Risk (EHR) capability gap.

B. Program Change Summary (\$ in Millions)

| | <u>FY 2018</u> | <u>FY 2019</u> | <u>FY 2020 Base</u> | <u>FY 2020 OCO</u> | <u>FY 2020 Total</u> |
|-------------------------------------|----------------|----------------|---------------------|--------------------|----------------------|
| Previous President's Budget | 0.000 | 0.000 | 0.000 | - | 0.000 |
| Current President's Budget | 0.000 | 0.000 | 20.000 | - | 20.000 |
| Total Adjustments | 0.000 | 0.000 | 20.000 | - | 20.000 |
| • Congressional General Reductions | - | - | | | |
| • Congressional Directed Reductions | - | - | | | |
| • Congressional Rescissions | - | - | | | |
| • Congressional Adds | - | - | | | |
| • Congressional Directed Transfers | - | - | | | |
| • Reprogrammings | - | - | | | |
| • SBIR/STTR Transfer | - | - | | | |
| • Adjustments to Budget Years | - | - | 20.000 | - | 20.000 |

Change Summary Explanation

FY 2020 funding increase due to initial funding for new start program.

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| Appropriation/Budget Activity 2040 / 4 | R-1 Program Element (Number/Name) PE 0604644A / <i>Mobile Medium Range Missile</i> | Project (Number/Name) MR1 / <i>Mobile Medium Range Missile</i> |
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| COST (\$ in Millions) | Prior Years | FY 2018 | FY 2019 | FY 2020 Base | FY 2020 OCO | FY 2020 Total | FY 2021 | FY 2022 | FY 2023 | FY 2024 | Cost To Complete | Total Cost |
|---|-------------|---------|---------|--------------|-------------|---------------|---------|---------|---------|---------|------------------|------------|
| MR1: <i>Mobile Medium Range Missile</i> | - | 0.000 | 0.000 | 20.000 | - | 20.000 | 90.000 | 190.000 | 300.000 | 300.000 | 0.000 | 900.000 |
| Quantity of RDT&E Articles | - | - | - | - | - | - | - | - | - | - | - | - |

Note

Mobile Medium Range Missile is a new start.

A. Mission Description and Budget Item Justification

Mobile Medium Range Missile provides the Joint Force Commander a lower cost strategic capability that can attack specific threat vulnerabilities in order to penetrate, dis-integrate, and exploit in the strategic and deep maneuver areas. It mitigates Extremely High Risk (EHR) capability gap.

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

| | FY 2018 | FY 2019 | FY 2020 |
|---|---------|---------|---------|
| Title: TM/RR | - | - | 20.000 |
| Description: Develop the Army's next generation medium range strike missile capability. Mobile Medium Range Missile provides field artillery units with an extended range capability supporting strategic forces in full, limited or expeditionary operations. | | | |
| FY 2020 Plans: Supports acquisition strategy development, system requirements/specification definition/development, transitioned technology/component maturation assessment, and contract strategy development. | | | |
| FY 2019 to FY 2020 Increase/Decrease Statement: Funding for this new start begins in FY 2020. | | | |
| Accomplishments/Planned Programs Subtotals | - | - | 20.000 |

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

N/A

Remarks

D. Acquisition Strategy

Leverage non-traditional contracting strategy to transition/develop/mature current and near-term support efforts to provide Joint Force Commanders capabilities to attack specific threat vulnerabilities in order to penetrate, dis-integrate, and exploit in the strategic and deep maneuver areas.

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E. Performance Metrics

N/A

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| Exhibit R-4, RDT&E Schedule Profile: PB 2020 Army | | Date: March 2019 |
| Appropriation/Budget Activity 2040 / 4 | R-1 Program Element (Number/Name) PE 0604644A / <i>Mobile Medium Range Missile</i> | Project (Number/Name) MR1 / <i>Mobile Medium Range Missile</i> |

| Event Name | FY 2018 | | | | FY 2019 | | | | FY 2020 | | | | FY 2021 | | | | FY 2022 | | | | FY 2023 | | | | FY 2024 | | | | | | | |
|---|---------|---|---|---|---------|---|---|---|------------------|---|---|---|------------------|---|---|---|------------------|---|---|---|--|---|---|---|---------|---|---|---|-----|--|--|--|
| | 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 | | | | |
| Transition (Current and Planned Technologies) | | | | | | | | | ████████████████ | | | | ████████████████ | | | | ████████████████ | | | | | | | | | | | | | | | |
| Assessment | | | | | | | | | | | | | ████████ | | | | | | | | | | | | | | | | | | | |
| TM/RR | | | | | | | | | | | | | | | | | | | | | ██ | | | | | | | | | | | |
| MDD (MS A) | | | | | | | | | | | | | | | | | | | | | ▲ 1 | | | | | | | | | | | |
| Mission Command Development | | | | | | | | | | | | | | | | | | | | | ██ | | | | | | | | | | | |
| IDR | | | | | | | | | | | | | | | | | | | | | | | | | ▲ 2 | | | | | | | |
| Component Maturation | | | | | | | | | | | | | | | | | | | | | ██ | | | | | | | | | | | |
| PDR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ▲ 3 | | | |

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| Exhibit R-4A, RDT&E Schedule Details: PB 2020 Army | | Date: March 2019 |
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Schedule Details

| Events | Start | | End | |
|---|---------|------|---------|------|
| | Quarter | Year | Quarter | Year |
| Transition (Current and Planned Technologies) | 1 | 2020 | 4 | 2022 |
| Assessment | 2 | 2020 | 4 | 2020 |
| TM/RR | 1 | 2021 | 4 | 2024 |
| MDD (MS A) | 3 | 2021 | 3 | 2021 |
| Mission Command Development | 3 | 2021 | 4 | 2024 |
| IDR | 4 | 2022 | 4 | 2022 |
| Component Maturation | 4 | 2021 | 4 | 2024 |
| PDR | 4 | 2024 | 4 | 2024 |