

**UNCLASSIFIED**

| Exhibit R-2, RDT&E Budget Item Justification: PB 2020 Army   |             |         |         |              |  |               |         |         |         | Date: March 2019 |                  |            |
|--|-------------|---------|---------|--------------|--|---------------|---------|---------|---------|------------------|------------------|------------|
| Appropriation/Budget Activity<br>2040: Research, Development, Test & Evaluation, Army I BA 2: Applied Research |             |         |         |              | R-1 Program Element (Number/Name)<br>PE 0602122A I TRACTOR HIP |               |         |         |         |                  |                  |            |
| 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  | -           | 8.627   | 8.674   | 0.000        | -  | 0.000         | 0.000   | 0.000   | 0.000   | 0.000            | 0.000            | 17.301     |
| 622: D622  | -           | 3.823   | 3.840   | 0.000        | -  | 0.000         | 0.000   | 0.000   | 0.000   | 0.000            | 0.000            | 7.663      |
| B72: AB72  | -           | 4.804   | 4.834   | 0.000        | -  | 0.000         | 0.000   | 0.000   | 0.000   | 0.000            | 0.000            | 9.638      |

**Note**

The details of this program are reported in accordance with Title 10, United States Code, Section 119(a)(1).

**A. Mission Description and Budget Item Justification**

The details of this program are reported in accordance with Title 10, United States Code, Section 119(a)(1).

|   |                       |                       |                            |                           |                             |
|---|-----------------------|-----------------------|----------------------------|---------------------------|-----------------------------|
| <b>B. Program Change Summary (\$ in Millions)</b> | <b><u>FY 2018</u></b> | <b><u>FY 2019</u></b> | <b><u>FY 2020 Base</u></b> | <b><u>FY 2020 OCO</u></b> | <b><u>FY 2020 Total</u></b> |
| Previous President's Budget                       | 8.627                 | 8.674                 | 9.319                      | -                         | 9.319                       |
| Current President's Budget                        | 8.627                 | 8.674                 | 0.000                      | -                         | 0.000                       |
| Total Adjustments                                 | 0.000                 | 0.000                 | -9.319                     | -                         | -9.319                      |
| • Congressional General Reductions                | -                     | -                     |                            |                           |                             |
| • Congressional Directed Reductions               | -                     | -                     |                            |                           |                             |
| • Congressional Rescissions                       | -                     | -                     |                            |                           |                             |
| • Congressional Adds                              | -                     | -                     |                            |                           |                             |
| • Congressional Directed Transfers                | -                     | -                     |                            |                           |                             |
| • Reprogrammings                                  | -                     | -                     |                            |                           |                             |
| • SBIR/STTR Transfer                              | -                     | -                     |                            |                           |                             |
| • Adjustments to Budget Years                     | -                     | -                     | -9.319                     | -                         | -9.319                      |

**Change Summary Explanation**

The details of this program are reported in accordance with Title 10, United States Code, Section 119(a)(1).

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|---|-------------|---------|---------|--------------|--|---------------|---------|---------|-------------------------------------|------------------|------------------|------------|
| Appropriation/Budget Activity<br>2040 / 2               |             |         |         |              | R-1 Program Element (Number/Name)<br>PE 0602122A / TRACTOR HIP |               |         |         | Project (Number/Name)<br>622 / D622 |                  |                  |            |
| 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 |
| 622: D622   | -           | 3.823   | 3.840   | 0.000        | -  | 0.000         | 0.000   | 0.000   | 0.000                               | 0.000            | 0.000            | 7.663      |

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|---|-------------|---------|---------|--------------|--|---------------|---------|---------|-------------------------------------|------------------|------------------|------------|
| Appropriation/Budget Activity<br>2040 / 2               |             |         |         |              | R-1 Program Element (Number/Name)<br>PE 0602122A / TRACTOR HIP |               |         |         | Project (Number/Name)<br>B72 / AB72 |                  |                  |            |
| 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 |
| B72: AB72   | -           | 4.804   | 4.834   | 0.000        | -  | 0.000         | 0.000   | 0.000   | 0.000                               | 0.000            | 0.000            | 9.638      |

A. Mission Description and Budget Item Justification

The details of this program are reported in accordance with Title 10, United States Code, Section 119(a)(1).