

UNCLASSIFIED

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

| Appropriation/Budget Activity | R-1 Program Element (Number/Name) | | | | | | | | | | | |
|--|--|----------------|----------------|---------------------|--------------------|----------------------|----------------|----------------|----------------|----------------|-------------------------|-------------------|
| 2040: <i>Research, Development, Test & Evaluation, Army / BA 2: Applied Research</i> | PE 0602142A / <i>Army Applied Research</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 | 25.319 | - | 25.319 | 25.467 | 24.119 | 23.918 | 23.696 | 0.000 | 122.519 |
| BS1: <i>Army Applied Research</i> | - | 0.000 | 0.000 | 25.319 | - | 25.319 | 25.467 | 24.119 | 23.918 | 23.696 | 0.000 | 122.519 |

A. Mission Description and Budget Item Justification

The Army Applied Research budget line includes systematic application of knowledge toward the production of useful materials, devices and systems or methods including the design, development and improvement of science and technology for Army applications.

Efforts in this budget line include studies, investigations and non-system specific technology efforts leading to bread-board hardware or proof of principle analysis.

| B. Program Change Summary (\$ in Millions) | FY 2018 | FY 2019 | FY 2020 Base | FY 2020 OCO | FY 2020 Total |
|---|----------------|----------------|---------------------|--------------------|----------------------|
| Previous President's Budget | 0.000 | 0.000 | 0.000 | - | 0.000 |
| Current President's Budget | 0.000 | 0.000 | 25.319 | - | 25.319 |
| Total Adjustments | 0.000 | 0.000 | 25.319 | - | 25.319 |
| • Congressional General Reductions | - | - | | | |
| • Congressional Directed Reductions | - | - | | | |
| • Congressional Rescissions | - | - | | | |
| • Congressional Adds | - | - | | | |
| • Congressional Directed Transfers | - | - | | | |
| • Reprogrammings | - | - | | | |
| • SBIR/STTR Transfer | - | - | | | |
| • Adjustments to Budget Years | - | - | 25.319 | - | 25.319 |