**Exhibit R-2, RDT&E Budget Item Justification:** PB 2017 Defense Threat Reduction Agency

**Date:** February 2016

### Appropriation/Budget Activity
0400: Research, Development, Test & Evaluation, Defense-Wide / BA 6: RDT&E Management Support

### R-1 Program Element (Number/Name)
PE 0605502BR / Small Business Innovation Research

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<tr>
<td>Total Program Element</td>
<td>29.006</td>
<td>9.606</td>
<td>0.000</td>
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<td>-</td>
<td>0.000</td>
<td>0.000</td>
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<td>0.000</td>
<td>0.000</td>
<td>0.000 Continuing</td>
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<tr>
<td>RA: Information Sciences and Applications</td>
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<td>9.606</td>
<td>0.000</td>
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<td>-</td>
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<td>0.000</td>
<td>0.000</td>
<td>0.000 Continuing</td>
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**Note**
Funding for this program element is not allocated until the year of execution. Program Element 0605502BR “Small Business Innovative Research” is used in reporting year-end actual expenses only.

### A. Mission Description and Budget Item Justification
The Small Business Innovative Research (SBIR) and the Small Business Technology Transfer (STTR) programs provide the means for stimulating technological innovation in the private sector, strengthens the role of small business in meeting the Department of Defense (DoD) research and development needs; fosters and encourages participation of minority and disadvantaged businesses in technological innovation; and increases the commercial application of the DoD supported research and development results. These efforts are responsive to Public Law 106-554.

### B. Program Change Summary ($ in Millions)

<table>
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<th>Previous President's Budget</th>
<th>FY 2015</th>
<th>FY 2016</th>
<th>FY 2017 Base</th>
<th>FY 2017 OCO</th>
<th>FY 2017 Total</th>
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<tr>
<td>Current President's Budget</td>
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<td>0.000</td>
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<tr>
<td>Total Adjustments</td>
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- Congressional General Reductions
- Congressional Directed Reductions
- Congressional Rescissions
- Congressional Adds
- Congressional Directed Transfers
- Reprogrammings
- SBIR/STTR Transfer

**Change Summary Explanation**
Funding for the SBIR Program is consolidated in this program element during the year of execution.
A. Mission Description and Budget Item Justification

This project provides the means for stimulating technological innovation in the private sector, strengthens the role of small business in meeting the Department of Defense (DoD) research and development needs; fosters and encourages participation of minority and disadvantaged businesses in technological innovation; and increases the commercial application of the DoD supported research and development results. These efforts are responsive to Public Law 106-554.

B. Accomplishments/Planned Programs ($ in Millions)

**Title:** RA: Information Sciences and Applications

**Description:** This project provides the means for stimulating technological innovation in the private sector, strengthens the role of small business in meeting the DoD research and development needs; fosters and encourages participation of minority and disadvantaged businesses in technological innovation; and increases the commercial application of the DoD supported research and development results. These efforts are responsive to Public Law 106-554.

**FY 2015 Accomplishments:**
- Improved microchip production methods applicable to radiation hardened components.
- Developed non-Helium-3 neutron/gamma detectors (PM nominated for R&D 100 award, received Value Engineering Award)

Phase I contract awards from qualified proposals
- SBIR 14.3 solicitation: 8 awards
- STTR solicitation: 10 awards

Phase II contract awards from qualified proposals
- SBIR 12.2 solicitation: 7 awards
- SBIR 10.2 solicitation: 2 awards

Accomplishments/Planned Programs Subtotals 9.606 - -
**Exhibit R-2A, RDT&E Project Justification:** PB 2017 Defense Threat Reduction Agency

**Date:** February 2016

### Appropriation/Budget Activity
0400 / 6

### R-1 Program Element (Number/Name)
PE 0605502BR / Small Business Innovation Research

### Project (Number/Name)
RA / Information Sciences and Applications

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

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**Remarks**

**D. Acquisition Strategy**

N/A

**E. Performance Metrics**

N/A
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