## Defense Health Program

### Fiscal Year (FY) 2011 Budget Estimates

#### Exhibit R-2, DHP RDT&E Budget Item Justification

**Appropriation/Budget Activity**

<table>
<thead>
<tr>
<th>Appropriation/Budget Activity</th>
<th>Defense Health Program/BA: 2</th>
</tr>
</thead>
</table>

**DATE:** February 2010

**R1 Item Nomenclature:** 9

**Medical Products and Support Systems Dev 0605145HP**

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**COST:** (Dollars in Millions)

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<tbody>
<tr>
<td><strong>Total PE 0605145</strong></td>
<td>0.000</td>
<td>0.803</td>
<td>0.000</td>
<td>18.959</td>
<td>64.094</td>
<td>91.126</td>
<td>98.607</td>
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<tr>
<td><strong>GDF-Medical Products and Support Systems Development (GDF-MPSSD)</strong></td>
<td>0.000</td>
<td>0.803</td>
<td>0.000</td>
<td>18.959</td>
<td>64.094</td>
<td>91.126</td>
<td>98.607</td>
</tr>
</tbody>
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### A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

This Program Element (PE) funds system development and demonstration of medical commodities delivered from Medical Advanced Component Development that are directed at meeting validated requirements prior to full-rate initial production and fielding, including initial operational test and evaluation and clinical trials. Research in this PE is designed to address areas of interest to the Secretary of Defense and to close medical capability gaps associated with the Joint Force Health Protection Concept of Operations (JFHP CONOPS) and derivative Joint Capability Documents (JCD).

Program development and execution is peer-reviewed and fully coordinated with all Services and other agencies through the Expanded-Joint Technology Coordinating Groups under the Armed Services Biomedical Evaluation and Management (ASBREM) Committee to assure quality, relevance, and responsiveness to military operational needs, the needs of the Military Health System and the JFHP CONOPS and JCDs. Research includes development and demonstration of medical modeling and simulation systems for training/education/treatment, and medical system development and demonstration.
B. PROGRAM CHANGE SUMMARY:

<table>
<thead>
<tr>
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<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
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<tr>
<td>FY11 Budget Estimate RDT&amp;E</td>
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<td>SBIR</td>
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PROGRAM CHANGE SUMMARY EXPLANATION:

FY09:
No Change.

FY10:
SBIR Transfer from DHP RDT&E Program Element 0605145-Medical Products and Support Systems Development to DHP RDT&E Program Element 0605502-Small Business Innovation Research (SBIR) (~$0.021 million).

FY11:
No Change.

FY12:
No Change.

C. OTHER PROGRAM FUNDING SUMMARY: None.

D. ACQUISITION STRATEGY: Not Required.

E. PERFORMANCE METRICS:
The benchmark performance metric for transition of research supported in this PE will be the attainment of a maturity level that is typical of TRL 8.