# Department of Defense Fiscal Year (FY) 2014 President's Budget Submission

April 2013



## **Washington Headquarters Service**

Justification Book

Research, Development, Test & Evaluation, Defense-Wide

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Washington Headquarters Service • President's Budget Submission FY 2014 • RDT&E Program

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Washington Headquarters Service • President's Budget Submission FY 2014 • RDT&E Program

## **Program Element Table of Contents (by Budget Activity then Line Item Number)**

Budget Activity 06: RDT&E Management Support

Appropriation 0400: Research, Development, Test & Evaluation, Defense-Wide

| Line Item | Budget Activity | Program Element Number | Program Element Title Page          |
|-----------|-----------------|------------------------|-------------------------------------|
|           | 06              | 0605502D8W             | Small Business Innovative Research  |
| 180       | 06              | 0901598D8W             | IT Software Development Initiatives |

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Washington Headquarters Service • President's Budget Submission FY 2014 • RDT&E Program

## **Program Element Table of Contents (Alphabetically by Program Element Title)**

| Program Element Title               | Program Element<br>Number | Line Item | Budget<br>Activity Page |
|-------------------------------------|---------------------------|-----------|-------------------------|
| IT Software Development Initiatives | 0901598D8W                | 180       | 06 3                    |
| Small Business Innovative Research  | 0605502D8W                |           | 06 1                    |

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# Washington Headquarters Services FY 2014 President's Budget Exhibit R-1 FY 2014 President's Budget Total Obligational Authority (Dollars in Thousands)

11 Mar 2013

Appropriation: 0400D Research, Development, Test & Eval, DW

| Program Line Element No Number Item        | Act<br> | FY 2012<br>(Base & OCO) | FY 2013<br>Base Request<br>with CR Adj* | FY 2013<br>OCO Request<br>with CR Adj* | FY 2013<br>Total Request<br>with CR Adj* | FY 2014<br>Base | S<br>e<br>c |
|--|---------|-------------------------|---|--|--|-----------------|-------------|
| 180 0901598D8W Management Headquarters WHS | 06      | 167                     | 104                                     |  | 104                                      | 607             | U           |
| Management Support                         |         | 167                     | 104                                     |  | <br>104                                  | 607             |             |
| Total Washington Headquarters Services     |         | 167                     | 104                                     |  | <br>104                                  | 607             |             |

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R-1C: FY 2014 President's Budget (Published Version), as of March 11, 2013 at 11:43:55

<sup>\*</sup> Reflects the FY 2013 President's Budget with an undistributed adjustment to match the Annualized Continuing Resolution funding level by appropriation.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Washington Headquarters Service

R-1 ITEM NOMENCLATURE

0400: Research, Development, Test & Evaluation, Defense-Wide

PE 0605502D8W: Small Business Innovative Research

DATE: April 2013

BA 6: RDT&E Management Support

APPROPRIATION/BUDGET ACTIVITY

| , ,                                     |                    |         |                      |                 |                   |                  |         |         |         |         |                     |               |
|---|--------------------|---------|----------------------|-----------------|-------------------|------------------|---------|---------|---------|---------|---------------------|---------------|
| COST (\$ in Millions)                   | All Prior<br>Years | FY 2012 | FY 2013 <sup>#</sup> | FY 2014<br>Base | FY 2014<br>OCO ## | FY 2014<br>Total | FY 2015 | FY 2016 | FY 2017 | FY 2018 | Cost To<br>Complete | Total<br>Cost |
| Total Program Element                   | -                  | 0.005   | 0.000                | 0.000           | -                 | 0.000            | 0.000   | 0.000   | 0.000   | 0.000   | Continuing          | Continuing    |
| 948: Small Business Innovative Research | -                  | 0.005   | 0.000                | 0.000           | -                 | 0.000            | 0.000   | 0.000   | 0.000   | 0.000   | Continuing          | Continuing    |

<sup>\*</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

## A. Mission Description and Budget Item Justification

Establishment of WHS Small Business Innovative Research (SBIR) and Small Business Technology Transfer (STTR) Program

| FY 2012 | FY 2013   | FY 2014 Base | FY 2014 OCO | FY 2014 Total |
|---------|---|--------------|-------------|---------------|
| 0.000   | 0.000   | 0.000        | -           | 0.000         |
| 0.005   | 0.000   | 0.000        | -           | 0.000         |
| 0.005   | 0.000   | 0.000        | -           | 0.000         |
| -       | -   |              |             |               |
| -       | -   |              |             |               |
| -       | -   |              |             |               |
| -       | -   |              |             |               |
| -       | -   |              |             |               |
| -       | -   |              |             |               |
| 0.005   | 0.000   |              |             |               |
|         | 0.000<br>0.005<br>0.005<br>-<br>-<br>-<br>-<br>-<br>- | 0.000        | 0.000       | 0.000         |

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

|   |                    |         |                      |                 |                   |                  |         |         | PROJECT 948: Small Business Innovative Research |         |                     |               |
|---|--------------------|---------|----------------------|-----------------|-------------------|------------------|---------|---------|---|---------|---------------------|---------------|
| COST (\$ in Millions)                   | All Prior<br>Years | FY 2012 | FY 2013 <sup>#</sup> | FY 2014<br>Base | FY 2014<br>OCO ## | FY 2014<br>Total | FY 2015 | FY 2016 | FY 2017   | FY 2018 | Cost To<br>Complete | Total<br>Cost |
| 948: Small Business Innovative Research | -                  | 0.005   | 0.000                | 0.000           | -                 | 0.000            | 0.000   | 0.000   | 0.000   | 0.000   | Continuing          | Continuing    |

<sup>\*</sup>FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

Exhibit R-2A, RDT&E Project Justification: PB 2014 Washington Headquarters Service

## A. Mission Description and Budget Item Justification

Establishment of WHS SBIR/STTR

Quantity of RDT&E Articles

| B. Accomplishments/Planned Programs (\$ in Millions)                                     | FY 2012 | FY 2013 | FY 2014 |
|--|---------|---------|---------|
| Title: Small Business Innovative Research and Small Business Technology Transfer Program | 0.005   | 0.000   | 0.000   |
| Description: Establishment of WHS SBIR/STTR  |         |         |         |
| FY 2012 Accomplishments: Establishment of WHS SBIR/STTR                                  |         |         |         |
| Accomplishments/Planned Programs Subtotals   | 0.005   | 0.000   | 0.000   |

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

N/A

Remarks

## D. Acquisition Strategy

N/A

## E. Performance Metrics

SBIR/STTR

PE 0605502D8W: Small Business Innovative Research Washington Headquarters Service

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DATE: April 2013

<sup>\*\*\*</sup> The FY 2014 OCO Request will be submitted at a later date

Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Washington Headquarters Service

R-1 ITEM NOMENCLATURE

0400: Research, Development, Test & Evaluation, Defense-Wide

PE 0901598D8W: IT Software Development Initiatives

DATE: April 2013

BA 6: RDT&E Management Support

APPROPRIATION/BUDGET ACTIVITY

| COST (\$ in Millions)                   | All Prior<br>Years | FY 2012 | FY 2013 <sup>#</sup> | FY 2014<br>Base | FY 2014<br>OCO ## | FY 2014<br>Total | FY 2015 | FY 2016 | FY 2017 | FY 2018 | Cost To<br>Complete | Total<br>Cost |
|---|--------------------|---------|----------------------|-----------------|-------------------|------------------|---------|---------|---------|---------|---------------------|---------------|
| Total Program Element                   | -                  | 0.167   | 0.104                | 0.607           | -                 | 0.607            | 0.612   | 0.614   | 0.625   | 0.636   | Continuing          | Continuing    |
| 945: 945 Miscellaneous IT<br>Initiative | -                  | 0.167   | 0.104                | 0.607           | -                 | 0.607            | 0.612   | 0.614   | 0.625   | 0.636   | Continuing          | Continuing    |

FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

## A. Mission Description and Budget Item Justification

The Washington Headquarters Services (WHS) Information Technology (IT) program provides ongoing research, test, development and enhancement initiatives for the Office of the Secretary of Defense (OSD), OSD Principal Staff Assistants, and WHS Directorates. Ongoing initiatives include enterprise storage testing, enterprise performance and productivity analysis, enterprise/business applications development and enhancements, operational support enhancements, and information assurance testing and development.

| B. Program Change Summary (\$ in Millions)            | FY 2012 | FY 2013 | FY 2014 Base | FY 2014 OCO | FY 2014 Total |
|---|---------|---------|--------------|-------------|---------------|
| Previous President's Budget                           | 0.167   | 0.104   | 0.107        | -           | 0.107         |
| Current President's Budget                            | 0.167   | 0.104   | 0.607        | -           | 0.607         |
| Total Adjustments                                     | 0.000   | 0.000   | 0.500        | -           | 0.500         |
| <ul> <li>Congressional General Reductions</li> </ul>  | -       | -       |              |             |               |
| <ul> <li>Congressional Directed Reductions</li> </ul> | -       | -       |              |             |               |
| <ul> <li>Congressional Rescissions</li> </ul>         | -       | -       |              |             |               |
| <ul> <li>Congressional Adds</li> </ul>                | -       | -       |              |             |               |
| <ul> <li>Congressional Directed Transfers</li> </ul>  | -       | -       |              |             |               |
| <ul> <li>Reprogrammings</li> </ul>                    | -       | -       |              |             |               |
| SBIR/STTR Transfer                                    | -       | -       |              |             |               |
| Program increase                                      | -       | -       | 0.500        | -           | 0.500         |

## **Change Summary Explanation**

The FY 2012 program is in compliance with Section 638 of Title 15 USC-Small Business Innovation Research Program and the Small Business Technology Transfer Program.

The increase to the FY 2014 program is to develop, test, pilot, and deploy new integrated business tools that will enhance human resource management, acquisition, and executive services business processes that support WHS/OSD. Funds will also be used for developing and testing tools that will improve the delivery of IT services and capabilities for all WHS/OSD users.

PE 0901598D8W: *IT Software Development Initiatives* Washington Headquarters Service

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<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

| Exhibit R-2A, RDT&E Project Justification: PB 2014 Washington Headquarters Service  |  |         |                      |                 |                   | DATE: Apr  | ril 2013 |         |         |         |                     |               |
|---|--|---------|----------------------|-----------------|-------------------|--|----------|---------|---------|---------|---------------------|---------------|
| APPROPRIATION/BUDGET AC 0400: Research, Development, To BA 6: RDT&E Management Supp | arch, Development, Test & Evaluation, Defense-Wide PE 0901598D8W: IT Software Development 945: 945 Miscellaneous IT Initiative |         |                      |                 |                   | PE 0901598D8W: <i>IT Software Development</i> 945: 945 M |          |         | /e      |         |                     |               |
| COST (\$ in Millions)   | All Prior<br>Years   | FY 2012 | FY 2013 <sup>#</sup> | FY 2014<br>Base | FY 2014<br>OCO ## | FY 2014<br>Total   | FY 2015  | FY 2016 | FY 2017 | FY 2018 | Cost To<br>Complete | Total<br>Cost |
| 945: 945 Miscellaneous IT<br>Initiative   | -  | 0.167   | 0.104                | 0.607           | -                 | 0.607  | 0.612    | 0.614   | 0.625   | 0.636   | Continuing          | Continuing    |
| Quantity of RDT&E Articles  |  |         |                      |                 |                   |  |          |         |         |         |                     |               |

<sup>\*</sup>FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

## A. Mission Description and Budget Item Justification

P945 – Miscellaneous IT Initiative - The WHS provides various IT support for the WHS/OSD to align processes and information technology that will enable mission accomplishment.

| B. Accomplishments/Planned Programs (\$ in Millions)   | FY 2012 | FY 2013 | FY 2014 |
|--|---------|---------|---------|
| Title: Enterprise Information Technology Services Directorate (EITSD) IT   | 0.000   | 0.000   | 0.500   |
| FY 2014 Plans:  To develop, test, pilot, and deploy new integrated business tools that will enhance human resource management, acquisition, and executive services business processes that support WHS/OSD. Funds will also be used for developing and testing tools that will improve the delivery of IT services and capabilities for all WHS/OSD users. WHS/OSD continues to expand the Engineering, Test and Development networks for NIPR and SIPR. The long term goal is to provide and maintain a centrally managed, "State-of-the-Art", Virtual Environment for developers throughout OSD, WHS and PFPA. |         |         |         |
| Title: Certification and Accreditation   | 0.167   | 0.000   | 0.000   |
| FY 2012 Accomplishments: Established the full-scope Certification and Accreditation program supporting the Secretary of Defense Comptroller(SDC) which included Trusted Thin Clients, DOD Information Assurance Certification and Accreditation Process (DIACAP), Situational Awareness support, External Reporting, Configuration Control, and the Workforce Improvement Program.   |         |         |         |
| Title: Secure Mobile Computing   | 0.000   | 0.104   | 0.107   |
| FY 2013 Plans: To develop better mobile classified computing and communications platforms for all customers. This will allow for DOD capabilities to address secure computing at residences and at temporary and mobile locations around the world.  |         |         |         |
| FY 2014 Plans:   |         |         |         |

PE 0901598D8W: IT Software Development Initiatives Washington Headquarters Service

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<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

| Exhibit R-2A, RDT&E Project Justification: PB 2014 Washington Headquarte                   | ers Service  |                      | DATE: April 2013       |
|--|--|----------------------|------------------------|
| APPROPRIATION/BUDGET ACTIVITY 0400: Research, Development, Test & Evaluation, Defense-Wide | R-1 ITEM NOMENCLATURE PE 0901598D8W: IT Software Development | PROJECT<br>945 945 M |                        |
| BA 6: RDT&E Management Support   | Initiatives  | 0 10. 0 10 11        | moomaneede II milative |

| B. Accomplishments/Planned Programs (\$ in Millions)   | FY 2012 | FY 2013 | FY 2014 |
|--|---------|---------|---------|
| A continuation of the FY 2013 program of developing better mobile classified computing and communications platforms for all customers to have secure computing at residences and at temporary and mobile locations around the world. |         |         |         |
| Accomplishments/Planned Programs Subtotals   | 0.167   | 0.104   | 0.607   |

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

N/A

#### Remarks

## D. Acquisition Strategy

Not applicable for this item

#### **E. Performance Metrics**

In FY 2012 One Hundred Percent (100%) of thin client devices were certified and accredited

FY 2013 Establish Secure Mobile Computing for SDC

FY 2014: Continuation of FY 2013 program with a faster and more cost effective approach to evaluation and application of new software and information technology. To achieve a 15% reduction in the time to deploy modifications, upgrades and capabilities to customers

PE 0901598D8W: *IT Software Development Initiatives* Washington Headquarters Service

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