FY 2004/2005 RDT&E,N BUDGET ITEM JUSTIFICATION SHEET DATE: February 2003 Exhibit R-2

BUDGET ACTIVITY: 7 PROGRAM ELEMENT: 0205658N

PROGRAM ELEMENT TITLE: NAVAL FLEET/FORCE TECHNOLOGY INNOVATION OFFICE

| COST: PROJEC NUMBER TITLE | | usands) FY 2002 ACTUAL | FY 2003 ESTIMATE | FY 2004 ESTIMATE | FY 2005 ESTIMATE | FY 2006 ESTIMATE | FY 2007 ESTIMATE | FY 2008 ESTIMATE | FY 2009 ESTIMATE |
|------------------------------------|------------------|------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| R0834 | Laboratory Flee | t Support | | | | | | | |
| | | 6,981 | 4,685 | 3,708 | 3,849 | 3 , 952 | 4,777 | 4,857 | 4,942 |
| R2371 | Lash Hyperspect: | | | | | | | | |
| | | 4,131 | _ | _ | _ | _ | _ | _ | _ |
| R2701 | Lash Study | | | | | | | | |
| | | 4,898 | 1,659 | _ | _ | _ | _ | _ | _ |
| R9111 | Littoral/Mine Co | ountermeasur | res Rapid Re | sponse | | | | | |
| | | 4,131 | 6,637 | _ | - | _ | - | _ | _ |
| Total | | 20,141 | 12,981 | 3,708 | 3,849 | 3 , 952 | 4,777 | 4,857 | 4,942 |

A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: The Naval Fleet/Force Technology Innovation Office (NFFTIO) ensures that the Fleet/Force (F/F) helps shape the Department of the Navy (DoN) investment in Science and Technology (S&T), develops teaming relationships to rapidly demonstrate and transition technology, supports development of technology-based capability options for naval forces, and enables warfighting innovations based on technical and conceptual possibilities. This is accomplished through proactive connectivity and collaboration between DoN S&T and Joint, Navy, and Marine Corps commands worldwide. The program accomplishes this through several methods. It provides Science Advisors to Joint, Navy, and Marine Corps operational and strategic planning commands. In addition, NFFTIO facilitates and disseminates the Command Capability Issues (CCIs) provided by the F/F Commanders to the Director of Navy Test and Evaluation and Technology Requirements (OPNAV N091). NFFTIO also collaborates with the F/F to identify specific solutions to known operational capability needs and provides the means to develop and demonstrate prototype systems. The result is that NFFTIO provides insight into issues associated with Naval Warfighting Capabilities, thereby influencing long term S&T programs. The program also develops leaders among the civilian scientists and engineers in the Naval Research Enterprise (NRE). Upon completion of their Science Advisor tours, the scientists and engineers return to the NRE with first hand knowledge of the F/F, warfighting issues, and strategic decision making. NFFTIO is unique in that it enables a continuous communication and collaboration between the warfighters, the technical community, and strategic development commands.

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Page 1 of 8

FY 2004/2005 RDT&E,N BUDGET ITEM JUSTIFICATION SHEET DATE: February 2003 Exhibit R-2

BUDGET ACTIVITY: 7 PROGRAM ELEMENT: 0205658N

PROGRAM ELEMENT TITLE: NAVAL FLEET/FORCE TECHNOLOGY INNOVATION OFFICE

B. PROGRAM CHANGE SUMMARY:

| | FY 2002 | FY 2003 | FY 2004 | FY 2005 |
|--|---------|-----------------|----------------|---------|
| FY 2003 President's Budget Submission: | 18,480 | 4,801 | 4,923 | 4,770 |
| Adjustments from FY 2003 President's Budget: | | | | |
| Congressional Plus-ups | | 8,500 | | |
| Post-Production R&D Continuation | | | -578 | -690 |
| ACTD offsets | | | -66 | -80 |
| NWCF Rate Adjustments | | | -11 | +6 |
| Cong Recissions/Adjustments/Undist. Reductions | -88 | -151 | | |
| Efficiencies at NWCF Activities | | | -71 | -74 |
| Non-S&T R&D Offset | | | -404 | |
| Pay Raise/Inflation Adjustments | | -169 | -85 | -83 |
| Execution Adjustments | 2,103 | | | |
| SBIR Assessment | -354 | | | |
| FY 2004/2005 President's Budget Submission: | 20,141 | 12 , 981 | 3 , 708 | 3,849 |

PROGRAM CHANGE SUMMARY EXPLANATION:

Schedule: Not applicable Technical: Not applicable

R-1 Line Item 184
Page 2 of 8

DATE: February 2003 FY 2004/2005 RDT&E,N BUDGET ITEM JUSTIFICATION SHEET Exhibit R-2a

BUDGET ACTIVITY: 7 PROGRAM ELEMENT: 0205658N

PROGRAM ELEMENT TITLE: NAVAL FLEET/FORCE TECHNOLOGY

Support INNOVATION OFFICE

Project Title: Laboratory Fleet

Project Number: R0834

COST: (Dollars in Thousands)

PROJECT FY 2002 FY 2003 FY 2004 FY 2005 FY 2006 FY 2007 FY 2008 FY 2009 NUMBER/ ACTUAL ESTIMATE ESTIMATE ESTIMATE ESTIMATE ESTIMATE ESTIMATE ESTIMATE

TITLE

R0834 Naval Fleet/Force Technology Innovation Office

3,849 3,952 4,777 4,685 4,857 6,981 3,708 4,942

A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: The purpose of the Naval Fleet/Force Technology Innovation Office (NFFTIO) is to ensure that the Fleet/Force (F/F) helps shape the Department of the Navy (DoN) investment in Science and Technology (S&T), develop teaming relationships to rapidly demonstrate and transition technology, support development of technology-based capability options for naval forces, and enable warfighting innovations based on technical and conceptual possibilities. This is accomplished through proactive connectivity and collaboration between DoN S&T and Joint, Navy, and Marine Corps commands worldwide. The program accomplishes this through several methods. It provides on-the-spot Science Advisors to Joint, Navy, and Marine Corps operational and strategic planning commands worldwide. In addition, NFFTIO facilitates and disseminates Command Capability Issues (CCIs) provided by the F/F Commanders to the Director of Navy Test and Evaluation and Technology Requirements (OPNAV N091). NFFTIO also collaborates with the F/F to identify specific solutions to known operational capability needs and provides the means to develop and demonstrate prototype systems. The result is that NFFTIO provides insight into issues associated with Naval Warfighting Capabilities, thereby influencing long term Science & Technology (S&T) programs. The program also develops a cadre of civilian scientists and engineers who, upon completion of their NFFTIO Science Advisor tours, return to the Naval technical community with first hand knowledge of the F/F and warfighting issues. NFFTIO enables a continuous collaboration between the warfighters, the technical community, and strategic development commands.

B. ACCOMPLISHMENTS/PLANNED PROGRAM:

| | FY 2002 | FY 2003 | FY 2004 | FY 2005 |
|---|----------------|---------|----------------|---------|
| Naval Fleet/Force Technology Innovation | | | | |
| Office | 6 , 981 | 4,685 | 3 , 708 | 3,849 |

FY 2002 ACCOMPLISHMENTS:

- Facilitated and disseminated the CCIs provided by the F/F Commanders.
- Leveraged investments to provide a total of twenty-five Science Advisors to Joint, Navy, and Marine Corps operational and strategic planning commands worldwide.

R-1 Line Item 184 Page 3 of 8

FY 2004/2005 RDT&E,N BUDGET ITEM JUSTIFICATION SHEET DATE: February 2003 Exhibit R-2a

BUDGET ACTIVITY: 7 PROGRAM ELEMENT: 0205658N Project Number: R0834

PROGRAM ELEMENT TITLE: NAVAL FLEET/FORCE TECHNOLOGY Project Title: Laboratory Fleet

INNOVATION OFFICE Support

• Assisted Science Advisors in obtaining working experience with high-level decision-makers and operators in an effort to develop technologies for transition to the F/F.

- Collaborated with the F/F to identify specific solutions to known operational capability needs and provided the means to develop and demonstrate prototype systems.
- Helped move S&T to the operational F/F rapidly, leveraged long-term S&T investments to meet operational F/F capability needs, and provided a method for the Research, Development, Testing and Evaluation (RDT&E) community to surge in response to real world crises. In FY 2002 this surge capability was formalized through the stand-up of the Naval Research Science & Technology Action Team (NR-STAT).
- Transitioned the technology insertions that were initiated in prior years to operational use and acquisition programs.

FY 2003 PLANS:

- Continue to leverage the investment to provide and support Science Advisors to Joint, Navy, and Marine Corps operational and strategic planning commands worldwide for the remainder of FY03.
- Continue to assist these Science Advisors to obtain experience working with high-level decision-makers and operators to develop technologies for transition to the F/F.
- Continue to collaborate with the F/F to identify specific solutions to known operational capability needs and provide the means to develop and demonstrate prototype systems.
- Continue to help move S&T to the operational F/F rapidly, leverage long-term S&T investments to meet operational F/F capability needs, and provide a method for the RDT&E community to surge in response to real world crises.
- Continue to transition the technology insertions that were initiated in prior years to operational use and acquisition programs.

FY 2004 PLANS:

- Continue to facilitate and disseminate the CCIs provided by the F/F commanders.
- Continue to leverage the investment to provide and support Science Advisors to Joint, Navy, and Marine Corps operational and strategic planning commands worldwide.
- Continue to assist Science Advisors to obtain experience working with high-level decision-makers and operators to develop technologies for transition to the F/F.
- Continue to collaborate with the F/F to identify specific solutions to known operational capability needs and provide the means to develop and demonstrate prototype systems.
- Continue to help move S&T to the operational F/F rapidly, leverage long-term S&T investments to meet operational F/F capability needs, and provide a method for the RDT&E community to surge in response to real world crises.

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Page 4 of 8

FY 2004/2005 RDT&E,N BUDGET ITEM JUSTIFICATION SHEET DATE: February 2003 Exhibit R-2a

BUDGET ACTIVITY: 7 PROGRAM ELEMENT: 0205658N

PROGRAM ELEMENT TITLE: NAVAL FLEET/FORCE TECHNOLOGY Project Title: Laboratory Fleet

INNOVATION OFFICE Support

Project Number: R0834

• Continue to transition the technology insertions that were initiated in prior years to operational use and

FY 2005 PLANS:

- Continue to leverage the investment to provide and support Science Advisors to Joint, Navy, and Marine Corps operational and strategic planning commands worldwide.
- Continue to assist Science Advisors to obtain experience working with high-level decision-makers and operators to develop technologies for transition to the F/F.
- Continue to collaborate with the F/F to identify specific solutions to known operational capability needs and provide the means to develop and demonstrate prototype systems.
- Continue to help move S&T to the operational F/F rapidly, leverage long-term S&T investments to meet operational F/F capability needs, and provide a method for the RDT&E community to surge in response to real world crises.
- Continue to transition the technology insertions that were initiated in prior years to operational use and acquisition programs.

C. OTHER PROGRAM FUNDING SUMMARY:

NAVY RELATED RDT&E:

PE 0601152N In-House Lab Independent Research

PE 0601153N Defense Research Sciences

acquisition programs.

PE 0602114N Power Projection Applied Research

PE 0602123N Force Protection Applied Research

PE 0602131M Marine Corps Landing Force Tech

PE 0602235N Common Picture Applied Research

PE 0602236N Warfighter Sustainment Applied Research

PE 0602271N RF Systems Applied Research

PE 0602435N Ocean Warfighting Environment Applied Research

PE 0602747N Undersea Warfare Applied Research

PE 0602782N Mine & Expeditionary Warfare Applied Research

PE 0603114N Power Projection Advanced Tech

PE 0603123N Force Protection Advance Tech

PE 0603235N Common Picture Advanced Technology

PE 0603236N Warfighter Sustainment Advanced Tech

R-1 Line Item 184
Page 5 of 8

FY 2004/2005 RDT&E,N BUDGET ITEM JUSTIFICATION SHEET DATE: February 2003 Exhibit R-2a

Support

BUDGET ACTIVITY: 7 PROGRAM ELEMENT: 0205658N Project Number: R0834

PROGRAM ELEMENT TITLE: NAVAL FLEET/FORCE TECHNOLOGY Project Title: Laboratory Fleet

INNOVATION OFFICE

PE 0603271N RF Systems Advanced Tech

PE 0603640M MC Advance Tech Demo

PE 0603727N Joint Experimentation

PE 0603729N Warfighter Protection Advanced Tech

PE 0603747N Undersea Warfare Advanced Technology

PE 0603758N Navy Warfighting Experiments & Demo

PE 0603782N Mine & Expeditionary Warfare Advanced Tech

D. ACQUISITION STRATEGY: Not applicable.

R-1 Line Item 184
Page 6 of 8

FY 2004/2005 RDT&E,N BUDGET ITEM JUSTIFICATION SHEET DATE: February 2003 Exhibit R-2a

BUDGET ACTIVITY: 7 PROGRAM ELEMENT: 0205658N

PROGRAM ELEMENT TITLE: NAVAL FLEET/FORCE TECHNOLOGY

INNOVATION OFFICE

Project Number: R0834

Project Title: Laboratory Fleet

Support

CONGRESSIONAL PLUS-UPS:

| R2371 | FY 2002 | FY 2003 |
|--------------------|---------|---------|
| LASH Hyperspectral | 4,131 | N/A |

Funds provided developed the LASH hyperspectral sensor to improve Anti Submarine Warfare metrics by reducing false alarms due to environmental clutter. Improvements to detection algorithms were made through a systematic addressing of the most prevalent false alarm signatures. Testing continued during SEVENTH Fleet exercises, and COMPACFLT was consulted to update the capability metrics. A new hardware processor was designed and installed in LASH units. Overland testing was carried out to determine the value of the sensor for land targets and to discriminate against land clutter.

| R2701 | FY 2002 | FY 2003 |
|------------|---------|---------|
| LASH Study | 4,898 | 1,659 |

Funds provided were used to develop a demonstration program using a subcontracted, commercial airship. The airship is being deployed from Elizabeth City, NC, and St. Augustine, FL. The project is collecting data to determine the value of an airship for Electro-Optical and Infrared (EO/IR) sensing. The LASH sensor has been used onboard the airship for whale monitoring, coral reef oceanography, and for deer surveys on government land. The airship was deployed for force protection during the Marine Corps Marathon in Washington, DC.

| R9111 | FY 2002 | FY 2003 |
|-------------------------------------|---------|---------|
| Littoral/Mine Countermeasures Rapid | 4,131 | 6,637 |
| Response | 4,131 | 0,037 |

Funds provided augmented the development of a hyperspectral based, airborne sensor for near shore minefield classification. Funds incorporated improved Navigation/Stabilization system capabilities into the Pod/Sensor system. Automatic detection algorithm development was continued and supported by flight data. The sensor participated in Exercise Millennium Challenge with the Navy's Very Shallow Water (VSW) Detachment to detect mines in the VSW and Surf Zone. This work continues to be guided by metrics determined in concert with OPNAV, Navy acquisition, and Marine Corps Systems Command. During the Spring of CY03, a feasibility test is planned to determine the new airborne sensor's effectiveness in detecting mines in the surf zone.

R-1 Line Item 184
Page 7 of 8

FY 2004/2005 RDT&E, N BUDGET ITEM JUSTIFICATION SHEET DATE: February 2003

Exhibit R-3

BUDGET ACTIVITY: 7 PROGRAM ELEMENT: 0205658N Project Number: R0834

PROGRAM ELEMENT TITLE: NAVAL FLEET/FORCE TECHNOLOGY Project Title: Laboratory Fleet

INNOVATION OFFICE Support

| Cost Categories | Contract Method & Type | Performing Activity & Location | FY02 Cost | FY-02 Award Date | FY-03 Cost | FY-03 Award Date | FY-04 Cost | FY-04 Award Date | FY-05 Cost | FY-05 Award Date | Cost To Complete | Total Cost | Target Value of Contract |
|---------------------------------|------------------------------|--------------------------------------|-----------|------------------------|---------------|------------------------|---------------|------------------------|---------------|------------------------|---------------------|---------------|--------------------------|
| Product Development | Various | Various | 6,981 | TBD | 4,685 | TBD | 3,708 | TBD | 3,849 | TBD | Cont. | Cont. | Cont. |
| Subtotal Product Development | | | 6,981 | | 4,685 | | 3,708 | | 3,849 | | Cont. | Cont. | Cont. |
| | | | | | | | | | | | | | |
| Total Cost | | | 6,981 | | 4,685 | | 3,708 | | 3,849 | | Cont. | Cont. | Cont. |

R-1 Line Item 184 Page 8 of 8

| EXHIBIT R4, Schedule P | Profile | Not | Appli | cable | · | | | | | | | | | | | | | | | | | | | | DATE | | ebrua | rv 20 | 03 | | | |
|------------------------|---------|-----|-------|-------|---|----|----|---|-------|-------|--------|--------|-------|---------|--------|---|---|----|----|---|------|--------|---------|------|-------|----|-------|--------------|----|-----|----|---|
| APPROPRIATION/BUDGET | ACTIVI | TY | | | | | | | | | | | | R AND | | | | | | | | IECT N | | | D NAM | 1E | | , | | | | |
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| Fiscal Year | | 20 | 02 | | | 20 | 03 | | | 20 | 04 | | | 20 | 05 | | | 20 | 06 | | | 20 | 07 | | | 20 | 80 | | | 200 | 09 | |
| | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 |
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^{*} Not required for Budget Activities 1, 2, 3, and 6

R-1 SHOPPING LIST - Item No. 184

| Exhibit R-4a, Schedule Detail | | | | | | DATE: | Tab | 02 |
|-------------------------------|-------------|-----------------|-----------------|----------|-------------|------------|-------------|---------------|
| Not Applicable | Т | | | | 1 | | February 20 | 03 |
| APPROPRIATION/BUDGET ACTIVITY | PROGRAM E | | | | | MBER AND N | AME | |
| BA7 | 0205658N Na | avy Science Ass | sistance Progra | ım | R0834 LAB F | LT SUPPORT | | |
| Schedule Profile | FY 2001 | | | FY 2004 | FY 2005 | FY 2006 | FY 2007 | FY 2008 |
| Constant Forms | 112001 | 1 1 2002 | 1 1 2000 | 1 1 2001 | 1 1 2000 | 1 1 2000 | 1 1 2007 | 1 1 2000 |
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| EXHIBIT R4, Schedule F | Profile | | Not A | Δnnli | cable | | | | | | | | | | | | | | | | | | | | DATE | | ruar | y 200 | ₹ | | | |
|------------------------|---------|----|-------|-------|-------|-----|----|---|------|------|------|-------|------|-------|---------|----|---|----|-----|---|-------|-------|-------|-------|--------|----|------|--------|---|----|----|---|
| APPROPRIATION/BUDGET | ACTIVI | TY | NOL | чррп | Cable | | | | PROC | SRAM | ELEM | ENT N | UMBE | R AND | NAME | Ē. | | | | | PROJ | ECT N | IUMBE | ER AN | ID NAN | ΛΕ | iuai | y 200. | , | | | |
| BA7 | | | | | | | | | | | | | | | Progran | | | | | | R2371 | | | | | | | | | | | |
| Fiscal Year | | 20 | 02 | | | 200 | 03 | | | 20 | 04 | | | 20 | 05 | | | 20 | 006 | | | 200 | 07 | | | 20 | 800 | | | 20 | 09 | |
| | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 3 4 | 1 | 2 | 3 | 4 |
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R-1 SHOPPING LIST - Item No. 184

 $^{^{\}star}$ Not required for Budget Activities 1, 2, 3, and 6

| Exhibit R-4a, Schedule Detail | | | | | | DATE: | | |
|-------------------------------|-------------|----------------|-----------------|-----------|--------------|---------------|-------------|---------|
| Not Applicable | | | | | | | ebruary 200 | 03 |
| APPROPRIATION/BUDGET ACTIVITY | PROGRAM EI | | | | | MBER AND NA | AME | |
| BA7 | 0205658N Na | vy Science Ass | sistance Progra | ım | R2371 Lash H | Hyperspectral | | |
| Schedule Profile | FY 2001 | | | FY 2004 | FY 2005 | | FY 2007 | FY 2008 |
| Concadio i Tomo | 2001 | 2002 | 2000 | 1 1 200 1 | 2000 | 1 1 2000 | 200. | 2000 |
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| EXHIBIT R4, Schedule P | | | | Not . | Appli | cable | ı | | | | | | | | | | | | | | • | | | | DATE | Febr | uary 2 | 20003 | 3 | | | |
|------------------------|--|----|---|-------|-------|-------|---|---|-------|--------|--------|--------|-------|---------|-------|---|---|----|-----|---|------|--------|------|---|--------|------|--------|-------|---|-----|----|---|
| | CTIVIT | TY | | | | | | | | | ELEMI | | | | | | | | | | | ECT N | | | ID NAN | 1E | | | | | | |
| BA7 | | | | | | | | | 02056 | 558N I | Navy S | cience | Assis | tance I | rogra | m | | | | | R270 | 1 LASH | Stud | У | | | | | | | | |
| Fiscal Year | Not Applicable TION/BUDGET ACTIVITY 2002 20 | | | | | | | | | 20 | 04 | | | 20 | 05 | | | 20 | 006 | | | 200 | 07 | | | 20 | 80 | | | 200 | 09 | |
| | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 |
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R-1 SHOPPING LIST - Item No. 184

 $^{^{\}star}$ Not required for Budget Activities 1, 2, 3, and 6

| Exhibit R-4a, Schedule Detail | DATE: | DATE: | | | | | | | | | | | | |
|-------------------------------|----------------------------------|-----------------|-----------------|------------|---------|---------|---------|---------|--|--|--|--|--|--|
| Not Applicable | February 2003 | | | | | | | | | | | | | |
| APPROPRIATION/BUDGET ACTIVITY | PRIATION/BUDGET ACTIVITY PROJECT | | | | | | | | | | | | | |
| BA7 Schedule Profile | | avy Science Ass | sistance Progra | R2701 LASH | | | | | | | | | | |
| Schedule Profile | FY 2001 | FY 2002 | FY 2003 | FY 2004 | FY 2005 | FY 2006 | FY 2007 | FY 2008 | | | | | | |
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| EXHIBIT R4, Schedule F | Profile | | Not A | Appli | cable | <u> </u> | | | | | | | | | | | | | | | | | | | DATE | : Febr | uary | 2003 | | | | |
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| APPROPRIATION/BUDGET ACTIVITY PROGRAM ELEMENT NUMBER AND NAME PROJECT NUMBER AND | | | | | | | | | | | | | D NAME | | | | | | | | | | | | | | | | | | | |
| BA7 | 0205658N Navy Science Assistance Program R9111 Littoral/MCM Rapid | | | | | | | | | | | id Res | d Response | | | | | | | | | | | | | | | | | | | |
| Fiscal Year | 2002 | | | | 2003 | | | 2004 | | | 2005 | | | 2006 | | | 2007 | | | 2008 | | | | 2009 | | | | | | | | |
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R-1 SHOPPING LIST - Item No. 184

 $^{^{\}star}$ Not required for Budget Activities 1, 2, 3, and 6

| Exhibit R-4a, Schedule Detail | DATE: | | | | | | | | | | | | |
|-------------------------------|---------------------------------|---------|-----------------|---------|------------------------|--|---------|---------|--|--|--|--|--|
| Not Applicable | February 2003 | | | | | | | | | | | | |
| APPROPRIATION/BUDGET ACTIVITY | RIATION/BUDGET ACTIVITY PROJECT | | | | | | | | | | | | |
| BA7 Schedule Profile | 0205658N Na | | sistance Progra | | ral/MCM Rapid Response | | | | | | | | |
| Schedule Profile | FY 2001 | FY 2002 | | FY 2004 | FY 2005 | | FY 2007 | FY 2008 | | | | | |
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