| EXHIBIT R-2, RDT&E Budget Item Justification | | | | | | DATE: | |
|--|---------|---------|---------|-----------------|---------------------|---------|---------|
| , and the second | | | | | | FEBRUA | RY 2006 |
| APPROPRIATION/BUDGET ACTIVITY: | | | | R-1 ITEM NO | MENCLATURE | | |
| RDT&E,N/BA-4 Advanced Component Dev. and Pro | totype | | | 0603611M Marine | e Corps Assault Veh | nicles | |
| COST (\$in Millions) | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 |
| B0020 EXPEDITIONARY FIGHTING VEHICLE (EFV) | | 249.727 | 188.306 | 171.923 | 94.120 | 52.438 | 14.922 |
| 9999 Congressional Add | 1.640 | | | | | | |
| | | | | | | _ | |
| | | | | | | | |
| | | | | | | | |
| Total | 239.152 | 249.727 | 188.306 | 171.923 | 94.120 | 52.438 | 14.922 |

(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

B0020

The Expeditionary Fighting Vehicle (EFV) Program will field a successor to the Marine Corps' current amphibious vehicle, the Assault Amphibious Vehicle Model 7A1 (AAV7A1). The EFV will provide the principal means of tactical surface mobility for the Marine Air Group Task Force (MAGTF) during both ship-to-objective maneuvers and sustained combat operations ashore as part of the Navy and Marine Corps concepts within the Expeditionary Maneuver Warfare capstone. The EFV will provide the Marine Corps with the capability to execute the full spectrum of military missions from humanitarian operations to conventional combat operations. The EFV replaces the AAV7A1 Vehicle, which was originally fielded in the early 1970s. The EFV is a self-deploying, high-water speed, amphibious, armored, tracked vehicle capable of operating in all weather as well as Nuclear, Biological, and Chemical (NBC) environments.

The EFV program is a ACAT-1D program managed by the Marine Corps. The EFV is the next generation of Marine Corps Assault Vehicles being developed to satisfy the requirements of the 21st Century Marine War fighters. Along with the Landing Craft Air Cushion (LCAC) and the MV-22 Osprey, the EFV will provide the Marine Corps with the tactical mobility assets required to spearhead the concepts within the Expeditionary Maneuver Warfare capstone. Acquisition of the EFV is critical to the Marine Corps. The total EFV requirement is for 1,013 weapon systems. The EFV program remains the Marine Corps number one priority ground system acquisition.

The program received approval to enter the Systems Development and Demonstration (SDD) Phase (formerly Engineering and Manufacturing Development) of the acquisition process during the Milestone II Defense Acquisition Board Readiness Meeting held on 26 November 2000. All program exit criteria were successfully met or exceeded. The SDD Phase (2001 through 2007) will include validation of manufacturing and production processes, fabrication and testing of SDD vehicles, and finalizing and implementing the Life Cycle Management for EFV.

The Congressional Add is in project B9636 DISPLAY TECHNOLOGY PROGRAM for Integration & Testing of BETA smart display design efforts.

| EXHIBI | | | DATE: | | | | | | |
|--|-----------------|---------------|-----------------|---------|-------------------|---------------|--------------|-----------|---------|
| | | FEBRUARY | 2006 | | | | | | |
| APPROPRIATION/BUDGET ACTIVITY PROGRAM ELEMENT NUMBER AND NAME PROJECT NUMBER AND | | | | | | | D NAME: | | |
| RDT&E, N /BA-4 Advanced Component Dev. and Prototyp | oes 0603611M Ma | arine Corps A | Assault Vehicle | es | B0020 Expe | ditionary Fig | ghting Vehic | cle (EFV) | |
| | | | | | | | | Cost to | Total |
| COST (\$ in Millions) | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | Complete | Program |
| B0020 EXPEDITIONARY FIGHTING VEHICLE (EFV) | 237.512 | 249.727 | 188.306 | 171.923 | 94.120 | 52.438 | 14.922 | Cont | Cont |
| 9999 CONGRESSIONAL ADD | 1.640 | | | | | | | | |
| ' TOTAL | 239.152 | 249.727 | 188.306 | 171.923 | 94.120 | 52.438 | 14.922 | Cont | Cont |

(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

The Expeditionary Fighting Vehicle (EFV) Program will field a successor to the Marine Corps' current amphibious vehicle, the Assault Amphibious Vehicle Model 7A1 (AAV7A1). The EFV will provide the principal means of tactical surface mobility for the Marine Air Group Task Force (MAGTF) during both ship-to-objective maneuvers and sustained combat operations ashore as part of the Navy and Marine Corps concepts within the Expeditionary Maneuver Warfare capstone. The EFV will provide the Marine Corps with the capability to execute the full spectrum of military missions from humanitarian operations to conventional combat operations. The EFV replaces the AAV7A1 Vehicle, which was originally fielded in the early 1970s. The EFV is a self-deploying, high-water speed, amphibious, armored, tracked vehicle capable of operating in all weather as well as Nuclear, Biological, and Chemical (NBC) environments.

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The program received approval to enter the Systems Development and Demonstration (SDD) Phase (formerly Engineering and Manufacturing Development) of the acquisition process during the Milestone II Defense Acquisition Board Readiness Meeting held on 26 November 2000. All program exit criteria were successfully met or exceeded. The SDD Phase (2001 through 2007) will include validation of manufacturing and production processes, fabrication and testing of SDD vehicles, and finalizing and implementing the Life Cycle Management for EFV.

(U) B. ACCOMPLISHMENTS/PLANNED PROGRAM:

| COST (\$ in Millions) | FY2005 * | FY2006 | FY2007 | |
|-------------------------------------|----------|---------|---------|--|
| Accomplishment/Effort Subtotal Cost | 186.201 | 202.161 | 154.916 | |
| RDT&E Articles Qty | | | | |

(U) Fabrication of SDD phase prototypes. Design development. Developmental Testing. Survivability Program. SDD prototype shakedown testing. Regenerative Filtration Technology, FLIR Thermal Imager, MK46/FLIR Upgrade and Display Technology Program Congressional Adds.

FY05: Continue design development, manufacturing planning, and producibility design enhancements of the EFV(P) and EFV(C) designs. Continue the EFV survivability program. Complete fabrication and delivery of SDD prototypes. Perform tasks for FLIR Thermal Imager, Regenerative Filtration Technology, and the MK 46 Weapons Systems/FLIR upgrade. Integration & Testing of BETA smart display design efforts.

* Note: Includes \$1.640 of Display Technology Program (Congressional Add, Project B9636).

FY06: Continue design development, manufacturing planning, and producibility design enhancements of the EFV(P) and EFV(C) designs. Continue the EFV survivability program. Support Development Testing (DT) and Reliability/Availability/Maintainability (RAM) testing, support MS C Operational Assessment (OA); review and analyze OA results; process, design, and incorporate modifications identified. Procurement of test spares. Refurbishment of SDD vehicles. Development of Integrated Electronic Technical Manuals (IETMs).

FY07: Continue design development, manufacturing planning, and producibility design enhancements of the EFV(P) and EFV(C) designs. Continue the EFV survivability program. Continue test support and design, integration and testing of MS C OA identified modifications. Continue development of Integrated Electronic Technical Manuals (IETMs).

| EXHIBIT R-2a, | , RDT&E Projec | t Justification | | | DATE: | FEBRUARY 2006 |
|---|-----------------|------------------------------|------------------------|-----------|----------------------------|---------------|
| APPROPRIATION/BUDGET ACTIVITY | | ELEMENT NUMBER AND I | | | NUMBER AND NAME: | |
| RDT&E, N /BA-4 Advanced Component Dev. and Prototypes | 0603611M M | arine Corps Assault Vehicle | es | B0020 Exp | peditionary Fighting Veh | icle (EFV) |
| COST (\$ in Millions) | | FY2005 | FY | 2006 | FY2007 | |
| Accomplishment/Effort Subtotal Cost | | 7.234 | 7. | .578 | 8.432 | |
| RDT&E Articles Qty | | | | | | |
| (U) Continue to provide in-house technical support. | | | | | | |
| COST (\$ in Millions) | | FY2005 | FY | 2006 | FY2007 | |
| Accomplishment/Effort Subtotal Cost | | 7.413 | 6 | .090 | 6.545 | |
| RDT&E Articles Qty | | | | | | |
| | | | | | | |
| (U) Continue to provide program support to coordinate and update | te program plan | ning, program analysis, and | l program e | xecution. | | |
| COST (\$ in Millions) | | FY2005 | FY | 72006 | FY2007 | |
| Accomplishment/Effort Subtotal Cost | | 20.611 | 14 | 1.895 | 0.000 | |
| RDT&E Articles Qty | | | | | | |
| (U) Develop training courseware, devices and simulators. FY05: Continue development of EFV training devices/simulators. FY06: Complete development of EFV training devices/simulators and simulators. | | C | ware. | | | |
| COST (\$ in Millions) | | FY2005 | FY | 2006 | FY2007 | |
| Accomplishment/Effort Subtotal Cost | | 17.693 | 19 | 0.003 | 18.413 | |
| RDT&E Articles Qty | | | | | | |
| (U) Ballistic Testing. DT/OT. RAM-D Testing. EOA FY05: Conduct Component Ballistic Testing. Continue DT of SDI FY06: Conduct P Variant Controlled Damaged Testing. Continue FY07: Conduct C Variant Controlled Damaged Testing. Continue | DT of SDD proto | types. Conduct Operational T | Testing. Festing. Cor | | system Level Live Fire Ter | sting. |
| | | | | | | |
| (U) Total \$ | | 239.152 | 24 | 9.727 | 188.306 | |

R-1 SHOPPING LIST - Item No. 56

| EXHIBIT R-2a, RDT&E Project Justification | | | | | | | | | DATE: FEBRUARY 2006 | | |
|--|--|--|---------|---------|---------|---------|---------|-----------|---------------------|-----------|--|
| | TON/BUDGET ACTIVITY PROGRAM ELEMENT NUMBER AND NAME A-4 Advanced Component Dev. and Prototypes PROGRAM ELEMENT NUMBER AND NAME B0020 Expeditionary | | | | | | | D NAME: | | , oo | |
| (U) PROJECT CHANG | GE SUMMARY: | <u>. </u> | | | | | | | | | |
| | | | FY 2005 | FY 2006 | FY 2007 | | | | | | |
| (U) FY 2006 President' | 0 | | 243.058 | 253.675 | 187.456 | | | | | | |
| (U) Adjustments from the | | | | | | | | | | | |
| | Program Adjustments | | -0.186 | -2.652 | | | | | | | |
| (U) SBIR/STTR Tra | | | -5.360 | | | | | | | | |
| | logy Congressional Add | | 1.640 | | | | | | | | |
| (U) Sec. 8026(f) FF | | | | -0.141 | | | | | | | |
| (U) Sec. 8125 Revis | ed Economic Assumption | | | -1.155 | | | | | | | |
| (U) Inflation | | | | | 0.833 | | | | | | |
| (U) CIVPERS Pay I | | | | | 0.017 | | | | | | |
| (U) FY 2007 President' | s Budget: | | 239.152 | 249.727 | 188.306 | | | | | | |
| (U) Schedule:(U) Technical: | Not Applicable Not Applicable | | | | | | | | | | |
| (U) C. OTHER PROG | RAM FUNDING SUMMARY: | | | | | | | | | | |
| Line Item No. & | : Name | FY2005 | FY2006 | FY2007 | FY2008 | FY 2009 | FY 2010 | FY 2011 | To Compl | Total Co | |
| (U) PANMC, BLI #1475 | | 2.462 | 5.662 | 9.524 | 28.789 | 26.278 | 15.581 | 15.957 | 550.206 | 654.45 | |
| (U) PMC BA2, BLI #202 | | 52.457 | 28.747 | 256.204 | 268.444 | 411.766 | 626.815 | 1,073.949 | 6,932.000 | 9,764.06 | |
| (U) PMC BA7 (Spares), | | - | 0.000 | 9.708 | 8.456 | | 17.359 | 43.150 | 378.717 | 470.29 | |
| (U) PMC, | EFV Totals | 52.457 | 28.747 | 265.912 | 276.900 | 424.170 | 644.174 | 1,117.099 | 7,310.717 | 10,234.36 | |
| (U) MILCON P-041 | | - | - | 2.320 | - | - | - | - | | 2.32 | |
| (U) MILCON P-042 | | - | - | - | 22.737 | - | - | - | | 22.73 | |
| (U) MILCON P-417 | | - | - | - | - | 3.016 | - | - | | 3.01 | |
| (U) REMAINING EFV N | | - | - | - | - | - | - | - | 41.428 | 41.42 | |
| (U) MILC | ON, EFV Totals | 0.000 | 0.000 | 2.320 | 22.737 | 3.016 | 0.000 | 0.000 | 41.428 | 69.50 | |
| | | | | | | | | | | | |

| EXHIBIT R-2a, R | DATE: | | | | |
|---|--|--------------------------|----------------------|--|--|
| | | | FEBRUARY 2006 | | |
| APPROPRIATION/BUDGET ACTIVITY | PROGRAM ELEMENT NUMBER AND NAME | PROJECT NUMBER AND NAME: | | | |
| RDT&E, N /BA-4 Advanced Component Dev. and Prototypes | 0603611M Marine Corps Assault Vehicles | B0020 Expeditionary Fig | ghting Vehicle (EFV) | | |

(U) D. ACQUISITION STRATEGY:

The EFV Program acquisition strategy includes the extensive use of test assets, models, simulation, and advanced technology research to optimize vehicle design, reduce Total Ownership Cost (TOC), and control vehicle unit cost. Three fully functional PDRR prototypes were developed and have undergone extensive developmental testing to further vehicle maturity. During the SDD phase of the program, nine prototype vehicles will be manufactured and tested extensively in developmental and operational tests. A tenth vehicle will be manufactured for use during Full Up System Level Lethality testing planned to begin in FY07. Following the LRIP decision review, LRIP vehicles will be delivered in FY08 and FY09 for use during Initial Operational Test and Evaluation (IOT&E). Initial Operational Capability (IOC) and Full Operational Capability (FOC) will occur in FY10 and FY20, respectively.

The EFV management strategy is event driven, designed to ensure a logical progression through the EFV acquisition to reduce risk, ensure affordability, and provide adequate information to decision makers regarding acquisition progress. The EFV Program team is a partnership of government and industry experts, committed to developing the most versatile combat vehicle, providing the optimum balance of combat effectiveness, affordability, innovation, and technology. The program Integrated Product Teams (IPTs), composed of contractors, sub-contractors, Marines, and government civilians, are the foundation of the EFV acquisition management process. The government, prime contractor, and major subcontractors are co-located in a highly integrated communication environment that facilitates proactive decision-making processes and flexible execution of plans to support these teams and product development.

Cost as an independent variable (CAIV) has been institutionalized throughout the program and as such is an integral consideration in all trade studies and decisions. The program has had a highly integrated and extensive test approach since its inception which has included a very strong engineering-model and prototype testing program supported by extensive modeling and simulation techniques which is intended to continue throughout SDD. As a Program Management Oversight for Life Cycle Support pilot program, the program office management strategy includes planning for life cycle support once the system is fielded to more efficiently manage and optimize operating and support requirements and reduce overall program cost.

The program's contracting approach for the EFV is to award the vast majority of the work to one prime contractor, competitively selected in 1996. GDLS operating through its division General Dynamics Amphibious System will be responsible for designing and producing the vehicle and providing support for testing from PDRR through LRIP. Contracts for Government Furnished Property will be kept to a minimum and will include only property which could not otherwise be available to the contractor. Local Area Network support contract is currently provided by an 8(a) firm. Contract support for programmatic and technical support was competitively awarded in September 2003 as a cost plus fixed-fee contract and will continue through FY08. The Life Cycle Support Contract is scheduled for award during FY08 for a portion of the initial operations and maintenance support for the fielded EFVs.

(U) E. MAJOR PERFORMERS:

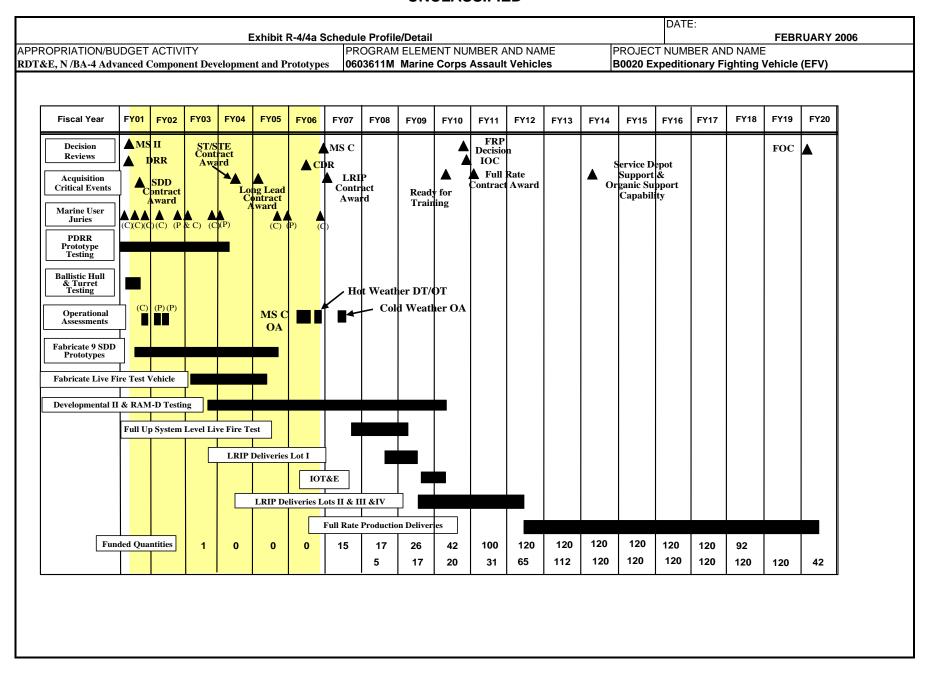
FY 03-07 - General Dynamics, Woodbridge, VA. Validation of manufacturing and production processes, fabrication and testing of SDD vehicles, and finalizing and implementing Life Cycle Management. Awarded Feb 01.

CLASSIFICATION:

| | | | | | | | | DATE: | | | | | |
|--|--|---|--|---|--|---|--|---|------------------------|----------------------|--------------------------|---|---|
| Exhibit R-3 Cost Analysis | | | | | | | | | | FEBRU | ARY 2006 | | |
| APPROPRIATION/BUDGET | ACTIVITY | | PROGRAM | ELEMENT | NUMBER | AND NAME | | PROJECT | NUMBER | AND NAME | | | |
| RDT&E, N /BA-4 Advanced C | omponent D | evelopment and Prototypes | 0603611M | Marine Corp | os Assault | Vehicles | | B0020 Exp | peditionary | Fighting Vehicle (EF | V) | | |
| Cost Categories | Contract | Performing | Total | | FY 05 | | FY 06 | 1 | FY 07 | | Cost to | Total | Target |
| (Tailor to WBS, or Sys/Item | Method | Activity & | PY s | FY 05 | Award | FY 06 | Award | FY 07 | Award | | Complete | Cost | Value of |
| Requirements) | & Type | Location | Cost | Cost | Date | Cost | Date | Cost | Date | | | | Contract |
| PDRR Contract | CPAF | GDLS - PDRR Award | 399.703 | | | | | | | | Cont | C | ont 399.7 |
| SDD Contract | CPAF | GDLS - SDD Award | 680.116 | 177.899 | 1/ | 197.626 | 1/ | 151.466 | 1/ | | Cont | C | ont 1,207.1 |
| Regenerative Filtration | CPAF | Army, Edgewod Chem/Bio Ctr | | 3.327 | 2Q | | | | | | | | 3.3 |
| Survivability Contract | Unknown | NSMA, Arlington, VA | 15.132 | 3.335 | 2Q | 4.535 | 1Q | 3.450 | 1Q | | | | 26.4 |
| Display Technology | TBD | TBD | | 1.640 | 2Q FY06 | | | | | | | | |
| Subtotal Program Dev Spt | | | 1,094.951 | 186.201 | | 202.161 | | 154.916 | | | Cont | C | ont |
| | | DD effort and is incrementally fund | | T | T | | ı | . | _ | | | ı | <u>, </u> |
| Cost Categories | Contract | Performing | Total | | FY 05 | | FY 06 | | FY 07 | | Cost to | Total | Target |
| (Tailor to WBS, or System/Iter | m Method | Activity & | PY s | FY 05 | Award | FY 06 | Award | FY 07 | Award | | Complete | Cost | Value of |
| Requirements) | & Type | Location | Cost | Cost | Date | Cost | Date | Cost | Date | | | | Contract |
| rvedangungung) | G Type | Location | 0000 | 0001 | Date | 0000 | Date | 0000 | | | | | Contract |
| Program Support | с туре | EG&G, Manassas, VA | 23.256 | | Date | 0000 | Date | 0001 | | | Cont | C | ont 24.0 |
| | CPFF | EG&G, Manassas, VA EG&G, Manassas, VA | 23.256 4.173 | 4.212 | | 4.296 | 1-2Q | 4.382 | | | Cont | С | ont 24.0 ont 17.0 |
| Program Support | CPFF | EG&G, Manassas, VA EG&G, Manassas, VA Various Government Contracts | 23.256 | 4.212 3.201 | 1Q 2/ | | 1-2Q 2/ | | | | | C | ont 24.0 ont 17.0 ont |
| Program Support Program Support | 1. | EG&G, Manassas, VA EG&G, Manassas, VA | 23.256 4.173 | 4.212 3.201 | 1Q 2/ | 4.296 | 1-2Q 2/ | 4.382 | 2/ | | Cont | C | ont 24.0 ont 17.0 |
| Program Support Program Support Program Support Training devices/simulators | CPFF | EG&G, Manassas, VA EG&G, Manassas, VA Various Government Contracts | 23.256 4.173 17.602 11.070 | 4.212 3.201 20.611 | 1Q 2/ 2Q | 4.296 1.794 14.895 | 1-2Q 2/ 2Q | 4.382 2.163 0.000 | 2/ | | Cont Cont | C C | ont 24.0 ont 17.0 ont ont 46.7 |
| Program Support Program Support Program Support | CPFF | EG&G, Manassas, VA EG&G, Manassas, VA Various Government Contracts | 23.256 4.173 17.602 | 4.212 3.201 20.611 | 1Q 2/ 2Q | 4.296 1.794 | 1-2Q 2/ 2Q | 4.382 2.163 | 2/ | | Cont Cont | C C | ont 24.0 ont 17.0 ont |
| Program Support Program Support Program Support Training devices/simulators | CPFF | EG&G, Manassas, VA EG&G, Manassas, VA Various Government Contracts | 23.256 4.173 17.602 11.070 | 4.212 3.201 20.611 | 1Q 2/ 2Q | 4.296 1.794 14.895 | 1-2Q 2/ 2Q | 4.382 2.163 0.000 | 2/ | | Cont Cont | C C | ont 24.0 ont 17.0 ont ont 46.7 |
| Program Support Program Support Program Support Training devices/simulators Subtotal Program Support | CPFF CPAF ates. | EG&G, Manassas, VA EG&G, Manassas, VA Various Government Contracts | 23.256 4.173 17.602 11.070 56.101 | 4.212 3.201 20.611 28.024 | 1Q 2/ 2Q | 4.296 1.794 14.895 20.985 | 1-2Q 2/ 2Q | 4.382 2.163 0.000 | 2/ | | Cont Cont | C C | ont 24.0 ont 17.0 ont ont 46.7 |
| Program Support Program Support Program Support Training devices/simulators Subtotal Program Support 2/ Various contract award december 1 | CPFF CPAF ates. Contract | EG&G, Manassas, VA EG&G, Manassas, VA Various Government Contracts GDLS | 23.256 4.173 17.602 11.070 56.101 | 4.212 3.201 20.611 28.024 | 1Q 2/ 2Q | 4.296 1.794 14.895 | 1-2Q 2/ 2Q | 4.382 2.163 0.000 | 2/ | | Cont Cont Cont | C C | ont 24.0 ont 17.0 ont 0nt 46.7 ont 0nt |
| Program Support Program Support Program Support Training devices/simulators Subtotal Program Support 2/ Various contract award decorated Cost Categories | CPFF CPAF ates. Contract | EG&G, Manassas, VA EG&G, Manassas, VA Various Government Contracts GDLS Performing | 23.256 4.173 17.602 11.070 56.101 | 4.212 3.201 20.611 28.024 | 1Q 2/ 2Q FY 05 | 4.296 1.794 14.895 20.985 | 1-2Q 2/ 2Q FY 06 | 4.382 2.163 0.000 6.545 | EY 07 | | Cont Cont Cont Cont | Control Control | ont 24.0 ont 17.0 ont 46.7 ont 46.7 Target |
| Program Support Program Support Program Support Training devices/simulators Subtotal Program Support 2/ Various contract award de Cost Categories (Tailor to WBS, or System/Iter | CPFF CPAF ates. Contract | EG&G, Manassas, VA EG&G, Manassas, VA Various Government Contracts GDLS Performing Activity & | 23.256 4.173 17.602 11.070 56.101 | 4.212 3.201 20.611 28.024 0 | 1Q 2/ 2Q 2Q FY 05 Award Date | 4.296 1.794 14.895 20.985 | 1-2Q 2/ 2Q 2Q FY 06 Award Date | 4.382 2.163 0.000 6.545 | FY 07 Award Date | | Cont Cont Cont Cont | Con | ont 24.0 ont 17.0 ont 46.7 ont 46.7 Target Value of |
| Program Support Program Support Program Support Training devices/simulators Subtotal Program Support 2/ Various contract award de Cost Categories (Tailor to WBS, or System/Iter | CPFF CPAF ates. Contract Method & Type | EG&G, Manassas, VA EG&G, Manassas, VA Various Government Contracts GDLS Performing Activity & Location | 23.256 4.173 17.602 11.070 56.101 Total PY s Cost | 4.212 3.201 20.611 28.024 0 | 1Q 2/ 2Q 2Q FY 05 Award Date | 4.296 1.794 14.895 20.985 FY 06 Cost | 1-2Q 2/ 2Q 2Q FY 06 Award Date | 4.382 2.163 0.000 6.545 FY 07 Cost | FY 07 Award Date | | Cont Cont Cont Cont Cont | Con | ont 24.0 ont 17.0 ont 46.7 ont 46.7 Target Value of Contract |

3/ Various contract award dates.

CLASSIFICATION: DATE: Exhibit R-3 Cost Analysis FEBRUARY 2006 PROJECT NUMBER AND NAME APPROPRIATION/BUDGET ACTIVITY PROGRAM ELEMENT NUMBER AND NAME RDT&E, N /BA-4 Advanced Component Development and Prototypes 0603611M Marine Corps Assault Vehicles B0020 Expeditionary Fighting Vehicle (EFV) FY 05 FY 07 Cost Categories Contract Performing Total FY 06 Cost to Total Target (Tailor to WBS, or System/Item Method Activity & PY s FY 05 Award FY 06 Award FY 07 Complete Value of Award Cost & Type Cost Cost Date Contract Requirements) _ocation Cost Date Cost Date In-house technical support Various Government Labs 77.608 5.198 4/ 5.570 4/ 6.202 4/ Cont Cont Mgmt & Prof Support MITRE CORP, McClean, VA 11.526 2.036 1Q 2.008 2.230 1Q 1Q Cont Cont Subtotal Management 89.134 7.234 7.578 8.432 Cont Cont Remarks: 4/ Various contract award dates. Total Cost 1,280.132 239.152 249.727 188.306 Cont Cont



| | | | | | | | DATE: | | | | | | |
|--|----------|------------|-----------|------------|---------|-----------|-------------------|-----------|---------------|---------|--|--|--|
| Exhibit R-4/4a Schedule Profile/Detail APPROPRIATION/BUDGET ACTIVITY PROGRAM ELEMENT NUMBER AND NAME PROJECT N | | | | | | | | | FEBRUARY 2006 | | | | |
| APPROPRIATION/BUDGET ACTIVITY | | | | | | | T NUMBER AND NAME | | | | | | |
| RDT&E, N /BA-4 Advanced Component Development and Prototypes | 0603611M | Marine Cor | ps Assaul | t Vehicles | 1 | B0020 Exp | peditionary | cle (EFV) | | | | | |
| SCHEDULE DETAIL | | | FY 2004 | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | | | |
| MS C | | | | | 4Q | | | | | | | | |
| FRP Decision | | | | | | | | | 4Q | | | | |
| IOC | | | | | | | | | 4Q | | | | |
| PDRR Prototype Testing | | | 1-2Q | | | | | | | | | | |
| Operational Assessments | | | | | 2-4Q | 2Q | | | | | | | |
| Fabrication of 9 Prototypes | | | 1-4Q | 1-3Q | | | | | | | | | |
| Fabricate Live Fire Test Vehicle | | | 1-4Q | 1-2Q | | | | | | | | | |
| Developmental II & RAM-D Testing | | | 1-4Q | 1-4Q | 1-4Q | 1-4Q | 1-4Q | 1-4Q | 1-2Q | | | | |
| CDR | | | | | 2Q | | | | | | | | |
| LRIP Contract Award | | | | | | 1Q | | | | | | | |
| Full Up System Level Live Fire Test | | | | | | 3-4Q | 1-4Q | 1-2Q | | | | | |
| LRIP Deliveries Lot 1 | | | | | | | 3-4Q | 1-3Q | | | | | |
| IOT&E | | | | | | | | 3-4Q | 1-2Q | | | | |
| Ready for Training | | | | | | | | | 2Q | | | | |
| LRIP Deliveries Lots II & III & IV | | | | | | | | 3-4Q | 1-4Q | 1-4Q | | | |
| Full Rate Contract Award | | | | | | | | | | 1Q | | | |