

**CLASSIFICATION:**

EXHIBIT R-2, RDT&E Budget Item Justification					DATE: February 2005				
APPROPRIATION/BUDGET ACTIVITY RDT&E, N /BA-7 Operational Sys Dev		PROGRAM ELEMENT (PE) NAME AND NO. 0206624M Marine Corps Combat Services Support							
COST (\$ in Millions)		FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Total PE Cost		24.663	16.109	10.476	13.440	13.031	3.982	2.654	2.725
C0076 Medium Tactical Vehicle Replacement (MTVR)		0.101	2.438	0.794	0.000	0.000	0.000	0.000	0.000
*C0201 Logistical Vehicle System Replacement (LVSr)		10.846	9.210	1.468	5.115	1.109	0.915	0.000	0.000
C2316 Combat Service Support Engineering Equipment		10.907	1.964	3.428	0.518	0.529	0.536	0.548	0.559
C2509 Motor Transport Modernization		0.530	0.440	0.454	0.558	0.578	0.591	0.604	0.617
C2929 Testing Measuring Diagnostic Equip (TMDE) & SE		2.279	1.066	4.332	7.249	10.815	1.940	1.502	1.549
C9645 Battlefield Management System		0.000	0.991	0.000	0.000	0.000	0.000	0.000	0.000
Quantity of RDT&E Articles									
<b>(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:</b> This program element (PE) provides funding for Marine Air-Ground Task Force requirements for Combat Service Support equipment improvement. It will enhance combat breaching capabilities of the ground combat elements, logistics, maintenance and transportation requirements. It will also determine the reconfiguration of the current Twin Agent Unit firefighting apparatus and provide a portable, highly mobile general-purpose automatic tester designed for use by technicians in the garrison and at the forward edge of the battlefield.  The PE also provides improvements in all areas of Combat Service Support Equipment Vehicles by determining the replacement for the heavy, medium and light fleet vehicles. Alternative Power Sources for Communications Equipment (APSCE) is a suite of devices that provides the commander with the capability to use existing power to operate his communication equipment, computers and peripheral equipment instead of using batteries or fossil fuel generators. The Marine Corps Family of Automatic Test Systems (ATS), formerly TETS, provides automatic testing capability for use by technicians both in garrison and forward edge of Battlefield.  *\$4.488M of FY05 funds will forward finance FY06.									

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EXHIBIT R-2, RDT&E Budget Item Justification		DATE:	February 2005	
APPROPRIATION/BUDGET ACTIVITY <b>RDTE, N /BA-7 Operational Sys Dev</b>		PROGRAM ELEMENT (PE) NAME AND NO. <b>0206624M Marine Corps Combat Services Support</b>		
<b>B. PROGRAM CHANGE SUMMARY</b>				
	FY2004	FY2005	FY2006	FY2007
<b>(U) FY 2005 President's Budget:</b>	<b>20.493</b>	<b>10.731</b>	<b>9.380</b>	<b>6.636</b>
(U) Adjustments from the President's Budget:				
(U) Congressional/OSD Program Reductions				
(U) Congressional Rescissions				
(U) Congressional Increases				
(U) POM 06 Core Adjustment				
(U) Reprogrammings	4.404	4.488	2.804	6.028
(U) SBIR/STTR Transfer	-0.234		2.624	0.855
(U) Minor Affordability Adjustment		-0.11	-4.332	-0.079
<b>(U) FY 2006 President's Budget:</b>	<b>24.663</b>	<b>16.109</b>	<b>10.476</b>	<b>13.440</b>
CHANGE SUMMARY EXPLANATION:				
(U) Funding: See Above.				
(U) Schedule: Not Applicable.				
(U) Technical: Not Applicable.				

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EXHIBIT R-2a, RDT&E Project Justification						DATE: February 2005			
APPROPRIATION/BUDGET ACTIVITY		PROGRAM ELEMENT NUMBER AND NAME			PROJECT NUMBER AND NAME				
RDT&E, N /BA-7 Operational Sys Dev		0206624M Marine Corps Combat Services Support			C0201 Logistical Vehicle System Replacement (LVSR)				
COST (\$ in Millions)		FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Project Cost		10.846	9.210	1.468	5.115	1.109	0.915	0.000	0.000
RDT&E Articles Qty		6	2	1					
<b>(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:</b> The Logistical Vehicle System Replacement (LVSR) program will replace the current Logistical Vehicle System (LVS) fleet. This vehicle will increase mobility, maintainability, and reliability for the heavy fleet, while increasing off-road payload. Three LVSR variants will replace the current five LVS variants. The cargo variant will be fielded prior to the LVSR 5th Wheel and Wrecker variants which will be options on the LVSR cargo variant production contract. The Flatrack Refueling Capability (FRC) program will replace the M970 Semi-Trailer refueling in both the Force Service Support Group (FSSG) and the Marine Air Wings (MAWs) for ground refueling missions.									
<b>(U) B. ACCOMPLISHMENTS/PLANNED PROGRAM:</b>									
COST (\$ in Millions)		FY 2004	FY 2005	FY 2006	FY 2007				
Accomplishment/Effort Subtotal Cost		0.000	3.667	0.000	3.667				
RDT&E Articles Qty									
<b>LVSR: Developmental Test and Evaluation.</b>									
COST (\$ in Millions)		FY 2004	FY 2005	FY 2006	FY 2007				
Accomplishment/Effort Subtotal Cost		0.050	0.055	0.046	0.561				
RDT&E Articles Qty									
<b>LVSR: Program Management and Support / Contract Support.</b>									
COST (\$ in Millions)		FY 2004	FY 2005	FY 2006	FY 2007				
Accomplishment/Effort Subtotal Cost		10.642	4.488	0.000	0.000				
RDT&E Articles Qty		6	2						
<b>LVSR: Procure Prototypes.</b> (FY06 RDT&E Articles Qty's are 5th Wheel and Wrecker Variants)									

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EXHIBIT R-2a, RDT&E Project Justification			DATE:	
			February 2005	
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND NAME		
RDT&E, N /BA-7 Operational Sys Dev	0206624M Marine Corps Combat Services Support	C0201 Logistical Vehicle System Replacement (LVSr)		
COST (\$ in Millions)	FY 2004	FY 2005	FY 2006	FY 2007
Accomplishment/Effort Subtotal Cost	0.154	1.000	0.000	0.000
RDT&E Articles Qty				
LVSr: Engineering Support.				
COST (\$ in Millions)	FY 2004	FY 2005	FY 2006	FY 2007
Accomplishment/Effort Subtotal Cost	0.000	0.000	0.022	0.438
RDT&E Articles Qty				
FRC: Provide Program Management and support.				
COST (\$ in Millions)	FY 2004	FY 2005	FY 2006	FY 2007
Accomplishment/Effort Subtotal Cost	0.000	0.000	1.400	0.210
RDT&E Articles Qty				
FRC: Prototype Development.				
COST (\$ in Millions)	FY 2004	FY 2005	FY 2006	FY 2007
Accomplishment/Effort Subtotal Cost	0.000	0.000	0.000	0.239
RDT&E Articles Qty				
FRC: Developmental Test and Evaluation				
(U) Total \$	10.846	9.210	1.468	5.115

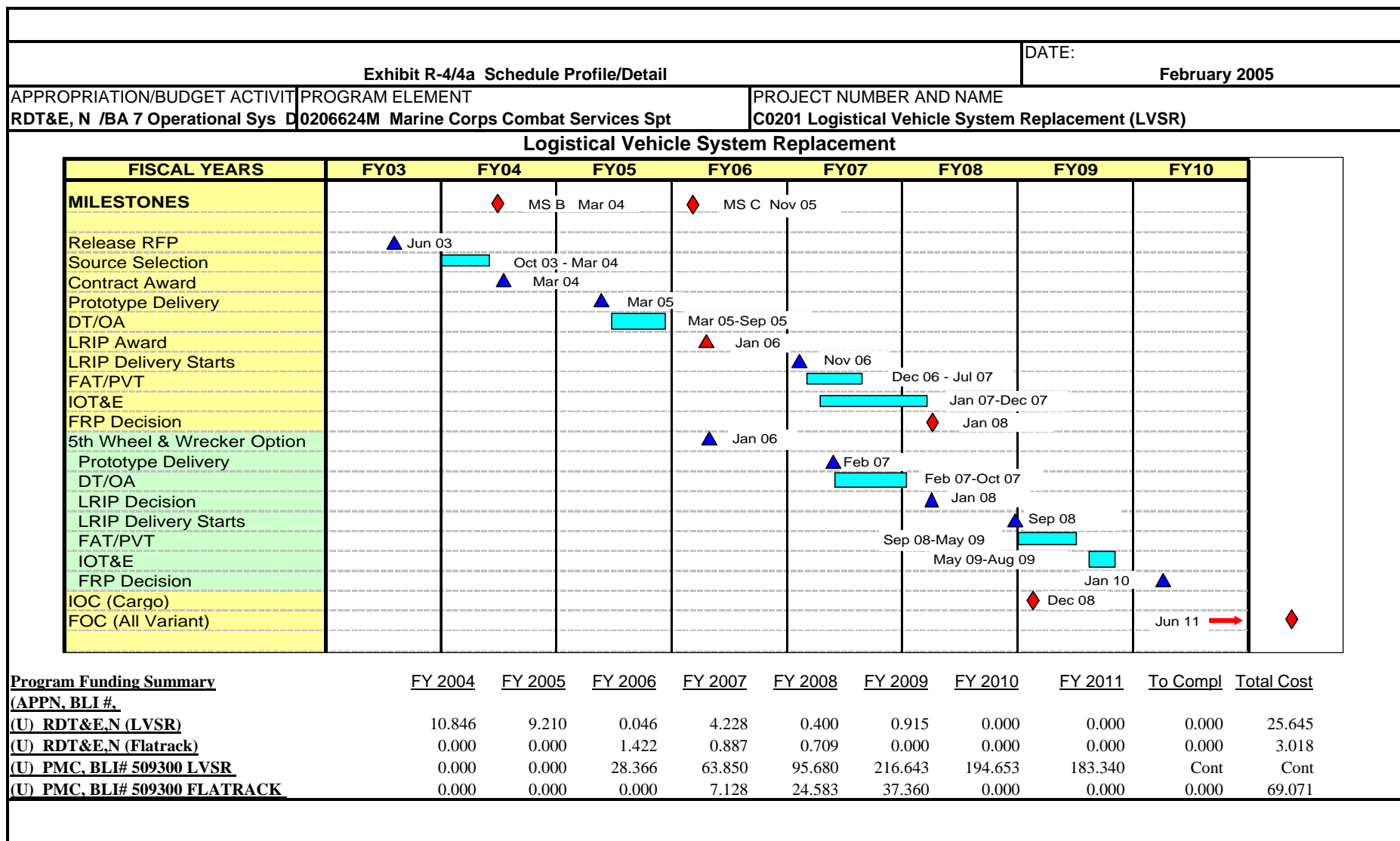
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EXHIBIT R-2a, RDT&E Project Justification						DATE: February 2005					
APPROPRIATION/BUDGET ACTIVITY		PROGRAM ELEMENT NUMBER AND NAME				PROJECT NUMBER AND NAME					
RDT&E, N /BA-7 Operational Sys Dev		0206624M Marine Corps Combat Services Support				C0201 Logistical Vehicle System Replacement (LVSR)					
(U) Project Change Summary		FY2004	FY2005	FY2006	FY2007						
(U) FY2005 President's Budget		8.872	4.767	6.201	4.415						
(U) Adjustments from the President's Budget:											
(U) Congressional/OSD Program Reductions											
(U) Congressional Rescissions											
(U) Congressional Increases											
(U) Reprogrammings		1.991	4.488	-0.377	0.854						
(U) SBIR/STTR Transfer		-0.017									
(U) Minor Affordability Adjustment			-0.045	-4.356	-0.154						
(U) FY 2006 President's Budget:		10.846	9.210	1.468	5.115						
CHANGE SUMMARY EXPLANATION:											
(U) Funding: Change in FY04 funding id due to SBIR support.											
Change in funding in FY05-FY07 represent reprioritizing of efforts within the USMC.											
(U) Schedule: Not Applicable.											
(U) Technical: Not Applicable.											
(U) C. OTHER PROGRAM FUNDING SUMMARY:											
<u>Line Item No. &amp; Name</u>		<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>	<u>To Compl</u>	<u>Total Cost</u>
(U) PMC Line (BLI# 509300) FlatRack		0.000	0.000	0.000	7.128	24.583	37.360	0.000	0.000	0.000	69.071
(U) PMC Line (BLI# 509300) LVSR		0.000	0.000	28.366	63.850	95.680	216.643	194.653	183.340	Cont	Cont
(U) Related RDT&E:											
(U) PE 0206623M Marine Corps Ground Combat Supporting Arms Systems											
(U) PE 0603640M Marine Corps Advanced Technology Demonstration											
(U) PE 0604804A Logistics and Engineering Equip/Engr Development											
(U) PE 0206313M Marine Corps Communications											
Development and Demonstration (SD&D) phase up to two contracts will be awarded to procure prototypes for developmental testing. The winner of the SD&D phase will be awarded a production contract to produce Low Rate Initial Production (LRIP) vehicles for operational testing. The other two LVSR variants, the 5th Wheel and Wrecker variants will be designed, built and tested under the LVSR cargo production contract.											
(U) D. ACQUISITION STRATEGY: The Flatrack Refueling Capability (FRC) program will consist of two separate phases. During the first phase, the System Development and Demonstration (SD&D) phase one contract will be awarded to procure prototypes for developmental testing. The winner of the SD&D phase will be awarded a production contract to produce LRIP vehicles for operational testing.											
(U) E. MAJOR PERFORMERS:											
Mar '04	American Truck Corp	3 Vehicle Prototypes									
Mar '04	Oshgosh Truck Corp	3 Vehicle Prototypes									

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Exhibit R-3 Cost Analysis							DATE: February 2005							
APPROPRIATION/BUDGET ACTIVITY			PROGRAM ELEMENT				PROJECT NUMBER AND NAME							
RDT&E, N /BA 7 Operational Sys Dev			0206624M Marine Corps Combat Services Spt				C0201 Logistical Vehicle System Replacement (LVSR)							
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 04 Cost	FY 04 Award Date	FY 05 Cost	FY 05 Award Date	FY 06 Cost	FY 06 Award Date	FY 07 Cost	FY 07 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Source Selection	RCP	MCSC Quantico, VA	0.240									0.000	0.240	0.240
LVSR Prototypes	RCP	ATC, McLean, VA	0.000	5.300	03/04	2.100	09/05	0.000	0/00	0.000	11/06	Cont	Cont	
LVSR Prototypes	RCP	Oshkosh, Oshkosh, WI	0.000	5.342	03/04	2.388	09/05	0.000	00/00				7.730	8.385
FRC Prototypes	RCP	Oshkosh, Oshkosh, WI	0.000	0.000	00/00			1.400	11/05	0.210	11/06	0.000	1.610	1.610
Subtotal Product Dev			0.240	10.642		4.488		1.400		0.210		0.000	16.980	
Remarks:														
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 04 Cost	FY 04 Award Date	FY 05 Cost	FY 05 Award Date	FY 06 Cost	FY 06 Award Date	FY 07 Cost	FY 07 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Modeling & Simulation	RCP	NSWC, Carderock, MD	0.205									0.000	0.205	0.205
FRC Developmental T&E	TBD	TBD								0.239	12/06	0.000	0.239	0.239
Subtotal Support			0.205	0.000		0.000		0.000		0.239		0.000	0.444	0.444
Remarks:														
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 04 Cost	FY 04 Award Date	FY 05 Cost	FY 05 Award Date	FY 06 Cost	FY 06 Award Date	FY 07 Cost	FY 07 Award Date	Cost to Complete	Total Cost	Target Value of Contract
LVSR Operational T&E	TBD	TBD	0.000			3.667	03/05			3.667	12/06	Cont	Cont	
Subtotal T&E			0.000	0.000		3.667		0.000		3.667		Cont	Cont	
Remarks:														
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 04 Cost	FY 04 Award Date	FY 05 Cost	FY 05 Award Date	FY 06 Cost	FY 06 Award Date	FY 07 Cost	FY 07 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Engineer & Tech Support	RCP	MCSC Quantico, VA	0.667	0.154	01/04							0.000	0.821	0.771
Subtotal Support			0.667	0.154		0.000		0.000		0.000		0.000	0.821	0.771
Remarks:														
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 04 Cost	FY 04 Award Date	FY 05 Cost	FY 05 Award Date	FY 06 Cost	FY 06 Award Date	FY 07 Cost	FY 07 Award Date	Cost to Complete	Total Cost	Target Value of Contract
LVSR Contractor Suppt	RCP	Sverdrup, Dumfries, VA	3.579			0.500	10/04			0.500	10/06	Cont	Cont	
LVSR Prgrm Mgmnt Spt	WR	MCSC Quantico, VA	0.080	0.050	10/03	0.555	10/04	0.046	10/05	0.061	10/06	Cont	Cont	
FRC Prgrm Mgmnt Spt	WR	MCSC Quantico, VA	0.000					0.022	10/05	0.438	10/06	Cont	Cont	
Subtotal Management			3.659	0.050		1.055		0.068		0.999		Cont	Cont	
Remarks:														
Total Cost			4.771	10.846		9.210		1.468		5.115		Cont	Cont	

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Exhibit R-4/4a Schedule Profile/Detail							DATE: February 2005		
APPROPRIATION/BUDGET ACTIVITY				PROGRAM ELEMENT		PROJECT NUMBER AND NAME			
RDT&E, N /BA 7 Operational Sys				D0206624M Marine Corps Combat Services Spt		C0201 Logistical Vehicle System Replacement (LVSR)			

LVSR SCHEDULE DETAIL	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Release RFP	3Q								
Source Selection		1-2Q							
Contract Award		2Q							
Prototype Delivery			2Q						
DT/OA			2-4Q						
LRIP Delivery					1Q				
FAT					1-4Q				
IOT&E					2Q	1Q			
FRP Decision						2Q			
5th Wheel/Wrecker Option				2Q					
Prototype Delivery					2Q				
DT/OA					2Q	1Q			
LRIP Delivery						4Q			
FAT						4Q	3Q		
FRP Decision								2Q	
IOC							1Q		
FOC									3Q



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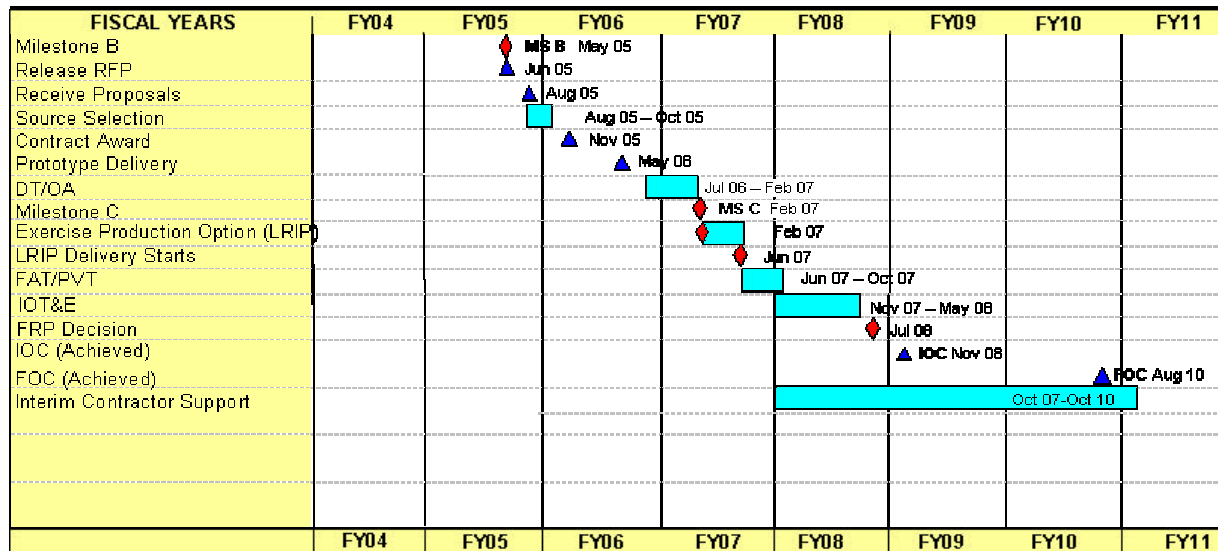
February 2005

Exhibit R-4/4a Schedule Profile/Detail

APPROPRIATION/BUDGET ACTIVITY PROGRAM ELEMENT  
 RDT&E, N /BA 7 Operational Sys D0206624M Marine Corps Combat Services Spt

PROJECT NUMBER AND NAME  
 C0201 Logistical Vehicle System Replacement (LVSR)

### Flatrack Refueling Capability FRC



#### Program Funding Summary

(APPN, BLI #,

NOMEN)

	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Compl	Total Cost
(U) RDT&E,N (LVSR)	10.846	9.210	0.046	4.228	0.400	0.915	0.000	0.000	0.000	25.645
(U) RDT&E,N (Flatrack)	0.000	0.000	1.422	0.887	0.709	0.000	0.000	0.000	0.000	3.018
(U) PMC, BLI# 509300 LVSR	0.000	0.000	28.366	63.850	95.680	216.643	194.653	183.340	Cont	Cont
(U) PMC, BLI# 509300 FLATRACK	0.000	0.000	0.000	7.128	24.583	37.360	0.000	0.000	0.000	69.071

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<b>Exhibit R-4/4a Schedule Profile/Detail</b>			DATE: <b>February 2005</b>	
APPROPRIATION/BUDGET ACTIVIT	PROGRAM ELEMENT	PROJECT NUMBER AND NAME		
<b>RDT&amp;E, N /BA 7 Operational Sys</b>	<b>D0206624M Marine Corps Combat Services Spt</b>	<b>C0201 Logistical Vehicle System Replacement (LVSr)</b>		

FLATRACK SCHEDULE DETAIL	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Release RFP	3Q						
Source Selection	4Q						
Contract Award		1Q					
Prototype Delivery		3Q					
DT/OA		4Q	1-2Q				
LRIP Delivery			3Q				
FAT			3-4Q	1Q			
IOT&E				1-3Q			
FRP Decision				4Q			
IOC Achieved					1Q		
FOC Achieved						4Q	
Interim contractor Support				2-4Q	1-4Q	1-4Q	1-2Q

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EXHIBIT R-2a, RDT&E Project Justification						DATE: February 2005				
APPROPRIATION/BUDGET ACTIVITY		PROJECT NUMBER AND NAME								
RDT&E, N /BA-7 Operational Sys Dev		C2316 Combat Services Support Engineering Equipment								
0206624M Marine Corps Combat Services Spt										
COST (\$ in Millions)	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011		
Project Cost	10.907	1.964	3.428	0.518	0.529	0.536	0.548	0.559		
RDT&E Articles Qty										
<b>(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:</b>										
<p><b>A.</b> This project includes improvements in all areas of Combat Service Support Engineering Equipment. The Assault Breacher Vehicle (ABV) will be a fully tracked, armored combat engineer vehicle capable of keeping pace with the maneuver force. It will breach minefields with Marine Corps integrated items to include a full width mine plow, two line charges, remote control kit, weapons station and lane marking system. The ABV is a survivable combat system which will enhance the combat breaching capabilities of the ground combat elements. The overall system is integrated on the ABRAMS tank chassis to provide commonality with the tank fleet while providing the latest technology in armor protection. It will provide capabilities to breach minefields and complex obstacles.</p>										
<b>(U) B. ACCOMPLISHMENTS/PLANNED PROGRAM:</b>										
COST (\$ in Millions)	FY 2004	FY 2005	FY 2006	FY 2007						
Accomplishment/Effort Subtotal Cost	0.641	0.000	0.000	0.000						
RDT&E Articles Qty										
<p><b>ABV:</b> Technical manuals and drawings, travel and management support. Support and management includes obtaining safety certification from the Weapons Systems Explosive Safety Review Board (WSESRB).</p>										
COST (\$ in Millions)	FY 2004	FY 2005	FY 2006	FY 2007						
Accomplishment/Effort Subtotal Cost	2.586	0.000	0.000	0.000						
RDT&E Articles Qty										
<p><b>ABV:</b> Developmental testing.</p>										
COST (\$ in Millions)	FY 2004	FY 2005	FY 2006	FY 2007						
Accomplishment/Effort Subtotal Cost	0.000	0.000	0.000	0.000						
RDT&E Articles Qty										
<p><b>ABV:</b> Integration of the line charges, lane-marking system, weapons station, remote control kit, &amp; full width mine plow onto the modified M1 Tank Chassis. Build three (3) LRIP vehicles for OT&amp;E. One demonstrator will be used as a configuration control vehicle for the development, tech manuals and drawings for the three LRIP vehicles.</p>										
COST (\$ in Millions)	FY 2004	FY 2005	FY 2006	FY 2007						
Accomplishment/Effort Subtotal Cost	1.000	0.000	0.000	0.000						
RDT&E Articles Qty										
<p><b>ABV:</b> Operational testing, vulnerability/survivability testing, and Reliability, Availability and Maintainability (RAM) testing of the ABV.</p>										
COST (\$ in Millions)	FY 2004	FY 2005	FY 2006	FY 2007						
Accomplishment/Effort Subtotal Cost	0.252	1.474	0.000	0.000						
RDT&E Articles Qty										
<p><b>ABV:</b> Conduct a limited user test and Operational Test &amp; Evaluation.</p>										
COST (\$ in Millions)	FY 2004	FY 2005	FY 2006	FY 2007						
Accomplishment/Effort Subtotal Cost	5.998	0.000	0.000	0.000						
RDT&E Articles Qty										
<p><b>MIAI Firepower Enhancement:</b> Conduct comparative assessments of competing designs and conducted system design review to finalize system performance specification. Perform final integration and prove out. Perform engineering and manufacturing development (EMD) phase activities. Procure test articles; conduct developmental and operational test and evaluation; pre-production technical reviews/audits, and logistical support development in planning for production.</p>										

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EXHIBIT R-2a, RDT&E Project Justification					DATE: February 2005	
APPROPRIATION/BUDGET ACTIVITY			PROJECT NUMBER AND NAME			
RDT&E, N /BA-7 Operational Sys Dev			0206624M Marine Corps Combat Services Spt			
COST (\$ in Millions)			FY 2004	FY 2005	FY 2006	FY 2007
Accomplishment/Effort Subtotal Cost			0.430	0.490	0.428	0.518
RDT&E Articles Qty						
M1A1 Armor Mods: Continue joint participation and evaluation of prospective modifications including component enhancements, advanced fire control systems, survivability systems, Combat Identification, mobility and others.						
COST (\$ in Millions)			FY 2004	FY 2005	FY 2006	FY 2007
Accomplishment/Effort Subtotal Cost			0.000	0.000	2.100	0.000
RDT&E Articles Qty						
Expeditionay Assault Bridge (EAB): Begin system integration with M60A1 tank chassis bridge launcher, M1A1 tank chassis and MLC 70 assault bridge to build first article EAB demonstrator. EAB is armored vehicle used for rapidly employing, short-gap, assault crossing system, capable of spanning natural and manmade obstacles up to 60 feet (18.29) while under fire for up to Military Load Class (MLC) 70-ton vehicles. The EAB consists of a rebuilt and upgraded M1A1 Tank chssis with existing MLC70 scissors bridge and a commercial launcher. The EAB will provide the MAGTF with the capability to conduct assault and tactical wet and dry gap crossings in all types of climate and terrain, including slopes, trenches and vertical steps. The M1A1 based launcher will provide the suvivability, maintainability and maneuverability required to keep pace with the maneuver force.						
COST (\$ in Millions)			FY 2004	FY 2005	FY 2006	FY 2007
Accomplishment/Effort Subtotal Cost			0.000	0.000	0.500	0.000
RDT&E Articles Qty						
EAB: Program management and engineering support.						
COST (\$ in Millions)			FY 2004	FY 2005	FY 2006	FY 2007
Accomplishment/Effort Subtotal Cost			0.000	0.000	0.400	0.000
RDT&E Articles Qty						
EAB: Conduct developmental testing and evaluation.						
(U) Total \$			10.907	1.964	3.428	0.518
(U) PROJECT CHANGE SUMMARY:						
	FY2004	FY2005	FY2006	FY2007		
(U) FY 2005 President's Budget:	7.660	1.984	0.513	0.531		
(U) Adjustments from the President's Budget:						
(U) Congressional/OSD Program Reductions						
(U) Congressional Rescissions						
(U) Congressional Increases						
(U) Reprogrammings	3.404		3.000			
(U) SBIR/STTR Transfer	-0.157					
(U) Minor Affordability Adjustments		-0.020	-0.085	-0.013		
(U) FY 2006 President's Budget:	10.907	1.964	3.428	0.518		
CHANGE SUMMARY EXPLANATION:						
(U) Funding: Increase funding in FY04 & FY06 due to increases from lower priority Marine Corps Programs.						
(U) Schedule: Not Applicable.						
(U) Technical: Not Applicable.						

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## EXHIBIT R-2a, RDT&E Project Justification

DATE: February 2005

### APPROPRIATION/BUDGET ACTIVITY

RDT&E, N /BA-7 Operational Sys Dev

0206624M Marine Corps Combat Services Spt

### PROJECT NUMBER AND NAME

C2316 Combat Services Support Engineering Equipment

### (U) C. OTHER PROGRAM FUNDING SUMMARY:

Line Item No. & Name	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Compl	Total Cost
(U) PMC Line (BLI# 613300)- ABV	0.000	8.090	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.090
(U) PMC Line (BLI# 652000)EOD Sys- ABV	0.000	0.000	62.782	32.861	0.000	0.000	0.000	0.000	0.000	95.643
(U) PMC Line (BLI# 651800) Amphib SE- EAB	0.000	0.000	0.000	0.000	7.017	11.940	2.583	2.638	0.000	24.178
(U) PMC (BLI#206300) Mod Kits (M1A1 Mod Kits)	2.597	3.848	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.617
(U) PMC (BLI#206300) Safety Mods (M1A1)	0.971	3.110	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.093
(U) PMC (BLI#206100) Mod Kits (M1A1 Mod Kits)	0.000	0.000	3.919	4.005	4.141	4.234	4.333	4.442	Cont	Cont
(U) PMC (BLI#206100) Safety Mods (M1A1)	0.000	0.000	3.272	3.261	3.162	1.641	1.712	1.743	Cont	Cont
(U) PMC (BLI#209500) M1A1 FEP (M1A1)	3.725	36.731	33.454	18.083	25.883	0.000	0.000	0.000	0.000	117.876

### (U) Related RDT&E:

- (U) PE 0206623M Marine Corps Ground Combat Supporting Arms Systems
- (U) PE 0603640M Marine Corps Advanced Technology Demonstration
- (U) PE 0604804A Logistics and Engineering Equip/Engr Development
- (U) PE 0206313M Marine Corps Communications

### (U) D. ACQUISITION STRATEGY:

(U) The **M1A1 Tank MOD** and **Safety Mods** Program leverages Army developmental programs to create a system that more readily meets Marine Corps requirements. Modification includes safety, reliability, and technology up-upgrades to meet Marine Corps requirements. M1A1 Tank Mods will exercise options on existing contracts of varying types to conduct research and analysis associated with the development of modifications to the M1A1 Tank and supporting platforms. M1A1 Tank Firepower Enhancement - Competitively Awarded 2 Cost Plus Firm Fixed contracts to conduct parallel design, integration and demonstration of Non-Developmental Item (NDI) technology for the M1A1 Tank Firepower Enhancement. Down select to a single contractor with the most promising concept, continuing with design development until production ready. Finally, transition to production with the winning design by exercising a Firm Fixed Price contract option.

(U) **ABV: SYSTEM DEVELOPMENT & DEMONSTRATION PHASE:** Conduct modeling to support vehicle platform selection and trade studies for line charge integration. Modeling applications to support Analysis of Alternatives/Testing & Evaluation Alternatives (AOA/TEA). Establish Statement of Work (SOW) with Anniston Army Depot to build demonstrator vehicle and integrate full width mine plow, lane marking system, line charges, weapons systems & remote control system to the M1 Tank Chassis. Conduct plow tests with the demonstrator vehicle. Conduct developmental testing to include live mine testing and survivability/vulnerability analysis. Conduct trade study (examining capabilities and cost to down select). Select a systems integrator for the production of the LRIP and production vehicles.

**Expeditionary Assault Bridge (EAB):** Begin system integration with M60A1 tank chassis bridge launcher, M1A1 tank chassis and MLC 70 assault bridge to build first article EAB demonstrator. EAB is armored vehicle used for rapidly employing, short-gap, assault crossing system, capable of spanning natural and manmade obstacles up to 60 feet (18.29) while under fire for up to Military Load Class (MLC) 70-ton vehicles. The EAB consists of a rebuilt and upgraded M1A1 Tank chassis with existing MLC70 scissors bridge and a commercial launcher. The EAB will provide the MAGTF with the capability to conduct assault and tactical wet and dry gap crossings in all types of climate and terrain, including slopes, trenches and vertical steps. The M1A1 based launcher will provide the survivability, maintainability and maneuverability required to keep pace with the maneuver force.

### (U) E. MAJOR PERFORMERS:

FY04 - 02/03 ATC, Aberdeen, MD-Test activity for the ABV during Development Testing (DT)

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Exhibit R-3 Cost Analysis							DATE: February 2005							
APPROPRIATION/BUDGET ACTIVITY				PROGRAM ELEMENT			PROJECT NUMBER AND NAME							
RDT&E, N /BA 7 Operational Sys Dev				0206624M Marine Corps Combat Services Spt			C2316 Combat Services Support Engineering Equip							
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 04 Cost	FY 04 Award Date	FY 05 Cost	FY 05 Award Date	FY 06 Cost	FY 06 Award Date	FY 07 Cost	FY 07 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Systems Engineering -ABV	Various	Various	7.512	0.265	3Q/04	0.000						0.000	7.777	8.501
Systems Engineering -ABV	Various	Various	3.418	0.407	3Q/04	0.000						0.000	3.825	3.418
Systems Engineering -ABV	WR	NSWC, Crane, IN	0.495	0.055	3Q/04	0.000						0.000	0.550	0.550
Engineering/Design-ABV	MIPR	PM Unmanned Grd Vehicles	1.800	0.099	3Q/04	0.000						0.000	1.899	1.800
Systems Engineering -EAB	WR	Various	0.000	0.000		0.000		2.100	1Q/06			0.000	2.100	2.100
Prod Dev - M1A1 Firepower	RCP	Raytheon, McKinney, TX	0.000	3.670	1Q/04	0.000						0.000	3.670	3.670
PROD DEV - M1A1 Mods	RCP	United Defense, Albany Ga	0.000	0.250	1Q/04	0.177	1Q/05					Cont	Cont	
PROD DEV - M1A1 Mods	RCP	Various	0.000	0.477		0.143	1Q/05	0.253	1Q/06	0.343	1Q/06			
<b>Subtotal Product Dev</b>			<b>13.225</b>	<b>5.223</b>		<b>0.320</b>		<b>2.353</b>		<b>0.343</b>		<b>Cont</b>	<b>Cont</b>	
Remarks:														
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 04 Cost	FY 04 Award Date	FY 05 Cost	FY 05 Award Date	FY 06 Cost	FY 06 Award Date	FY 07 Cost	FY 07 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Program Support - ABV	RCP	BAE, Stafford, VA	1.979	0.000		0.000						0.301	2.280	2.280
Program Support - ABV	RCP	MCSC, Quantico, VA	1.293	0.325	3Q/04	0.000						0.225	1.843	1.731
Program Support - ABV	RCP	SVERDRUP, Stafford, VA	0.200	0.000		0.000						0.000	0.200	0.200
Program Support - ABV	WR	NAVFAC	0.940	0.040	3Q/04	0.000						0.000	0.980	0.940
Program Support - EAB	WR	BAE, Stafford, VA	0.000	0.000		0.000		0.500	1Q/06			0.000	0.500	0.500
Program Supp-M1A1 Mods	WR	MCSC, Quantico, VA	0.000	0.180	1Q/04	0.170	1Q/05	0.175	1Q/06	0.175	1Q/06	Cont	Cont	
Program Supp-M1A1 FEP	MIPR	NWSC, Dahlgren, VA	0.000	0.013	3Q/04	0.000						0.000	0.013	0.013
Program Supp-M1A1 FEP	MIPR	PEO STRICOM, Orlando, FL	0.000	0.076	3Q/04	0.000						0.000	0.076	0.076
Program Supp-M1A1 FEP	MIPR	NVL, Belvoir, VA	0.000	0.228	1Q/04	0.000						0.000	0.228	0.228
Program Supp-M1A1 FEP	MIPR	Tacom, ARDEC Warren, MI	0.000	0.085	1Q/04	0.000						0.000	0.085	0.085
<b>Subtotal Support</b>			<b>4.412</b>	<b>0.947</b>		<b>0.170</b>		<b>0.675</b>		<b>0.175</b>		<b>Cont</b>	<b>Cont</b>	
Remarks:														
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 04 Cost	FY 04 Award Date	FY 05 Cost	FY 05 Award Date	FY 06 Cost	FY 06 Award Date	FY 07 Cost	FY 07 Award Date	Cost to Complete	Total Cost	Target Value of Contract
DT&E - ABV	MIPR	WES, Vicksburg, MS	1.309	0.335	3Q/04	0.000						0.000	1.644	1.644
DT&E - ABV	MIPR	APG, MD	0.500	1.401	3Q/04	0.000						Cont	Cont	
DT&E - ABV	WR	NSWC, Crane, IN	1.160	0.000		0.000						0.000	1.160	1.160
DT&E - ABV	MIPR	APG, MD	0.000	1.252	1Q/04	0.589	1Q/05					Cont	Cont	
IOT&E - ABV	WR	MCOTEA	0.900	0.000		0.885	1Q/05					0.000	1.785	1.800
Engineering/Design-ABV	MIPR	PM Unmanned Grd Vehicles	0.000	0.300	TBD	0.000						0.000	0.300	0.300
EAB	MIPR	Aberdeen Prvg Grnd, MD	0.000	0.000		0.000		0.400	1Q/06			0.000	0.400	0.400
M1A1 Firepower	RCP	TBD	0.000	1.152	TBD	0.000						0.000	1.152	1.492
M1A1 Firepower	MIPR	APG, MD	0.000	0.169	1Q/04	0.000						0.000	0.169	0.169
M1A1Firepower	MIPR	YUMA, AZ	0.000	0.128	1Q/04	0.000						0.000	0.128	0.128
<b>Subtotal T&amp;E</b>			<b>3.869</b>	<b>4.737</b>		<b>1.474</b>		<b>0.400</b>		<b>0.000</b>		<b>Cont</b>	<b>Cont</b>	
Remarks: Assault Breacher Vehicle (ABV) Expeditionary Assault Bridge (EAB)														
<b>Total Cost</b>			<b>21.506</b>	<b>10.907</b>		<b>1.964</b>		<b>3.428</b>		<b>0.518</b>		<b>Cont</b>	<b>Cont</b>	

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## Exhibit R-4/a Schedule Profile Detail

DATE:

February 2005

APPROPRIATION/BUDGET ACT/PROGRAM ELEMENT

RDTE&E, N /BA 7 Operational Sy 0206624M Marine Corps Combat Services Spt

PROJECT NUMBER AND NAME

C2316 Combat Services Support Engineering Equip

### ASSAULT BREACHER VEHICLE

Fiscal Year Quarter	00				01				02				03				04				05				06				07							
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV				
Milestone 0	◆																																			
System Development									■																											
System Testing/DT													■																							
Milestone B													◆																							
Build 3 LRIP Vehicles													■																							
LUE/FUE																	■																			
IOT&E																					□															
Fielding Decision/ Full Rate Prod/MS C																									◀				▶							
IOC																													◆							
FOC																																	▶			

#### Program Funding Summary

(APPN, BLI #, NOMEN)

(U) RDTE&E,N ABV

(U) PMC, BLI# 613300 ABV

(U) PMC, BLI# 652000 EOD Sys ABV

	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Compl	Total Cost
(U) RDTE&E,N ABV	4.479	1.474	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.953
(U) PMC, BLI# 613300 ABV	0.000	8.090	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.090
(U) PMC, BLI# 652000 EOD Sys ABV	0.000	0.000	62.756	32.861	0.000	0.000	0.000	0.000	0.000	95.617

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<b>Exhibit R-4/4a Schedule Profile Detail</b>					DATE: <b>February 2005</b>				
APPROPRIATION/BUDGET ACT/PROGRAM ELEMENT <b>RDTE&amp;E, N /BA 7 Operational Sy0206624M Marine Corps Combat Services Spt</b>					PROJECT NUMBER AND NAME <b>C2316 Combat Services Support Engineering Equip</b>				
<b>ABV SCHEDULE DETAIL</b>	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	
System Development	1st Qtr								
System Testing/DT		1st Qtr							
Milestone B		4th Qtr							
Build 3 PRP		4th Qtr							
Limited User Evaluation/Field User Evaluation			3rd Qtr						
IOT&E				2nd Qtr					
Fielding Decision/Full Rate Production Decision MS C				3rd Qtr					
IOC					4th Qtr				
FOC						4th Qtr			



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## Exhibit R-4/4a Schedule Profile Detail

DATE:

February 2005

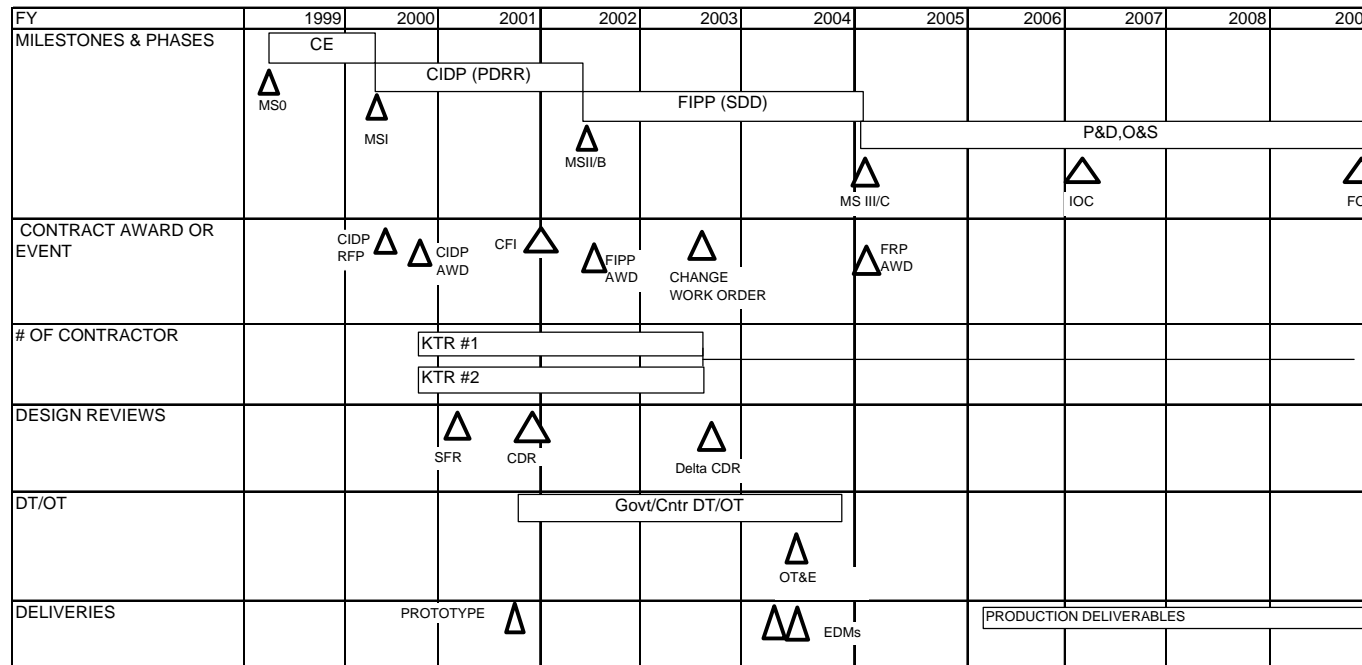
APPROPRIATION/BUDGET ACT PROGRAM ELEMENT

PROJECT NUMBER AND NAME

RDT&E, N /BA 7 Operational Sy 0206624M Marine Corps Combat Services Spt

C2316 Combat Services Support Engineering Equip

### M1A1 FIREPOWER ENHANCEMENT PROGRAM (FEP)



#### Program Funding Summary

(APPN, BLI #, NOMEN)

(U) RDT&E,N M1A1 FEP

(U) PMC BLI# 209500 M1A1 FEP

	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Compl	Total Cost
(U) RDT&E,N M1A1 FEP	5.998	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.998
(U) PMC BLI# 209500 M1A1 FEP	3.725	36.731	33.454	18.083	25.883	0.000	0.000	0.000	0.000	117.876

R-1 SHOPPING LIST - Item No. 187

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Exhibit R-4/4a, Schedule Profile/Detail

(Exhibit R-4/4a, page 17 of 22)

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## Exhibit R-4/4a Schedule Profile Detail

DATE:

February 2005

APPROPRIATION/BUDGET ACT/PROGRAM ELEMENT

RDTE&E, N /BA 7 Operational Sy0206624M Marine Corps Combat Services Spt

PROJECT NUMBER AND NAME

C2316 Combat Services Support Engineering Equip

Fiscal Year

### EXPEDITIONARY ASSAULT BRIDGE

Quarter	01				02				03				04				05				06				07				08			
Fiscal Year Quarter	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV				
Milestone A													◆																			
System Development																																
System Testing/DT																																
Milestone B																																
LUE/FUE																																
MS C																																
IOT&E																																
Fielding Decision/ Full Rate Prod																																
IOC																																
FOC - FY 08																																

### Program Funding Summary

(APPN, BLI #, NOMEN)

(U) RDTE&E,N EAB

(U) PMC BLI#651800 Amph Supt Eq EAB

	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Compl	Total Cost
(U) RDTE&E,N EAB	0.000	0.000	3.000	0.000	0.000	0.000	0.000	0.000	0.000	3.000
(U) PMC BLI#651800 Amph Supt Eq EAB	0.000	0.000	0.000	0.000	7.017	11.940	2.583	2.638	Cont	Cont

### EAB SCHEDULE DETAIL

	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
System Development				2nd Qtr				
System Testing/DT				3rd Qtr				
Milestone B				3rd Qtr				
Limited User Evaluation/Field User Evaluation					4thQtr			
Milestone C						1st Qtr		
IOT&E						2nd Qtr		
Fielding Decision/Full Rate Production Decision						4th Qtr		
IOC							4th Qtr	
FOC							4th Qtr	

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## EXHIBIT R-2a, RDT&E Project Justification

DATE:

February 2005

APPROPRIATION/BUDGET ACTIVITY <b>RDT&amp;E, N /BA-7 Operational Sys Dev</b>	PROGRAM ELEMENT NUMBER AND NAME <b>0206624M Marine Corps Combat Services Support</b>			PROJECT NUMBER AND NAME <b>C2929 Testing Measuring Diagnostic Equip (TMDE) &amp; SE</b>					
	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	
	<b>2.279</b>	<b>1.066</b>	<b>4.332</b>	<b>7.249</b>	<b>10.815</b>	<b>1.940</b>	<b>1.502</b>	<b>1.549</b>	
RDT&E Articles Qty									

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

Alternative Power Sources for Communications Equipment (APSCE) is a suite of devices that provides the commander with the capability to use existing power to operate communication equipment, computers and peripheral equipment instead of using batteries or fossil fuel generators.

The Marine Corps Family of Automatic Test Systems (ATS) formerly TETS, provides automatic test program capability for use by technicians both in garrison and forward edge of battlefield. Specific work in area of interactive electronic tech manuals, condition/predictive based maintenance, embedded sensors, prognostics. The Automatic Test Systems, FY-04 effort is to provide research, evaluation and test of hulled/tracked weapon systems.

The Marine Corps Automatic Test Equipment (MCATE), provides development of sustainment technology for automatic test equipment used in organizational/intermediate maintenance facilities. The Autonomic Logisitics (AL) provides weapon system sensor data collection & processing for information conversion to provide situational awareness. FY-06 effort will focus on developing system, operational, and technical architectures for condition based maintenance for Marine Corps Ground Weapon Systems. FY-07 efforts will develop Low Rate Initial Production (LRIP) system health hardware and software for Marine Corps weapon systems.

### (U) B. ACCOMPLISHMENTS/PLANNED PROGRAM

During FY-06 the AL program will conduct R&D efforts to explore collection & processing of system health data from weapon systems sensor and digital data buss structures for system health information. Work will include diagnostic and prognostic algorithm development. FY-07 R&D efforts will focus on system health application for legacy weapon systems that are not supported with Digital sensors or data buss structures. Conduct developmental test and evaluation of platform level system health hardware and software. FY-08 Funding will develop Ground Combat Support System (GCSS) interfaces.

COST (\$ in Millions)	FY 2004	FY 2005	FY 2006	FY 2007
Accomplishment/Effort Subtotal Cost	<b>0.313</b>	<b>0.125</b>	<b>0.130</b>	<b>0.137</b>
RDT&E Articles Qty				

**APSCE:** Research, evaluation, test and selection of alternative power source products for the APSCE suite of equipment.

COST (\$ in Millions)	FY 2004	FY 2005	FY 2006	FY 2007
Accomplishment/Effort Subtotal Cost	<b>1.542</b>	<b>0.462</b>	<b>0.512</b>	<b>0.567</b>
RDT&E Articles Qty				

**ATS:** Development of new technology testing applications in support of emerging weapon systems.

COST (\$ in Millions)	FY 2004	FY 2005	FY 2006	FY 2007
Accomplishment/Effort Subtotal Cost	<b>0.424</b>	<b>0.479</b>	<b>0.902</b>	<b>0.517</b>
RDT&E Articles Qty				

**MCATE:** Develop new technology for sustainment of current Marine Corps Automatic Test Equipment.

COST (\$ in Millions)	FY 2004	FY 2005	FY 2006	FY 2007
Accomplishment/Effort Subtotal Cost	<b>0.000</b>	<b>0.000</b>	<b>2.788</b>	<b>6.028</b>
RDT&E Articles Qty				

**ALS:** Weapon sensor data collection & processing for information conversion to provide situational awareness.

(U) Total \$	<b>2.279</b>	<b>1.066</b>	<b>4.332</b>	<b>7.249</b>
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# UNCLASSIFIED

## EXHIBIT R-2a, RDT&E Project Justification

DATE:

February 2005

APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME				PROJECT NUMBER AND NAME					
RDT&E, N /BA-7 Operational Sys Dev	0206624M Marine Corps Combat Services Support				C2929 Testing Measuring Diagnostic Equip (TMDE) & SE					
	FY2004	FY2005	FY2006	FY2007						
(U) FY 2005 President's Budget:	2.209	1.075	1.514	1.139						
(U) Adjustments from the President's Budget:										
(U) Congressional/OSD Program Reductions										
(U) Congressional Rescissions										
(U) Congressional Increases										
(U) Reprogrammings			2.788	6.028						
(U) SBIR/STTR Transfer	-0.053									
(U) Minor Affordability Adjustment	0.123	-0.009	0.030	0.082						
(U) FY 2006 President's Budget:	2.279	1.066	4.332	7.249						
CHANGE SUMMARY EXPLANATION:										
(U) Funding: Increased fund in FY06 and FY07 are due to POM 06										
(U) Schedule: Not Applicable.										
(U) Technical: Not Applicable.										
(U) C. OTHER PROGRAM FUNDING SUMMARY:										
Line Item No. & Name	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Compl	Total Cost
(U)PMC Line(BLI# 636600)Power Equip APSCE	4.512	3.407	3.265	3.772	0.000	0.000	0.000	0.000	0.000	14.956
(U) PMC Line (BLI# 440200) TETS ***	17.041	13.749	10.390	5.682	10.256	15.809	0.000	0.000	Cont	Cont
(U) PMC Line (BLI# 440200) AL ***	0.000	0.000	0.000	0.997	6.451	3.437	3.358	3.027	Cont	Cont
(U) PMC Line (BLI# 446000) WSSS ***	2.312	2.296	3.769	3.737	3.934	4.510	4.667	4.754	Cont	Cont
*** FY06 and beyond, PMC Line (BLI# 418100) Repair & Test Equip										
(U) Related RDT&E:										
(U) D. ACQUISITION STRATEGY:										
Competitive through the GSA Schedule. All other work is being done in-house at Marine Corps Logistics Base (MCLB), Albany, Naval Surface Warfare Center (NSWC), and Seal Beach, CA.										
AL Competitive through Marine Corps Systems Command Contracts. All other work is being done in house and at Gov Engineering facilities.										
(U) E. MAJOR PERFORMERS: Automatic Test Equipment Program (ATEP), Albany, GA and Naval Surface Warfare Centers Corona and Seal Beach, CA. All other performers to be determined at this time.										

**UNCLASSIFIED**

Exhibit R-3 Cost Analysis									DATE: February 2005					
APPROPRIATION/BUDGET ACTIVITY			PROGRAM ELEMENT				PROJECT NUMBER AND NAME							
RDT&E, N /BA 7 Operational Sys Dev			0206624M Marine Corps Combat Services Spt				C2929 Testing Measuring Diagnostic Equip (TMDE) & SE							
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 04 Cost	FY 04 Award Date	FY 05 Cost	FY 05 Award Date	FY 06 Cost	FY 06 Award Date	FY 07 Cost	FY 07 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Study & Hardware	RCP	Mantech, Va	0.122	0.040	03/04							0	0.162	0.162
Study	RCP	MKI, Va		0.240	03/04			0.375	12/05	0.255	02/07	0	0.870	0.87
Study	RCP	TBD	0.068	0.250	03/04			1.580	02/06	0.500	02/07	0	2.398	2.398
Study & Hardware	RCP	TBD		0.500	07/04	0.687	03/05					0	1.187	1.187
Hardware	RCP	Willitis Electronic Assembly	0.019					0.092	12/05				0.111	0.111
Hardware	RCP	MCSC, Quantico VA	0.028	0.060	12/03	0.092	12/04	0.380	12/05	4.300		0	4.860	4.860
Software Support	WR	ATEP, Ga	0.150	0.375	12/03	0.252	12/04	0.500	12/05	0.354	12/07	0	1.631	1.631
Hardware & Study	WR	NSWC, Ca	0.043	0.250	03/04					0.775	12/07	Cont	Cont	
Subtotal Product Dev			0.430	1.715		1.031		2.927		6.184		Cont	Cont	
Remarks:														
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 04 Cost	FY 04 Award Date	FY 05 Cost	FY 05 Award Date	FY 06 Cost	FY 06 Award Date	FY 07 Cost	FY 07 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Travel	DTS	MCSC, Quantico VA	0.094	0.035		0.035		0.116		0.146		Cont	Cont	
													0.000	
Subtotal Support			0.094	0.035		0.035		0.116		0.146		Cont	Cont	
Remarks:														
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 04 Cost	FY 04 Award Date	FY 05 Cost	FY 05 Award Date	FY 06 Cost	FY 06 Award Date	FY 07 Cost	FY 07 Award Date	Cost to Complete	Total Cost	Target Value of Contract
EVAL TESTING	WR	Albany, GA	0.084	0.129	02/04			0.163	02/06			0.000	0.376	0.376
													0.000	
Subtotal T&E			0.084	0.129		0.000		0.163		0.000		0.000	0.376	
Remarks:														
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 04 Cost	FY 04 Award Date	FY 05 Cost	FY 05 Award Date	FY 06 Cost	FY 06 Award Date	FY 07 Cost	FY 07 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Program Support	FFP	MCSC, Quantico		0.400	02/04			1.126	12/05	0.919	12/06		2.445	2.445
													0.000	
Subtotal Management			0.000	0.400		0.000		1.126		0.919		Cont	Cont	
Remarks:														
Total Cost			0.608	2.279		1.066		4.332		7.249		Cont	Cont	
(U) FY 2006 President's Budget:														