

UNCLASSIFIED

EXHIBIT R-2, RDT&E Budget Item Justification					DATE: February 2007																																																										
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT (PE) NAME AND NO.																																																														
RDT&E, N /BA-4 Demonstration/Validation	0603635M Marine Corps Ground Combat/Supporting Arms Systems																																																														
COST (\$ in Millions)	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013																																																							
Total PE Cost	12.829	12.904	80.403	52.191	18.545	15.172	20.465	21.205																																																							
C1964 Anti-Armor Weapon System	3.645	7.123	0.0	0.0	0.0	0.0	0.0	0.0																																																							
C2614 SMAW Follow-On	0.565	0.501	3.327	8.194	0.525	0.525	0.515	0.513																																																							
C3132 Joint Light Tactical Vehicle	0.0	0.0	77.076	43.997	18.020	14.647	19.950	20.692																																																							
C9999 Congressional Adds	8.619	5.280	0.0	0.0	0.0	0.0	0.0	0.0																																																							
Quantity of RDT&E Articles																																																															
<p>(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: This PE supports the demonstration and validation of Marine Corps Ground/Supporting Arms Systems for utilization in Marine Air-Ground Expeditionary Force amphibious operations. This program is funded under DEMONSTRATION & VALIDATION because it develops and integrates hardware for experimental test related to specific ground weapon system.</p> <p>B. PROGRAM CHANGE SUMMARY</p> <table border="0"> <thead> <tr> <th></th> <th>FY2006</th> <th>FY2007</th> <th>FY2008</th> <th>FY2009</th> </tr> </thead> <tbody> <tr> <td>(U) FY 2007 President's Budget:</td> <td>13.293</td> <td>0.503</td> <td>0.510</td> <td>0.511</td> </tr> <tr> <td>(U) Adjustments from the President's Budget:</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> (U) Congressional Program Reductions</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> (U) Congressional Rescissions</td> <td>-0.128</td> <td></td> <td></td> <td></td> </tr> <tr> <td> (U) Congressional Increases</td> <td></td> <td>5.300</td> <td></td> <td></td> </tr> <tr> <td> (U) PR 07 Core Adjustment</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> (U) Reprogrammings</td> <td>0.084</td> <td>7.150</td> <td>79.897</td> <td>51.676</td> </tr> <tr> <td> (U) SBIR/STTR Transfer</td> <td>-0.365</td> <td></td> <td></td> <td></td> </tr> <tr> <td> (U) Minor Affordability Adjustment</td> <td>-0.055</td> <td>-0.049</td> <td>-0.004</td> <td>0.004</td> </tr> <tr> <td>(U) FY 2008 NAVCOMPT Budget:</td> <td>12.829</td> <td>12.904</td> <td>80.403</td> <td>52.191</td> </tr> </tbody> </table> <p>CHANGE SUMMARY EXPLANATION: (U) Funding: See Above. (U) Schedule: N/A (U) Technical: N/A</p>										FY2006	FY2007	FY2008	FY2009	(U) FY 2007 President's Budget:	13.293	0.503	0.510	0.511	(U) Adjustments from the President's Budget:					(U) Congressional Program Reductions					(U) Congressional Rescissions	-0.128				(U) Congressional Increases		5.300			(U) PR 07 Core Adjustment					(U) Reprogrammings	0.084	7.150	79.897	51.676	(U) SBIR/STTR Transfer	-0.365				(U) Minor Affordability Adjustment	-0.055	-0.049	-0.004	0.004	(U) FY 2008 NAVCOMPT Budget:	12.829	12.904	80.403	52.191
	FY2006	FY2007	FY2008	FY2009																																																											
(U) FY 2007 President's Budget:	13.293	0.503	0.510	0.511																																																											
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EXHIBIT R-2a, RDT&E Project Justification					DATE: February 2007			
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME				PROJECT NUMBER AND NAME			
RDT&E, N /BA-4 Demonstration/Validation	0603635M Marine Corps Ground Combat/Support Arms Systems				C2614 FOLLOW-ON TO SMAW			
COST (\$ in Millions)	FY 2006	FY 2007	FY 2008	FY 2009	FY2010	FY2011	FY2012	FY2013
Project Cost	0.565	0.501	3.327	8.194	0.525	0.525	0.515	0.513
RDT&E Articles Qty								
(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:								
The Follow-on to SMAW (FOTS) program is comprised of three phases: new launcher, Fire-from-enclosure (FFE) round, and wall breaching round. The FY06-09 effort is to competitively select and qualify a new launcher to replace the existing Mk153 Mod 0 launcher, with production to commence in FY10.								
(U) B. ACCOMPLISHMENTS/PLANNED PROGRAM:								
COST (\$ in Millions)	FY 2006	FY 2007	FY 2008	FY 2009				
Accomplishment/Effort Subtotal Cost	0.000	0.000	1.982	5.748				
RDT&E Articles Qty								
Contractor conducted systems integration and qualification								
COST (\$ in Millions)	FY 2006	FY 2007	FY 2008	FY 2009				
Accomplishment/Effort Subtotal Cost	0.419	0.355	0.873	0.892				
RDT&E Articles Qty								
Provide engineer and technical support.								
COST (\$ in Millions)	FY 2006	FY 2007	FY 2008	FY 2009				
Accomplishment/Effort Subtotal Cost	0.068	0.146	0.265	0.480				
RDT&E Articles Qty								
Provide government program management / in-house support.								
COST (\$ in Millions)	FY 2006	FY 2007	FY 2008	FY 2009				
Accomplishment/Effort Subtotal Cost	0.078	0.000	0.207	1.074				
RDT&E Articles Qty								
Provided operational test support planning and document preparation and conduct operational testing.								
(U) Total \$	0.565	0.501	3.327	8.194				

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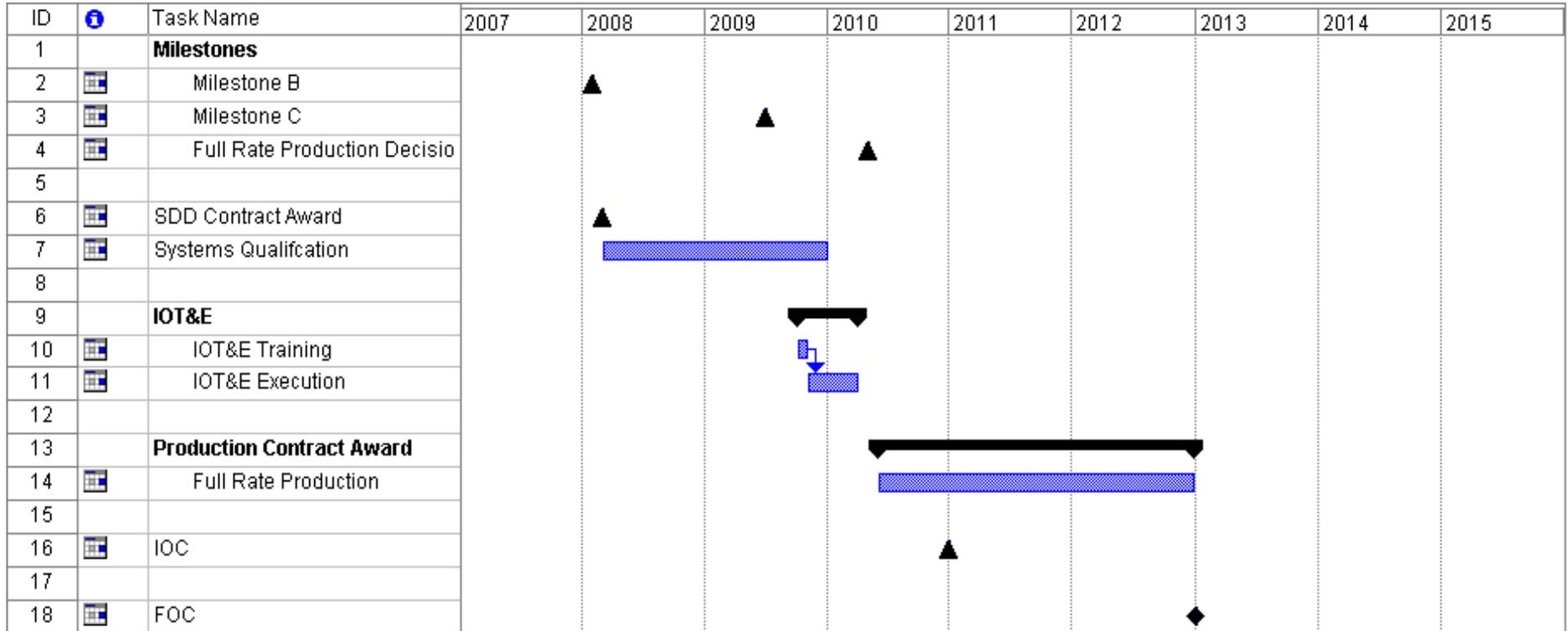
EXHIBIT R-2a, RDT&E Project Justification		DATE:								
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	February 2007								
RDT&E, N /BA-4 Demonstration/Validation	0603635M Marine Corps Ground Combat/Support Arms Systems	C2614 FOLLOW-ON TO SMAW								
(U) PROJECT CHANGE SUMMARY:	<u>FY 2006</u> <u>FY 2007</u> <u>FY 2008</u> <u>FY 2009</u>									
(U) FY 2007 President's Budget:	0.493 0.503 0.510 0.511									
(U) Adjustments from the President's Budget:										
(U) Congressional Program Reductions										
(U) Congressional Rescissions										
(U) Congressional Increases										
(U) Reprogrammings	0.084 2.800 7.616									
(U) SBIR/STTR Transfer	-0.012									
(U) Minor Affordability Adjustments	 -0.002 0.017 0.067									
(U) FY 2008 President's Budget:	0.565 0.501 3.327 8.194									
CHANGE SUMMARY EXPLANATION:										
(U) Funding: The SMAW Launcher Replacement program will be initiated as Phase I of the Follow-on-to-SMAW program.										
(U) Schedule:										
(U) Technical:										
(U) C. OTHER PROGRAM FUNDING SUMMARY:										
<u>Line Item No. & Name</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>To Compl</u>	<u>Total Cost</u>
PANMC BLI 147100 Rockets All Types	53.397	20.110	2.146	6.548	4.036	4.882	4.470	4.512	Cont	Cont
PMC BLI 301600 Follow-on to SMAW	0.000	0.000	0.000	0.000	12.184	3.344	9.528	15.767	Cont	Cont
(U) Related RDT&E: Not Applicable.										
(U) D. ACQUISITION STRATEGY:										
FY08-09 acquisition strategy will be to competitively select and qualify a new launcher system to replace the current Mk153 Mod 0 SMAW launcher.										
FY10-12 will address post operational testing issues and further conduct evaluation of fire-from-enclosure (FFE) technologies for FY13 integration and qualification in to a new rocket.										
(U) E. MAJOR PERFORMERS:										
FY08-09										
Talley Defense Systems, Mesa, Az										
Raytheon Network Centric Systems, McKinney, TX										
General Dynamics Armement and Technical Products, Burlington, VT										
NSWC, Dahlgren Division, VA										

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Exhibit R-3 Cost Analysis								DATE: February 2007						
APPROPRIATION/BUDGET ACTIVITY			PROGRAM ELEMENT					PROJECT NUMBER AND NAME						
RDT&E, N /BA-4 Demonstration/Validation			0603635M Marine Corps Ground Combat/Support Arms Systems					C2614 FOLLOW-ON TO SMAW						
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 06 Cost	FY 06 Award Date	FY 07 Cost	FY 07 Award Date	FY 08 Cost	FY 08 Award Date	FY 09 Cost	FY 09 Award Date	Cost to Compl	Total Cost	Target Value of Contract
Systems Integration	C/CPFF	TBD						1.982	11/07	5.748	11/08	Cont	Cont	
												Cont	Cont	
												Cont	Cont	
Subtotal Product Dev			0.000	0.000		0.000		1.982		5.748		Cont	Cont	
Remarks:														
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 06 Cost	FY 06 Award Date	FY 07 Cost	FY 07 Award Date	FY 08 Cost	FY 08 Award Date	FY 09 Cost	FY 09 Award Date	Cost to Compl	Total Cost	Target Value of Contract
Program Mgmt and Eng Support	WR	MCSC, Quantico, VA		0.068	10/05	0.146	10/06	0.265	10/07	0.480	10/09	Cont	Cont	
Engineering and Technical Spt	WR	NSWC, Dahlgren, VA		0.419	10/05	0.355	10/06	0.873	10/07	0.892	10/08	Cont	Cont	
												Cont	Cont	
												Cont	Cont	
Subtotal Support			0.000	0.487		0.501		1.138		1.372		Cont	Cont	
Remarks:														
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 06 Cost	FY 06 Award Date	FY 07 Cost	FY 07 Award Date	FY 08 Cost	FY 08 Award Date	FY 09 Cost	FY 09 Award Date	Cost to Compl	Total Cost	Target Value of Contract
Operational Testing and Support	WR	MCOTEA, Quantico, VA		0.078	02/06	0.000		0.207	10/06	1.074	10/06	Cont	Cont	
												Cont	Cont	
												Cont	Cont	
Subtotal T&E			0.000	0.078		0.000		0.207		1.074		Cont	Cont	
Remarks:														
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 06 Cost	FY 06 Award Date	FY 07 Cost	FY 07 Award Date	FY 08 Cost	FY 08 Award Date	FY 09 Cost	FY 09 Award Date	Cost to Compl	Total Cost	Target Value of Contract
Subtotal Management			0.000	0.000		0.000		0.000		0.000		Cont	Cont	
Remarks:														
Total Cost			0.000	0.565		0.501		3.327		8.194		Cont	Cont	

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Exhibit R-4-4a Project Schedule/Detail		DATE: February 2007
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT	PROJECT NUMBER AND NAME
RDT&E, N /BA-4 Demonstration/Validation	0603635M Marine Corps Ground Combat/Support Arms Systems	C2614 FOLLOW-ON TO SMAW



Program Funding Summary

(APPN, BLI #, NOMEN)

	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Compl	Total Cost
(U) RDT&E,N, C2614, Follow-on to SMAW	0.565	0.501	3.327	8.194	0.525	0.525	0.515	0.513	Cont	Cont
(U) PMC, BLI 301600, Follow-on to SMAW	0.000	0.000	0.000	0.000	12.184	3.344	9.528	15.767	Cont	Cont

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Exhibit R-4-4a Project Schedule/Detail		DATE: February 2007
APPROPRIATION/BUDGET ACTIVITY RDT&E, N /BA-4 Demonstration/Validation	PROGRAM ELEMENT 0603635M Marine Corps Ground Combat/Support Arms Systems	PROJECT NUMBER AND NAME C2614 FOLLOW-ON TO SMAW

	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Milestone B			1st Qtr					
Milestone C				2nd Qtr				
Full Rate Production Decision					2nd Qtr			
IOC						1st Qtr		
FOC							4th Qtr	
PANMC BLI 147100 Rockets All Types								

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EXHIBIT R-2a, RDT&E Project Justification

DATE:

February 2007

APPROPRIATION/BUDGET ACTIVITY RDT&E, N /BA-4 Demonstration/Validation	PROGRAM ELEMENT NUMBER AND NAME 0603635M Marine Corps Ground Combat/Support Arms Systems				PROJECT NUMBER AND NAME C3132 Joint Light Tactical Vehicle			
COST (\$ in Millions)	FY 2006	FY 2007	FY 2008	FY 2009	FY2010	FY2011	FY2012	FY2013
Project Cost	0.000	0.000	77.076	43.997	18.020	14.647	19.950	20.692
RDT&E Articles Qty								

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

The Joint Light Tactical Vehicle (JLTV) is a program for a family of vehicles to replace and/or supplement the current High Mobility Multi-Purpose Wheeled Vehicle (HMMWV) family of vehicles. The JLTV will be designed to address the issues currently being experienced with the HMMWV family. It will possess significantly improved survivability, better power management, increased operational range, and logistics performance/supportability over the HMMWV, as well as the capacity to carry and haul more weight with high reliability, both of which are issues for the HMMWV, particularly with the burden of add-on armor.

(U) B. ACCOMPLISHMENTS/PLANNED PROGRAM:

COST (\$ in Millions)	FY 2006	FY 2007	FY 2008	FY 2009
Accomplishment/Effort Subtotal Cost	0.000	0.000	66.707	32.293
RDT&E Articles Qty				
System Design/Developmental Test				
COST (\$ in Millions)	FY 2006	FY 2007	FY 2008	FY 2009
Accomplishment/Effort Subtotal Cost	0.000	0.000	10.369	11.704
RDT&E Articles Qty				
System Engineering				
(U) Total \$	0.000	0.000	77.076	43.997

(U) PROJECT CHANGE SUMMARY:

(U) FY 2007 President's Budget:

	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
	0.000	0.000	0.000	0.000

(U) Adjustments from the President's Budget:

(U) Congressional Program Reductions

(U) Congressional Rescissions

(U) Congressional Increases

(U) Reprogrammings

	0.000	0.000	76.844	43.690
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(U) SBIR/STTR Transfer

(U) Minor Affordability Adjustments

			0.232	0.307
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(U) FY 2008 President's Budget:

	0.000	0.000	77.076	43.997
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EXHIBIT R-2a, RDT&E Project Justification

DATE:

February 2007

APPROPRIATION/BUDGET ACTIVITY
RDT&E, N /BA-4 Demonstration/Validation

PROGRAM ELEMENT NUMBER AND NAME
0603635M Marine Corps Ground Combat/Support Arms Systems

PROJECT NUMBER AND NAME
C3132 Joint Light Tactical Vehicle

CHANGE SUMMARY EXPLANATION:

- (U) Funding: See Above.
- (U) Schedule: Initiate JLTV as Program of Record
- (U) Technical: Initiate JLTV as Program of Record

(U) C. OTHER PROGRAM FUNDING SUMMARY:

<u>Line Item No. & Name</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>To Compl</u>	<u>Total Cost</u>
PMC BLI 509500 JLTV	0.000	0.000	0.000	0.000	49.070	139.514	236.848	309.071	Cont	Cont
(U) Related RDT&E:										
RDT&E C2930 Pre Phase A Activities	0.822	3.804	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.626

(U) D. ACQUISITION STRATEGY:

Anticipate that this program will be pursued under an Evolutionary Acquisition, Incremental Development acquisition strategy. The USMC program office, as part of the JLTV Program Office (JPO), will work with the Army to conduct concept and technology refinement activities to reduce overall program risk and transition technologies for integration into the Joint Light Tactical Vehicle (JLTV). The JPO will conduct analyses, trade studies, concept designs, modeling and simulation, and develop component/system mockups for the JLTV family of vehicles. The JPO will also work with Office of Naval Research (ONR) and the Army's Research Development and Engineering Command (RDECOM) Future Tactical Truck System, Advance Concept Technology Demonstration (ACTD) for future JLTV technologies that could be incorporated into the JLTV at Increment 1 or as a preplanned product improvement under follow-on increments. After Milestone B, the Program Office will release an Request for Proposal (RFP) for full and open competition award of System Development and Demonstration (SDD) contract(s). Up to 2 contracts may be awarded based on affordability. The competing vendors will develop prototype vehicles for Government Developmental Testing and Initial Operational

Prior to Milestone C, the program will down select to (1) contractor. This contractor will then go into operational testing and Low Rate Initial Production (LRIP). MS C/LRIP Decision will be in FY 10; Full Rate Production Decision will be in FY11; Initial Operational Capability is planned for FY12.

(U) E. MAJOR PERFORMERS:

TBD

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Exhibit R-3 Cost Analysis DATE: **February 2007**

APPROPRIATION/BUDGET ACTIVITY: **RDT&E, N /BA-4 Demonstration/Validation** PROGRAM ELEMENT: **0603635M Marine Corps Ground Combat/Support Arms** PROJECT NUMBER AND NAME: **C3132 Joint Light Tactical Vehicle**

Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 06 Cost	FY 06 Award Date	FY 07 Cost	FY 07 Award Date	FY 08 Cost	FY 08 Award Date	FY 09 Cost	FY 09 Award Date	Cost to Compl	Total Cost	Target Value of Contract
System Design/DT	TBD	TBD, MCSC, Quantico	0.000	0.000		0.000		66.707	Dec-07	32.293	Nov-08	Cont	Cont	TBD
System Engineering	TBD	TBD, MCSC, Quantico	0.000	0.000		0.000		8.269	Nov-07	9.204	Nov-08	Cont	Cont	TBD
Logistics Development	TBD	TBD, MCSC, Quantico	0.000	0.000		0.000		2.100	Nov-07	2.500	Nov-08	Cont	Cont	TBD
Subtotal Product Dev			0.000	0.000		0.000		77.076		43.997		Cont	Cont	

Remarks:

Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 06 Cost	FY 06 Award Date	FY 07 Cost	FY 07 Award Date	FY 08 Cost	FY 08 Award Date	FY 09 Cost	FY 09 Award Date	Cost to Compl	Total Cost	Target Value of Contract
												Cont	Cont	
												Cont	Cont	
Subtotal Support			0.000	0.000		0.000		0.000		0.000		Cont	Cont	

Remarks:

Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 06 Cost	FY 06 Award Date	FY 07 Cost	FY 07 Award Date	FY 08 Cost	FY 08 Award Date	FY 09 Cost	FY 09 Award Date	Cost to Compl	Total Cost	Target Value of Contract
												Cont	Cont	
												Cont	Cont	
Subtotal T&E			0.000	0.000		0.000		0.000		0.000		Cont	Cont	

Remarks:

Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 06 Cost	FY 06 Award Date	FY 07 Cost	FY 07 Award Date	FY 08 Cost	FY 08 Award Date	FY 09 Cost	FY 09 Award Date	Cost to Compl	Total Cost	Target Value of Contract
Subtotal Management			0.000	0.000		0.000		0.000		0.000		Cont	Cont	

Remarks:

Total Cost			0.000	0.000		0.000		77.076		43.997		Cont	Cont	
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Exhibit R-4-4a Project Schedule/Detail

DATE:

February 2007

APPROPRIATION/BUDGET ACTIVITY
RDT&E, N /BA-4 Demonstration/Validation

PROGRAM ELEMENT
0603635M Marine Corps Ground Combat/Support Arms Systems

PROJECT NUMBER AND NAME
C3132 Joint Light Tactical Vehicle

	FY06	FY07	FY08	FY09	FY10	FY11	FY12	FY13
	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
Milestones	Concept Decision		◇	◇ MS B		◇ MS C		
Science & Technology	[Bar chart showing Science & Technology activities]							
Joint Initial Capabilities Document	[Bar chart showing Joint Initial Capabilities Document activity]							
Evaluation of Alternatives	[Bar chart showing Evaluation of Alternatives activity]							
Capabilities Development Document	[Bar chart showing Capabilities Development Document activity]							
Acquisition Strategy Staffing/Approval	[Bar chart showing Acquisition Strategy Staffing/Approval activity]							
Final RFP/Source Selection	[Bar chart showing Final RFP/Source Selection activity]							
Award SDD Contract	[Bar chart showing Award SDD Contract activity]							
SD&D/DT-OA	[Bar chart showing SD&D/DT-OA activity]							
MS C/LRIP	[Bar chart showing MS C/LRIP activity]							
IOT&E/Live Fire Testing	[Bar chart showing IOT&E/Live Fire Testing activity]							
Production	[Bar chart showing Production activity]							
IOC*	[Bar chart showing IOC activity]							
S&T Funding	15.30	16.20	7.90					
US Army RDT&E	1.16	5.32	82.99	20.65	41.15	20.86		
US Army Procurement					162.00	250.00	300.00	350.00
USMC RDT&E	0.42	3.80	36.84	39.52	10.83	11.02	10.55	11.30
USMC Procurement					42.40	92.90	136.45	105.68
OMMC					3.34	6.94	9.05	9.52

Program Funding Summary
(APPN, BLI #, NOMEN)

	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Compl	Total Cost
(U) RDT&E,N			77.076	43.997	18.020	14.647	19.950	20.692	CONT	Cont
(U) PMC BLI 5095					49.070	139.514	236.848	309.071	CONT	Cont

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DATE: **February 2007**

Exhibit R-4-4a Project Schedule/Detail

APPROPRIATION/BUDGET ACTIVITY RDT&E, N /BA-4 Demonstration/Validation	PROGRAM ELEMENT 0603635M Marine Corps Ground Combat/Support Arms Systems	PROJECT NUMBER AND NAME C3132 Joint Light Tactical Vehicle
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	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Joint Initial Capabilities Document		1Q						
Evaluation of Alternatives		2Q						
Capabilities Development Document		2Q						
MS B			1Q					
SD&D			1Q		3Q			
DT/OA				2Q	2Q			
MS C/LRIP Award					2Q			
IOT&E/LFT&E						2Q	2Q	
FRP Decision							2Q	
IOC							4Q	
FOC							Beyond FYDP →	

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EXHIBIT R-2a, RDT&E Project Justification					DATE: February 2006				
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME				PROJECT NUMBER AND NAME				
RDT&E, N /BA-4 Demonstration/Validation	0603635M Marine Corps Ground Combat/Support Arms Systems				C9999 CONGRESSIONAL ADDS				
COST (\$ in Millions)	FY 2006	FY 2007	FY 2008	FY 2009	FY2010	FY2011	FY2012	FY2013	
Project Cost	8.619	5.280	0.000	0.000	0.000	0.000	0.000	0.000	
RDT&E Articles Qty									
(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:									
(U) B. ACCOMPLISHMENTS/PLANNED PROGRAM:									
COST (\$ in Millions)	FY 2006	FY 2007	FY 2008	FY 2009					
Accomplishment/Effort Subtotal Cost	4.023	1.345	0.000	0.000					
RDT&E Articles Qty									
Anti-Sniper Infrared Target System (ASITS) C9873: Development, exploitation and enhancement of capabilities of Anti-Sniper Infrared Targeting System (ASITS).									
COST (\$ in Millions)	FY 2006	FY 2007	FY 2008	FY 2009					
Accomplishment/Effort Subtotal Cost	1.341	1.943	0.000	0.000					
RDT&E Articles Qty									
Marine Expeditionary Rifle Squad C9874: Continued research and development for System Integration Capability and to develop prototype working integration issues with the development of combat gear.									
COST (\$ in Millions)	FY 2006	FY 2007	FY 2008	FY 2009					
Accomplishment/Effort Subtotal Cost	1.244	0.000	0.000	0.000					
RDT&E Articles Qty									
MOD & Simulation Warhead Interaction C9875: - To develop a modeling and simulation tool to assess specific warhead effectiveness against a variety of structures and fortifications. This M&S tool will be used in the development of various fuzes and fuze designs to optimize effect on target and to develop multi-purpose fuzing and potentially tunable/selectable fuzing.									
COST (\$ in Millions)	FY 2006	FY 2007	FY 2008	FY 2009					
Accomplishment/Effort Subtotal Cost	1.053	0.000	0.000	0.000					
RDT&E Articles Qty									
Neutral Fac Threats W/Novel Techn C9876: - Continue research and development of new and novel technologies designed to protect US National Security by providing military, law enforcement and emergency responders with enhanced operational technologies that are life preserving, environmentally friendly and fiscally responsible.									
COST (\$ in Millions)	FY 2006	FY 2007	FY 2008	FY 2009					
Accomplishment/Effort Subtotal Cost	0.958	0.000	0.000	0.000					
RDT&E Articles Qty									
Urban Terrain Target Designator C9877: - is a day/night image intensifying sight with a 2.5Km to 3.5Km laser ranging system that can convert the known range into a digital symbol. The system is small and portable, can be mounted on a standard M16A2 rail system, is ruggedized, Bluetooth and PRC adaptable, and provides GPS ten digit grid accuracy or equivalent Lat/Long with elevation and sender to receiver range.									
COST (\$ in Millions)	FY 2006	FY 2007	FY 2008	FY 2009					
Accomplishment/Effort Subtotal Cost	0.000	0.996	0.000	0.000					
RDT&E Articles Qty									
MSIMP-CH Marine Sensor Int C9A07: The objective of the effort is to develop the new concept/technology based on the Marine Corps Systems Command SBIR contract with Eureka Aerospace for "through-the-wall" imaging capabilities. Successful implementation will provide the capability for high-resolution 3-D visualization of the objects, including people, weapons and other materiel, on the other side of the wall using extremely broadband microwave technology. The requirement is to be able to see who and what is inside a building prior to Marines entering. The system will also be able to spot booby traps and exit routes for the enemy. The system will also help to validate that the Marines are attacking the correct building.									

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EXHIBIT R-2a, RDT&E Project Justification			DATE: February 2006							
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND NAME								
RDT&E, N /BA-4 Demonstration/Validation	0603635M Marine Corps Ground Combat/Support Arms Systems	C9999 CONGRESSIONAL ADDS								
COST (\$ in Millions)	FY 2006	FY 2007	FY 2008	FY 2009						
Accomplishment/Effort Subtotal Cost	0.000	0.996	0.000	0.000						
RDT&E Articles Qty										
MOLDABLE FABRIC ARMOR C9A08: This Congressional Add funds moldable fabric armor which is a lightweight, easily transportable and versatile armor supplement.										
(U) Total \$	8.619	5.280	0.000	0.000						
(U) PROJECT CHANGE SUMMARY:										
	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>						
(U) FY 2007 President's Budget:	9.000	0.000	0.000	0.000						
(U) Adjustments from the President's Budget:										
(U) Congressional Program Reductions	-0.090									
(U) Congressional Rescissions										
(U) Congressional Increases		5.300								
(U) Reprogrammings										
(U) SBIR/STTR Transfer	-0.252									
(U) Minor Affordability Adjustments	-0.039	-0.020								
(U) FY 2008 President's Budget:	8.619	5.280	0.000	0.000						
CHANGE SUMMARY EXPLANATION:										
(U) Funding: See Above.										
(U) Schedule: Not Applicable.										
(U) Technical: Not Applicable.										
(U) C. OTHER PROGRAM FUNDING SUMMARY:										
<u>Line Item No. & Name</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>To Compl</u>	<u>Total Cost</u>
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
(U) Related RDT&E: Not Applicable.										
(U) D. ACQUISITION STRATEGY:										
(U) E. MAJOR PERFORMERS:										