

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R-2 Exhibit)							February 2003				
BUDGET ACTIVITY 4 - Advanced Component Development and Prototypes				PE NUMBER AND TITLE 0603804A - Logistics and Engineer Equipment - Adv Dev							
COST (In Thousands)		FY 2002 Actual	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	Cost to Complete	Total Cost
Total Program Element (PE) Cost		7412	9243	12008	10713	17676	21495	22372	21881	Continuing	Continuing
526	MARINE ORIENT LOG EQ AD	3232	3242	3759	3824	3996	3213	4521	4426	0	32426
G10	ADV TAC PWR SOURCES AD	3	0	0	0	0	0	0	0	0	3280
G11	ADV ELEC ENERGY CON AD	871	1480	1501	1477	2831	3426	4003	3204	Continuing	Continuing
G14	MATERIALS HANDLING EQUIPMENT - AD	193	187	197	197	196	196	196	196	0	1380
K39	FIELD SUSTAINMENT SUPPORT AD	879	0	6074	4737	10178	10265	10196	10680	Continuing	Continuing
K41	WATER AND PETROLEUM DISTRIBUTION - AD	2234	4334	477	478	475	4395	3456	3375	0	25260
<p><b><u>A. Mission Description and Budget Item Justification:</u></b> This program supports advanced component development and prototypes of new and improved technologies for combat support and combat service support equipment essential to sustaining combat operations. Advancements in watercraft, bridging, electric power generators and batteries, potable water, material-handling, environmental control and petroleum equipment are necessary to improve safety and increase the tactical mobility, operational capability, lethality and survivability on the digital battlefield and to provide for greater sustainment while reducing the logistics support burden.</p> <p>These systems support the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).</p>											

**ARMY RDT&E BUDGET ITEM JUSTIFICATION (R-2 Exhibit)****February 2003****BUDGET ACTIVITY****4 - Advanced Component Development and Prototypes****PE NUMBER AND TITLE****0603804A - Logistics and Engineer Equipment - Adv Dev**

<b><u>B. Program Change Summary</u></b>	<b>FY 2002</b>	<b>FY 2003</b>	<b>FY 2004</b>	<b>FY 2005</b>
Previous President's Budget (FY 2003)	6399	11419	9443	9166
Current Budget (FY 2004/2005 PB)	7412	9243	12008	10713
Total Adjustments	1013	-2176	2565	1547
Congressional program reductions		-1760	2565	1547
Congressional rescissions		-156		
Congressional increases				
Reprogrammings	1176			
SBIR/STTR Transfer	-163	-260		
Adjustments to Budget Years				

Explanation of changes:K39 Renamed to Field Sustainment Support from Environmental Systems and adds funding.

<b>ARMY RDT&amp;E BUDGET ITEM JUSTIFICATION (R-2A Exhibit)</b>							<b>February 2003</b>			
BUDGET ACTIVITY <b>4 - Advanced Component Development and Prototypes</b>				PE NUMBER AND TITLE <b>0603804A - Logistics and Engineer Equipment - Adv Dev</b>				PROJECT <b>526</b>		
COST (In Thousands)	FY 2002 Actual	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	Cost to Complete	Total Cost
526     MARINE ORIEN LOG EQ AD	3232	3242	3759	3824	3996	3213	4521	4426	0	32426
<p><b><u>A. Mission Description and Budget Item Justification:</u></b> Supports advanced component development and prototype equipment for the Army's Logistics-Over-The-Shore (LOTS) missions. Chief among this equipment is the Theater Support Vessel (TSV). The Objective TSV will operate at speeds up to four times as great as the current Logistics Support Vessel (LSV) fleet. This will provide the Army with capability to support operational maneuver from standoff distance; by-pass land-based chokepoints, and reduce the logistics footprint in the Area of Responsibility. This ability to transport both troops and their equipment, and to provide an Enroute Mission Planning and Rehearsal System, does not exist today.</p> <p>The evolutionary acquisition features the current lease of a commercial fast ferry (in cooperation with the U.S. Navy (HSV X-1)), and a lease for another (more capable) fast ferry (TSV-1X), for technology demonstration purposes, currently funded in PE 0604804A.</p> <p>These systems support the Legacy-to-objective transition path of the Transformation Campaign Plan (TCP).</p>										
<b><u>Accomplishments/Planned Program</u></b>							<b>FY 2002</b>	<b>FY 2003</b>	<b>FY 2004</b>	<b>FY 2005</b>
Continue support for TSV advanced development to include programmatic documentation.							0	3242	3759	3824
Obtain Theater Support Vessel (TSV) Decision Review (pre Milestone B), develop TEMP, and verify TSV performance requirements.							2972	0	0	0
Complete program documentation, i.e. purchase description (PD), Modified Integrated Program Summary (MIPS) for the Harbormaster Command and Control Center (HCCC).							260	0	0	0
<b>Totals</b>							<b>3232</b>	<b>3242</b>	<b>3759</b>	<b>3824</b>

# ARMY RDT&E BUDGET ITEM JUSTIFICATION (R-2A Exhibit)

February 2003

## BUDGET ACTIVITY

**4 - Advanced Component Development and Prototypes**

## PE NUMBER AND TITLE

**0603804A - Logistics and Engineer Equipment - Adv  
Dev**

## PROJECT

**526**

### B. Other Program Funding Summary

	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>To Compl</u>	<u>Total Cost</u>
RDTE, 0604804A, 461, Marine Oriented Logistics, Engineering	10925	37046	61923	65935	3326	5175	5174	2989	Continuing	Continuing
OPA 3, M11200, Logistic Support Vessel (LSV)	25817	10800	0	0	0	0	0	0	0	36617
OPA 3, M11203, Theatre Support Vessel(TSV)	0	0	0	0	33218	33197	356511	373005	Continuing	Continuing

**C. Acquisition Strategy:** TSV technical efforts will be conducted primarily with the Naval Surface Warfare Center (NSWC). NSWC can call on both in-house and contract resources (based on workload and expertise) to cover Army requirements. The Acquisition Strategy calls for evolutionary/spiral development of commercial based technology with military adaptations.

ARMY RDT&E COST ANALYSIS(R-3)									February 2003			
BUDGET ACTIVITY <b>4 - Advanced Component Development and Prototypes</b>					PE NUMBER AND TITLE <b>0603804A - Logistics and Engineer Equipment - Adv Dev</b>					PROJECT <b>526</b>		
I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2003 Cost	FY 2003 Award Date	FY 2004 Cost	FY 2004 Award Date	FY 2005 Cost	FY 2005 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . TSV Studies/Development	PWD	TBD	1942	0		1439	1-4Q	1004		Continue	4385	0
b . TSV - composite prototype hull design	MIPR	Naval Underwater Warfare Center, Newport, R.I.	0	1600	2-4Q	0		0		0	1600	0
Subtotal:			1942	1600		1439		1004		Continue	5985	0
II. Support Cost	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2003 Cost	FY 2003 Award Date	FY 2004 Cost	FY 2004 Award Date	FY 2005 Cost	FY 2005 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . TSV/Matrix Support	MIPR	TACOM CBU, Warren, MI	139	420	2-3Q	420	1-4Q	420	1-4Q	Continue	Continue	Continue
b . TSV - composite prototype hull design	MIPR	CASCOM, Ft. Lee, VA	229	400	2-3Q	400	2Q	400	2Q	Continue	Continue	Continue
c . TSV/Matrix Support	MIPR	TARDEC, Warren, MI/ICI	170	0		0		0		0	170	Continue
d . TSV/In-house	MIPR	PM Force Projection, Warren, MI	832	672	2Q	1000	2Q	1500	2Q	Continue	4004	Continue
e . TSV - composite prototype hull design	MIPR	USAEC, Ft. Eustis, VA	100	0		0		0		0	100	0

ARMY RDT&E COST ANALYSIS(R-3)									February 2003			
BUDGET ACTIVITY 4 - Advanced Component Development and Prototypes					PE NUMBER AND TITLE 0603804A - Logistics and Engineer Equipment - Adv Dev					PROJECT 526		
II. Support Cost (continued)	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2003 Cost	FY 2003 Award Date	FY 2004 Cost	FY 2004 Award Date	FY 2005 Cost	FY 2005 Award Date	Cost To Complete	Total Cost	Target Value of Contract
f . Harbormaster Command and Control Center (HCCC)/Matrix Support	MIPR	TARDEC, Warren, MI	107	0		0		0		0	107	0
g . HCCC/In-house	MIPR	PM Force Projection, Warren, MI	53	0		0		0		0	53	0
Subtotal:			1630	1492		1820		2320		Continue	Continue	Continue
III. Test and Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2003 Cost	FY 2003 Award Date	FY 2004 Cost	FY 2004 Award Date	FY 2005 Cost	FY 2005 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . TSV	MIPR	DTC/ATEC, MD	421	150	2-3Q	500	2Q	500	2Q	Continue	Continue	Continue
b . Harbormaster Command and Control Center (HCCC)	MIPR	USATCFE, Ft. Eustis, VA	100	0		0		0		0	100	0
Subtotal:			521	150		500		500		Continue	Continue	Continue

ARMY RDT&E COST ANALYSIS(R-3)									February 2003			
BUDGET ACTIVITY 4 - Advanced Component Development and Prototypes					PE NUMBER AND TITLE 0603804A - Logistics and Engineer Equipment - Adv Dev					PROJECT 526		
IV. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2003 Cost	FY 2003 Award Date	FY 2004 Cost	FY 2004 Award Date	FY 2005 Cost	FY 2005 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . TSV/In-house	MIPR	PM Force Projection, TACOM, Warren, MI	510	0		0		0		0	510	Continue
Subtotal:			510	0		0		0		0	510	Continue
Project Total Cost:			4603	3242		3759		3824		Continue	Continue	Continue

Schedule Profile Detail (R-4a Exhibit)						February 2003		
BUDGET ACTIVITY <b>4 - Advanced Component Development and Prototypes</b>			PE NUMBER AND TITLE <b>0603804A - Logistics and Engineer Equipment - Adv Dev</b>				PROJECT <b>526</b>	
<u>Schedule Detail</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
Theatre Support Vessel Concept Development	2-3Q	2-4Q	1-4Q	1-4Q				



<b>ARMY RDT&amp;E BUDGET ITEM JUSTIFICATION (R-2A Exhibit)</b>							<b>February 2003</b>			
BUDGET ACTIVITY <b>4 - Advanced Component Development and Prototypes</b>				PE NUMBER AND TITLE <b>0603804A - Logistics and Engineer Equipment - Adv Dev</b>				PROJECT <b>G11</b>		
COST (In Thousands)	FY 2002 Actual	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	Cost to Complete	Total Cost
G11      ADV ELEC ENERGY CON AD	871	1480	1501	1477	2831	3426	4003	3204	Continuing	Continuing
<p><b><u>A. Mission Description and Budget Item Justification:</u></b>The Mobile Electric Power (MEP) program was established by the Department of Defense to develop a Modernized, Standard Family of Mobile Electric Power Sources for all Services throughout the Department of Defense. This project provides concept and technology development that will improve the performance, mobility, readiness and survivability of the next generation power sources in support of the Army. It support initiatives that are essential to the development and fielding to modernized mobile electric power (MEP) sources from 0.5 KW to 920 KW that comply with environmental statutes and provide lower noise, improved fuel and electrical efficiency, significantly reduced weight, enhanced portability, improved reliability, and maintainability.</p> <p>This system supports the Legacy to Objective transition path of the Transformation Campaign Plan (TCP).</p>										
<b><u>Accomplishments/Planned Program</u></b>							<b><u>FY 2002</u></b>	<b><u>FY 2003</u></b>	<b><u>FY 2004</u></b>	<b><u>FY 2005</u></b>
Completed testing of Advanced Medium Mobile Power Sources (AMMPS) prototype components.							871	0	0	0
Initiate Man Portable Power (MPP) Program.							0	1380	0	0
Investigate availability of commercial technology and components to be used for development of a new intelligent Power Management Distribution System (PMDS)							0	100	100	0
Test and assess commercially available components for MPP.							0	0	1401	0
Develop MPP proof of principle prototype.							0	0	0	1477
<b>Totals</b>							<b>871</b>	<b>1480</b>	<b>1501</b>	<b>1477</b>

<b>ARMY RDT&amp;E BUDGET ITEM JUSTIFICATION (R-2A Exhibit)</b>								<b>February 2003</b>		
BUDGET ACTIVITY <b>4 - Advanced Component Development and Prototypes</b>				PE NUMBER AND TITLE <b>0603804A - Logistics and Engineer Equipment - Adv Dev</b>				PROJECT <b>G11</b>		
<b><u>B. Other Program Funding Summary</u></b>	<b><u>FY 2002</u></b>	<b><u>FY 2003</u></b>	<b><u>FY 2004</u></b>	<b><u>FY 2005</u></b>	<b><u>FY 2006</u></b>	<b><u>FY 2007</u></b>	<b><u>FY 2008</u></b>	<b><u>FY 2009</u></b>	<b><u>To Compl</u></b>	<b><u>Total Cost</u></b>
RDT&E:PE0604804A, 194 Engine Driven Generators	4817	7296	5248	6644	7412	9292	5491	5127	Continuing	Continuing
OPA 3, MA9800 Generators and Associated Equipment	60475	77038	62853	66485	71966	69901	89802	87365	Continuing	Continuing
<p><b><u>C. Acquisition Strategy:</u></b> Complete advanced development and transition to system development and demonstration phase and transition to production.</p>										

ARMY RDT&E COST ANALYSIS(R-3)									February 2003			
BUDGET ACTIVITY <b>4 - Advanced Component Development and Prototypes</b>					PE NUMBER AND TITLE <b>0603804A - Logistics and Engineer Equipment - Adv Dev</b>					PROJECT <b>G11</b>		
I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2003 Cost	FY 2003 Award Date	FY 2004 Cost	FY 2004 Award Date	FY 2005 Cost	FY 2005 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . AMMPS Prototypes	TBD	TBD	141	0		0		0		Continue	Continue	0
b . MPP Components	MIPR	CECOM - Belvoir	0	720	1Q	250	1Q	0		Continue	Continue	0
c . PMDS Components	TBD		0	60	1Q	0		0		Continue	Continue	0
d . MPP Prototypes	MIPR	CECOM - Belvoir	0	0		0		860	1Q	Continue	Continue	0
Subtotal:			141	780		250		860		Continue	Continue	0
II. Support Cost	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2003 Cost	FY 2003 Award Date	FY 2004 Cost	FY 2004 Award Date	FY 2005 Cost	FY 2005 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . AMMPS Prototypes	TBD	TBD	730	0		0		0		Continue	Continue	0
b . MPP Components	MIPR	CECOM-Belvoir	0	360	1Q	310	1Q	0		Continue	Continue	0
c . PMDS Components	MIPR	CECOM-Belvoir	0	40	1Q	40	1Q	0		Continue	Continue	0
d . MPP Prototypes	MIPR	CECOM-Belvoir	0	0		0		425	1Q	Continue	Continue	0
Subtotal:			730	400		350		425		Continue	Continue	0

ARMY RDT&E COST ANALYSIS(R-3)									February 2003			
BUDGET ACTIVITY 4 - Advanced Component Development and Prototypes					PE NUMBER AND TITLE 0603804A - Logistics and Engineer Equipment - Adv Dev					PROJECT G11		
III. Test and Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2003 Cost	FY 2003 Award Date	FY 2004 Cost	FY 2004 Award Date	FY 2005 Cost	FY 2005 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . AMMPS Prototypes	TBD	TBD	441	0		0		0		Continue	Continue	0
b . MPP Components	MIPR	CECOM-Belvoir	0	150	1Q	691	1Q	42	1Q	Continue	Continue	0
c . PMDS Components	MIPR	CECOM-Belvoir	0	0		60	1Q	0		Continue	Continue	0
d . MPP Prototypes	MIPR	CECOM-Belvoir	0	0		0		0		Continue	Continue	0
Subtotal:			441	150		751		42		Continue	Continue	0
IV. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2003 Cost	FY 2003 Award Date	FY 2004 Cost	FY 2004 Award Date	FY 2005 Cost	FY 2005 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . AMMPS Prototypes	TBD	TBD	250	0		0		0		Continue	Continue	0
b . MPP Components	In-house	PEO In-house	0	150	1Q	150	1Q	0		Continue	Continue	0
c . MPP Prototypes	In-House	PEO In-house	0	0		0		150	1Q	Continue	Continue	0

<b>ARMY RDT&amp;E COST ANALYSIS(R-3)</b>										<b>February 2003</b>		
BUDGET ACTIVITY <b>4 - Advanced Component Development and Prototypes</b>					PE NUMBER AND TITLE <b>0603804A - Logistics and Engineer Equipment - Adv Dev</b>					PROJECT <b>G11</b>		
IV. Management Services (continued)	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2003 Cost	FY 2003 Award Date	FY 2004 Cost	FY 2004 Award Date	FY 2005 Cost	FY 2005 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Subtotal:			250	150		150		150		Continue	Continue	0
Project Total Cost:						1501		1477		Continue	Continue	0

Schedule Profile Detail (R-4a Exhibit)							February 2003	
BUDGET ACTIVITY <b>4 - Advanced Component Development and Prototypes</b>				PE NUMBER AND TITLE <b>0603804A - Logistics and Engineer Equipment - Adv Dev</b>				PROJECT <b>G11</b>
<u>Schedule Detail</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
Complete testing of AMMPS prototype components	4Q							
Initiate MPP Program		1Q						
Initiate PMDS Program		1Q						
Initiate testing of the PMDS components			1Q					
Test and assess commercially available MPP components			1Q					
Develop MPP proof of principle prototype using best available commercial components				1Q				
Complete MPP proof of principle prototype					2Q			
Initiate test and evaluation of MPP proof of principle prototype					3Q			
Complete test and evaluation of MPP proof of principle prototype						2Q		
Transfer MPP program to System Development and Demonstration						2Q		
Initiate Large Advanced Mobile Power Sources (LAMPS) Program						2Q		
Complete engineering assessment and component market surveys for LAMPS							2Q	
Test and assess commercially available components for LAMPS								1Q

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BUDGET ACTIVITY				PE NUMBER AND TITLE				PROJECT			
4 - Advanced Component Development and Prototypes				0603804A - Logistics and Engineer Equipment - Adv Dev				K39			
COST (In Thousands)		FY 2002 Actual	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	Cost to Complete	Total Cost
K39	FIELD SUSTAINMENT SUPPORT AD	879	0	6074	4737	10178	10265	10196	10680	Continuing	Continuing
<p><b>A. Mission Description and Budget Item Justification:</b> This project supports development of critical soldier support and sustainment systems such as shelter systems (rigid and soft wall), showers, latrines, heaters, environmental control units and other combat service support equipment that will improve unit sustainability and combat effectiveness. This project also supports Advanced Component Development and Prototyping of Critical Distribution Capabilities to include: cargo aerial delivery systems, improved safety and accuracy, increased survivability of aircraft, personnel, and equipment. Supports the development of tactical rigid-wall shelters which provide highly mobile, joint service platforms for the digitization of the battlefield, housing of critical vehicle-mounted battlefield systems, medical care capabilities and high tech maintenance. This project develops critical enablers that support the Quarter Master(QM) Force Transformation Strategy.</p> <p>This project supports the Legacy-to-Objective transition path of the Army's Transformation Campaign Plan (TCP).</p>											
<b>Accomplishments/Planned Program</b>							<b>FY 2002</b>	<b>FY 2003</b>	<b>FY 2004</b>	<b>FY 2005</b>	
Conduct Milestone B, prepare and award developmental contract, and initiate prototype design of the Clothing Repair System (CRS).							0	0	500	408	
Acquire test prototypes, conduct Test and Evaluation on Cargo Bed Covers (CBCs) type 5 & 6. Initiate program documentation and complete Milestone C for Type 5 & 6.							0	0	626	0	
Fabricated 9k, 18k, and 36k British Thermal Unit (BTU) Improved Environmental Control Unit (IECU) prototypes for initial evaluation of operational suitability and contract down-select.							879	0	0	0	
Conduct testing of Extraction Parachute Jettison Device (Heavy) (EPJS(H)) to evaluate the integration of subsystems and components coupled with aircraft compatibility. Conduct Milestone C.							0	0	700	0	
Complete Market Investigation and consolidate existing data to support a Milestone B Decision on the Precision Airdrop System. Conduct initial testing to evaluate integrated technologies and assess integration risks.							0	0	0	1486	
Fabricate Ballistic Protection System prototypes for initial evaluation, operational suitability, and contract down-select.							0	0	898	0	
Conduct testing of Low Cost Aerial Delivery System (LCADS) to evaluate subsystems and components and aircraft compatibility.							0	0	1350	854	
Fabricate Space Heater Convective prototypes for initial evaluation of operational suitability.							0	0	600	0	

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<u>Accomplishments/Planned Program (continued)</u>								<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>
Fabricate 9k British Thermal Unit (BTU) horizontal and 18k BTU vertical 3-phase IECU prototypes for initial evaluation of operational suitability and contract down-select.								0	0	1400	1000
Complete Market Investigation and consolidate existing data to support a Milestone B Decision on the Advanced Low-Velocity Airdrop (Heavy) Capability. Initiate evaluation of integrated technologies and assess integration risks.								0	0	0	989
Totals								879	0	6074	4737
<u>B. Other Program Funding Summary</u>		<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>To Compl</u>	<u>Total Cost</u>
OPA3, MF9000 Control Unit, Environmental		7163	14423	13544	17377	10416	21353	28421	28206	Continuing	Continuing
<p><u>C. Acquisition Strategy:</u>Accelerate product development and testing to transition to System Development &amp; Demonstration and/or Production.</p>											



ARMY RDT&E COST ANALYSIS(R-3)									February 2003			
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I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2003 Cost	FY 2003 Award Date	FY 2004 Cost	FY 2004 Award Date	FY 2005 Cost	FY 2005 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . Soldier Support Equipment	In-House	PM Forces Sustainment Sys (FSS), Natick	0	0		1400	1-4Q	950	1-4Q	Continue	Continue	0
b . Soldier Support Equipment	Contracts	Various	879	0		2150	1-2Q	1079	1-2Q	Continue	4108	0
Subtotal:			879	0		3550		2029		Continue	Continue	0
II. Support Cost	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2003 Cost	FY 2003 Award Date	FY 2004 Cost	FY 2004 Award Date	FY 2005 Cost	FY 2005 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Subtotal:			0	0		0		0		0	0	0

ARMY RDT&E COST ANALYSIS(R-3)									February 2003			
BUDGET ACTIVITY <b>4 - Advanced Component Development and Prototypes</b>					PE NUMBER AND TITLE <b>0603804A - Logistics and Engineer Equipment - Adv Dev</b>					PROJECT <b>K39</b>		
III. Test and Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2003 Cost	FY 2003 Award Date	FY 2004 Cost	FY 2004 Award Date	FY 2005 Cost	FY 2005 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . Soldier Support Equipment	MIPR	DTC, MD and ATC, MD	0	0		200	1-4Q	150	1-4Q	Continue	Continue	0
b . Soldier Support Equipment	MIPR	Yuma Proving Ground, AZ	0	0		1500	1-4Q	1808	1-4Q	Continue	3308	0
Subtotal:			0	0		1700		1958		Continue	Continue	0
IV. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2003 Cost	FY 2003 Award Date	FY 2004 Cost	FY 2004 Award Date	FY 2005 Cost	FY 2005 Award Date	Cost To Complete	Total Cost	Target Value of Contract
a . Project Management Support	In-House	PM Forces Sustainment Sys (FSS), Natick	0	0		824	1-4Q	750	1-4Q	Continue	1574	0
Subtotal:			0	0		824		750		Continue	1574	0
Project Total Cost:			879	0		6074		4737		Continue	Continue	0

Schedule Profile Detail (R-4a Exhibit)							February 2003	
BUDGET ACTIVITY <b>4 - Advanced Component Development and Prototypes</b>				PE NUMBER AND TITLE <b>0603804A - Logistics and Engineer Equipment - Adv Dev</b>				PROJECT <b>K39</b>
<u>Schedule Detail</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
9k, 18k, and 36k BTU IECU contract down-select.		4Q						
Conduct Milestone B Decision on the Clothing Repair System.			1Q					
Conduct Milestone C Decision on Cargo Bed Cover variants 5 and 6.			4Q					
Conduct Milestone B Decision on the Advanced Low-Velocity Airdrop (Heavy) Capability.				3Q				
Conduct Milestone C Decision of The Extraction Parachute Jettison System - Heavy			4Q					
Transition the Clothing Repair System to System Development and Demonstration (SDD).				4Q				