	ARMY RDT&E BUDGET IT	1	February 2006							
	SET ACTIVITY stem Development and Demonstration	PE NUMBER A 0604604A -			РРОЈЕСТ H07					
	COST (In Thousands)	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	Cost to Complete	Total Cost
H07	FAMILY OF MED TAC VEH	12540	18518	1925	2010	1945	1811	1875	0	48377

A. Mission Description and Budget Item Justification: This program element supports continued modernization of the Army's medium truck fleet. The Family of Medium Tactical Vehicles (FMTV) replaces aging M35 2 1/2-ton trucks, and M809 and M900 Series 5-ton trucks that are beyond their economic useful life of 20-22 years. FMTV fills 2 1/2-ton Light Medium Tactical Vehicle (LMTV) and 5-ton truck Medium Tactical Vehicles (MTV) requirements, performs over 55% of the Army's local and line haul, and unit resupply missions, and operates throughout the theater as multi-purpose transportation vehicles in combat, combat support and combat service support units. This system rapidly deploys worldwide and operates on primary and secondary roads, trails, and cross-country terrain in all climatic conditions. This funds government technical insertion initiatives that will feed into implementation of the Tactical Wheeled Vehicle Transformation Strategy, as a bridge to future tactical vehicle efforts, such as the Future Tactical Truck System (FTTS). This PE resolves mechanical anomalies and deficiencies reported by the field. FY07 funding will be used for Embedded Diagnostics, and to continue Limited User Tests and the Demonstrator project.

Accomplishments/Planned Program	FY 2005	FY 2006	FY 2007
Survivability Improvements (Engr Studies/Prototype Analysis)	500	0	0
Dump 10 Ton (Hardware Development/Test/TDP)	199	0	0
Alternative Propulsion System - Hybrid (Engr Studies/Component Integration)	500	0	0
Demonstrator/Prototype (Development/Test)	9410	13000	1479
FMTV Weight/Cost Reduction	1692	0	0
Limited User Test (LUT) (LHS, ExVan, 10T Dump)	239	1618	446
Embedded Diagnostics	0	3900	0
Total	12540	18518	1925

ARMY RDT&E BUDGET	ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)														
BUDGET ACTIVITY		R AND TITLE		PROJECT											
5 - System Development and Demonstration	on	0604604A	A - MEDIU	M TACTIO	CAL VEHI	CLES		H07							
B. Program Change Summary		FY 2005	FY 2006	FY 2007											
Previous President's Budget (FY 2006)		14046	1886	1896											
Current BES/President's Budget (FY 2007)	12540	18518	1925												
Total Adjustments	-1506	16632	29												
Congressional Program Reductions			-81												
Congressional Rescissions		-6	-187												
Congressional Increases			16900												
Reprogrammings		-1500													
SBIR/STTR Transfer															
Adjustments to Budget Years				29											
Change Summary Explanation: FY 2006 + \$16900 C	Congressional A	Add.													
C. Other Program Funding Summary	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Compl	Total C						
OPA1 Family of Medium Tactical Vehicles (D15500)	1081251	441482	695121	782531	807607	702767	699582	7746033	12956						

<u>D. Acquisition Strategy</u> The engineering contractual efforts will be on a Cost Plus Fixed Fee (Level of Effort) basis. The procurement of vehicle platforms will use the current multiyear Firm Fixed Price (FFP) production contract.

ARMY RDT	&E COST	Γ ANALYSIS	(R3)						February 2006						
BUDGET ACTIVITY 5 - System Development	and Demons	tration	PE NUMBI 0604604			РRОЈЕСТ H07									
I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Cost To Complete	Total Cost	Target Value of Contract			
Load Handling System (LHS)	SS-CPFF	Stewart & Stevenson, Sealy, TX	3319	0		0		0		0	3319	0			
Dump - 10T - Prototype Dev	SS-CPFF	Stewart & Stevenson, Sealy, TX	3290	199	1-3Q	0		0		0	3489	0			
Alternative Propulsion System	C-CPFF	Sverdrup Tech, Inc Ft. Walton Beach, FL	759	500	1Q	0		0		0	1259	0			
Demonstrator	SS-FFP	General Purpose Vehicles, LLC New Haven, MI	1095	2137	2-3Q	0		0		0	0	0			
Survivability Improvements	SS-CPFF	Stewart & Stevenson, Sealy,TX	0	500		0		0		0	500	0			
Demonstrator	SS-CPFF	Stewart & Stevenson, Sealy, TX	0	7273	2-3Q	0		0		0	0	0			
FMTV Weight/Cost Reduction	SS-CPFF	Stewart & Stevenson, Sealy, TX	0	1692	2-3Q	0		0		0	1692	0			
Other			2136	0		0		0		0	2136	0			
Demonstrator	TBD	TBD	0	0		13000	3-4Q	1479	1-2Q	0	0	0			
Embedded Diagnostics	TBD	TBD	0	0		3900	3Q	0		0	0	0			
Subt	otal:		10599	12301		16900		1479		0	12395	0			
II. Support Costs	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Cost To Complete	Total Cost	Target Value of Contract			
Subt	otal:	•	0												
Remarks: Not Applicable															
III. Test And Evaluation	Contract	Performing Activity &	Total	FY 2005	FY 2005	FY 2006	FY 2006	FY 2007	FY 2007	Cost To	Total	Target			

ARMY RDT&E COST ANALYSIS (R3)															
BUDGET ACTIVITY 5 - System Development and Demonstration					PE NUMBER AND TITLE 0604604A - MEDIUM TACTICAL VEHICLES										
Method & Location Type					Cost	Award Date	Cost		Complete	Cost	Value o Contrac				
MIPR/PO	Ft. Campbell, KY	2235	239	2-4Q	0		0		0	0	(
MIPR/PO	ATC, Aberdeen Proving Grounds, MD	2144	0		0		0		0	2144	(
MIPR/PO	ATEC, Various Test Sites	0	0		1618	1-4Q	446	1Q	0	0	(
ւլ։		4379	239		1618		446		0	2144	(
Method & Type	Location	PYs Cost	Cost	Award Date	Cost	Award Date	Cost			Cost	Targe Value o Contrac				
		<u> </u>								l					
Project Total Cost:				1	18518		1925		0	14539					
	Method & Type MIPR/PO MIPR/PO MIPR/PO l: Contract Method &	Method & Location Type MIPR/PO Ft. Campbell, KY MIPR/PO ATC, Aberdeen Proving Grounds, MD MIPR/PO ATEC, Various Test Sites l: Contract Method & Location Type Location	Method & Location PYs Cost Type	Method & Type Location PYs Cost Cost PYs Cost PYs Cost Type MIPR/PO Ft. Campbell, KY 2235 239 MIPR/PO ATC, Aberdeen Proving Grounds, MD 2144 0 MIPR/PO ATEC, Various Test Sites 0 0 I: 4379 239 Contract Method & Type Performing Activity & Total PYs Cost Cost Type	Method & Type Location PYs Cost Date Cost Date Award Date MIPR/PO Ft. Campbell, KY 2235 239 2-4Q MIPR/PO ATC, Aberdeen Proving Grounds, MD 2144 0 0 MIPR/PO ATEC, Various Test Sites 0 0 0 I: 4379 239 Contract Method & Location Type Performing Activity & Total Pys Cost Cost Award Date	Method & Type Location PYs Cost Date Cost Date Award Date Cost Date MIPR/PO Ft. Campbell, KY 2235 239 2-4Q 0 MIPR/PO ATC, Aberdeen Proving Grounds, MD 2144 0 0 0 MIPR/PO ATEC, Various Test Sites 0 0 1618 1618 I: 4379 239 1618 1618 Contract Method & Location PYs Cost Cost Date Cost Date Cost Date	Method & Type Location PYs Cost Type Cost Date Award Date Cost Date Award Date MIPR/PO Ft. Campbell, KY 2235 239 2-4Q 0 0 MIPR/PO ATC, Aberdeen Proving Grounds, MD 2144 0 0 0 0 MIPR/PO ATEC, Various Test Sites 0 0 1618 1-4Q I: 4379 239 1618	Method & Type Location PYs Cost Type Cost Date Award Date Cost Date Award Date Cost Date MIPR/PO Ft. Campbell, KY 2235 239 2-4Q 0 0 0 MIPR/PO ATC, Aberdeen Proving Grounds, MD 2144 0 0 0 0 0 MIPR/PO ATEC, Various Test Sites 0 0 1618 1-4Q 446 1: 4379 239 1618 446 Contract Method & Type Performing Activity & Location Total PYs Cost Pys Cost Cost Award Date FY 2005 FY 2006 FY 2006 Award Date FY 2007 Award Date	Method & Type Location PYs Cost Type Cost Date Award Date Cost Date FY 2006 Date FY 2007 Date FY 2007 Date FY 2007 Date FY 2007 Date PY 2007 Date	Method & Location PYs Cost Cost Award Date Cost Date Award Date Cost Date Award Date Cost Date Award Date Cost Date FY 2005 Award Date FY 2006 Award Date FY 2007 Award Date Cost To Complete Date	Method & Location PYs Cost Pys				

Schedule Profile (R4 Exhibit)													February 2006												
BUDGET ACTIVITY 5 - System Development and Demonstration				PE NUMBER AND TITLE 0604604A - MEDIUM TACTICAL VEHICLES												ES	PROJECT H07								
 				FY 05 FY 06 FY 07 FY 08										7 09		FY 10 FY 11 1 2 3 4 1 2 3									
RESEARCH, DEVELOPMENT, TEST & EVALUATION	1	2	3	4	1	2	3	4	1	2 3	4	1	1 2	2 3	3 4	1	2	3	4	1	2	3	4	1	2 3
RESEARCH, DEVELOPMENT, TEST & EVALUATION																									
Load Handling System (LHS) - LUT																									
ExVan - LUT																									
10 Ton Dump	DT8	z E																							
10 Ton Dump - LUT																									
Demonstrator / Prototype Development		De	mons	trato	r / P	rotot	y <mark>pe</mark> I	Devel	opmer	ıt															
Technology Insertion																	Te	chnol	ogy	Inser	tion				
PROCUREMENT																									
A1 Rebuy Production						A1 I	Rebu	y Pr	oducti	on															
(1) Fielding IPR	1	Fie	eldin	g II	PR																				
(2) FUE		2	FUE	C																					
Follow-on Production																			Fol	low-o	n Pr	oduct	tion		

Schedule Detail (R4a Exhibit) BUDGET ACTIVITY 5 - System Development and Demonstration PE NUMBER AND TITLE 0604604A - MEDIUM TACTICAL VEHICLES PROJECT H07

Schedule Detail	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Dump 10T - Developmental Testing and Evaluation	1-3Q						
Limited User Test (LUT) - LHS		3Q					
Limited User Test (LUT) - ExVan		2Q					
Limited User Test (LUT) - 10T Dump		4Q	1Q				
Demonstrator / Prototype Development	1-4Q	1-4Q	1-4Q				
Technology Insertion				1-4Q	1-4Q	1-4Q	1-4Q
A1 Rebuy Production	1-4Q	1-4Q	1-4Q	1-4Q			
Fielding IPR	1Q						
First Unit Equipped (FUE)	2Q						
Follow-On Production					1-4Q	1-4Q	1-4Q