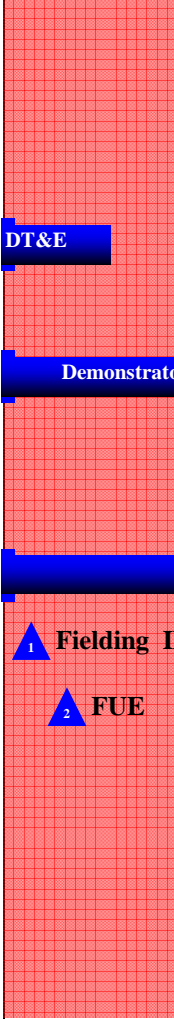












ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)								February 2006			
BUDGET ACTIVITY 5 - System Development and Demonstration			PE NUMBER AND TITLE 0604604A - MEDIUM TACTICAL VEHICLES					PROJECT H07			
COST (In Thousands)			FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 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.											
<u>Accomplishments/Planned Program</u>								<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	
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 COST ANALYSIS (R3)										February 2006		
BUDGET ACTIVITY 5 - System Development and Demonstration				PE NUMBER AND TITLE 0604604A - MEDIUM TACTICAL VEHICLES						PROJECT 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
Subtotal:			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
Subtotal:			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)									February 2006			
BUDGET ACTIVITY 5 - System Development and Demonstration			PE NUMBER AND TITLE 0604604A - MEDIUM TACTICAL VEHICLES							PROJECT H07		
	Method & Type	Location	PYs Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Complete	Cost	Value of Contract
Limited User Test (LUT)/Load Handling Sys	MIPR/PO	Ft. Campbell, KY	2235	239	2-4Q	0		0		0	0	0
Dump - 10T - PPQT	MIPR/PO	ATC, Aberdeen Proving Grounds, MD	2144	0		0		0		0	2144	0
Limited User Test s (LUTs) - LHS/Van/Dump	MIPR/PO	ATEC, Various Test Sites	0	0		1618	1-4Q	446	1Q	0	0	0
Subtotal:			4379	239		1618		446		0	2144	0
IV. Management Services	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
Subtotal:			0									
Remarks: Not Applicable												
Project Total Cost:			14978	12540		18518		1925		0	14539	0

Schedule Profile (R4 Exhibit)																		February 2006																					
BUDGET ACTIVITY								PE NUMBER AND TITLE																		PROJECT													
5 - System Development and Demonstration								0604604A - MEDIUM TACTICAL VEHICLES																		H07													
Event Name								FY 05				FY 06				FY 07				FY 08				FY 09				FY 10				FY 11							
								1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
RESEARCH, DEVELOPMENT, TEST & EVALUATION																																							
Load Handling System (LHS) - LUT																																							
ExVan - LUT																																							
10 Ton Dump																																							
10 Ton Dump - LUT																																							
Demonstrator / Prototype Development																																							
Technology Insertion																																							
PROCUREMENT																																							
A1 Rebuy Production																																							
(1) Fielding IPR												Fielding IPR																											
(2) FUE												FUE																											
Follow-on Production																																							

Schedule Detail (R4a Exhibit)					February 2006		
BUDGET ACTIVITY 5 - System Development and Demonstration		PE NUMBER AND TITLE 0604604A - MEDIUM TACTICAL VEHICLES				PROJECT H07	
<u>Schedule Detail</u>	<u>FY 2005</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>
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