

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)

May 2009

BUDGET ACTIVITY 5 - System Development and Demonstration		PE NUMBER AND TITLE 0605625A - Manned Ground Vehicle			
COST (In Thousands)	FY 2008 Actual	FY 2009 Estimate	FY 2010 Estimate	Cost to Complete	Total Cost
FC8 Manned Ground Vehicle			100000	Continuing	Continuing

A. Mission Description and Budget Item Justification: Based on recommendation to terminate the Manned Ground Vehicle Core Program of Record and subsequently restarted as a new combat vehicle program, this program element was established. The accomplishments and funding reflected in this justification are based on preliminary analysis of the new direction. Upon further resolution and detailed planning, adjustments may occur which could potentially change planned accomplishments, funding requirements, and program schedule will be established. The funding and accomplishments are a top-level attempt to incorporate the new direction to refocus the FCS MGV program. The funding is based on an independent assessment made by USD CAIG and PAE. Currently the requirements are being defined for this new combat vehicle program. Preliminary analysis suggest a contract award in the 3rd quarter FY10 to begin the development of the ICV (Bradley replacement).

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<u>B. Program Change Summary</u>	FY 2008	FY 2009	FY 2010
Previous President's Budget (FY 2009)			
Current BES/President's Budget (FY 2010)			100000
Total Adjustments			100000
Congressional Program Reductions			
Congressional Recissions			
Congressional Increases			
Reprogrammings			
SBIR/STTR Transfer			
Adjustments to Budget Years			100000

Change Summary Explanation: Funding - FY 10: Increase due to FCS program restructure.

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COST (In Thousands)	FY 2008 Actual	FY 2009 Estimate	FY 2010 Estimate	Cost to Complete	Total Cost	
FC8 Manned Ground Vehicle			100000	Continuing	Continuing	

A. Mission Description and Budget Item Justification: Please see Exhibit R-2.

<u>Accomplishments/Planned Program:</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
Contractor System Engineering and Program Management - Effort to begin initial requirement decomposition and initial design effort of the ICV (New Combat platform).			100000
Total			100000

<u>B. Other Program Funding Summary</u>	FY 2008	FY 2009	FY 2010	To Compl	Total Cost
0604660A FCS Manned Ground Vehicles & Common Grd Vehicle	635846	782664	368557	Continuing	Continuing
0604661A FCS System of Systems Engr & Program Management	1292514	1414756	1067191	Continuing	Continuing
0604662A FCS Reconnaissance (UAV) Platforms	42772	57190	68701	Continuing	Continuing
0604663A FCS Unmanned Ground Vehicles	78826	102976	125616	Continuing	Continuing
0604664A FCS Unattended Ground Sensors	22007	17011	26919	Continuing	Continuing
0604665A FCS Network Hardware & Software	724397	556301	749182	Continuing	Continuing
0604646A Non Line of Sight - Launch System	246071	208009	88660	Continuing	Continuing
0604647A Non Line of Sight Cannon	133139	89545	58216	Continuing	Continuing
0604666A FCS Spin Outs	84111	111032		Continuing	Continuing
060639A FCS MRM	43068	40731		Continuing	Continuing
WTCV G86100 FCS Core Program	78932	154127		Continuing	Continuing
WTCV G86200 FCS Spin Out Program	1370	67268	327921	Continuing	Continuing

Comment: Comp Programs:

ASTAMIDS, GSTAMIDS, WIN-T, JTRS-HMS, JTRS-GMR, JTRS-AMF, STARLite SAR/GMTI, JAVELIN, JCADS, JSLSCAD, DCGS-A, FBCB2, OneTESS, OneSAF

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PROJECT

FC8

C. Acquisition Strategy The initial plan to implement the new directive is to award a SDD contract in the 3rd FY10 to begin the design analysis required to support the restructure combat vehicle program.

ARMY RDT&E COST ANALYSIS (R3)

May 2009

BUDGET ACTIVITY			PE NUMBER AND TITLE							PROJECT		
5 - System Development and Demonstration			0605625A - Manned Ground Vehicle							FC8		
I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	FY 2010 Cost	FY 2010 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Contractor System Engineering and Prog. Mgt	TBD	TBD						100000	3Q		100000	
Subtotal:								100000			100000	
II. Support Costs	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	FY 2010 Cost	FY 2010 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Subtotal:												
III. Test And Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	FY 2010 Cost	FY 2010 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Subtotal:												
Remarks: All Test and Evaluation costs for this project are included in PE 0604661A, Project FC2 SoS Engineering and Program Management project.												
IV. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	FY 2010 Cost	FY 2010 Award Date	Cost To Complete	Total Cost	Target Value of Contract
New R3 Line												
Subtotal:												
Remarks: All Management Service costs for this project are included in 0604661 FC2 SoS Engineering and Program Management project.												
Project Total Cost:								100000			100000	

Schedule Profile (R4 Exhibit)

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Event Name	FY 08				FY 09				FY 10				FY 11				FY 12				FY 13				FY 14				FY 15			
	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	1	2	3	4
Requirement Analysis					Requirement Analysis																											
Contract SOW and Analysis					Contract SOW & Analysis																											
Contract Award													0																			

Schedule Detail (R4a Exhibit)

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<u>Schedule Detail</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>FY 2014</u>	<u>FY 2015</u>
Requirement Analysis		3Q - 4Q	1Q					
Contract SOW and Analysis			1Q - 2Q					
Contract Award			3Q					

Development of complete schedule for the new combat vehicle program is not completed and will be planned later this FY with the Army and OSD leadership.