

**“Project Management Using Earned Value”
Case Study Solution 4.1**



4.1

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**MOR-DED Motor Scooter
Control Account Depiction
(Part II)**

MOR-DED Motor Scooter Control Account Matrix (Part 1) SOLUTION

Organizational Elements		MOR-DED MOTOR SCOOTER																			
		1.0 Vehicle																			
		1.1 Power Source & Transmission *					1.2 Frame Assembly *				1.3 Suspension *										
		1.1.1 Engine					1.1.2 Power Trans		1.2.1 Frame	1.2.2 Seat	1.2.3 Fenders	1.2.4 Foot Pegs	1.3.1 Shock Absorbers	1.3.2 Wheels	1.3.3 Axles	1.3.4 Steering Assembly	1.4 Integration Assembly *				
		1.1.1.1 Engine Block	1.1.1.2 Fuel-Air System	1.1.1.3 Ignition System	1.1.1.4 Lubrication System	1.1.1.5 Instrumentation	1.1.2.1 Clutch	1.1.2.2 Trans Assembly													
PRESIDENT	Procurement Director *	Purchasing		X	X		X	X	X	X	X	X	X	X							
		Subcontracts				X		X											X		
	Controller	Finance																			
		Accounting																			
	Director Administration																				
	Legal																				
	Marketing Director																				
	Engineering Director *	Design Group	Electronics Design				X		X												
			Power Design Branch			X				X	X										
			Mechanical Design Branch		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		Test & Evaluation																			
		Engineer Design Group	Drafting Branch																		X
			Computer Services																		
	Model Shop								X												
	Director Manufacturing *	Production Control Group																		X	
		Manufacturing Engineering Group																		X	
		Tooling		X	X		X														
		Shops		X	X		X		X	X	X	X	X	X	X	X	X	X	X	X	
		Assembly																			X
	Director Quality Assurance *	Quality Assurance Department	RAM Group																		
Quality Engineering Group																					
Quality Control Department																			X		
Prog. Management Department *	MOR-DED Project Manager																				

* CUSTOMER REPORTING LEVEL

