Each student who attend the Arduino B

Parts for Robot / Arduino Group

		Count	Cost each	subtotal		
Main Controller						
	Romeo V2 w/ motor driver	1	$35.00	$35.00		
	Micro USB Cable	1	$6.00	$6.00		
Accessories						
	breadboards + jumper wires	1	$17.00	$17.00		
	photocells (from SR)	1	0	$0.00		
	buttons (from SR)	3	0	$0.00		
	Potentiometer (SR)	1	0	$0.00		
	box of resistor (esp. 100, 1000 & 10K, 4.7K) (from SR)	0	$10.00	$0.00		
	toggle switch	1	$3.00	$3.00		
	6AA battery holder	1	$2.19	$2.19		
Sensors						
	Parallax Ping	1	$30.00	$30.00		
	TCRT5000 Photoelectric Sensors Reflective Optical Ser	4	$ -	$ -		
Other Output Devices (Optional)						
	Standard lcd 16x2 - ID 181	1	$11.00	$11.00		
	i2c char LCD backpack	1	$10.00	$10.00		
					$114.19	
Do not purchase the following yet until further discussion at meeting.						
Motors						
	180 micro servo	1	$19.00	$19.00		
	Encoder pair for this Tamiya Twin motor	1	$16.00	$16.00		
	tamiya Twin-Motor (comes with chassis)	0	$10.00	$0.00		
Chassis						
	polo rp5/rover 5 expansion plate - narrow	1	$7.00	$7.00		
	polo rp5/rover 5 expansion plate - wide	1	$12.00	$12.00		
	DFRobotShop Rover chassis kit	1	$40.00	$40.00	$94.00	
					$208.19	
Possible Storage for each student: (These are just samples)						
Stanley 014725 25-Removable Compartment Organizer						
STanley STST14021 Sort Master Light Organizer						