Description	#	Purpose	Source	Unit Price	Units	Price
Mechanical						
Rubber Spider Coupler	2	Wheel Driving	Jameco	$1.50	2	$3.00
Shaft 3/16" (3 feet long)	2	Wheel Driving	Ace	$0.99	2	$1.98
Roller Blade Wheel	2	Wheel Driving	Black Diamond Sports	$5.00	2	$10.00
Bearing	4	Wheel Driving	Black Diamond Sports	$2.09	2	$4.18
Shaft 5/16" (1.5 feet long)	1	Wall Guide	Ace	$1.99	1	$1.99
Mesonite Plate 48" x 24" x 1/4"	1	Base / Arm	Mintons	$8.49	1	$8.49
Acrylic Plate 48" x 24" x 1/8"	1	Middle / Top	Nina	$0.00	1	$0.00
10-24 Screws	10	Connection	Ace	$0.21	10	$2.10
10-24 Nuts	10	Connection	Ace	$0.18	10	$1.80
3/16" Nuts	24	Connection	Ace	$0.21	24	$5.04
5/16" Nuts	8	Connection	Ace	$0.32	8	$2.56
Electronics						
Motor,GEAR,300RPM,12VDC @ 25MA	2	Wheel Driving	TA’s Office	$27.00	2	$54.00
SWITCH,SUB,SS-5GL2	3	Triggering	Jameco	$1.38	3	$4.14
Voltage Regulator	1	Voltage Reg.	TA’s Office	$1.00	1	$1.00
Photo-transistor	1	Beacon Sensing	Tool Kit	$0.00	1	$0.00
LM324	2	Photo-Transistor	Tool Kit	$0.00	2	$0.00
LM339	1	Photo-Transistor	Tool Kit	$0.00	1	$0.00
C32 Module	1	Micro-controller	TA’s Office	$0.00	1	$0.00
SN754410 Module	1	Motor Controller	TA’s Office	$0.00	1	$0.00
Molex Connector	2	Circuit	TA’s Office	$0.25	2	$0.50
Door Lock Motor	1	Triggering	Sal	$0.00	1	$0.00
Fuse	2	Circuit Protection	TA’s Office	$0.30	2	$0.60
Fuse holder	2	Circuit Protection	TA’s Office	$2.50	2	$5.00
IRFZ34N	1	Door Lock Motor	TA’s Office	$1.25	1	$1.25
TOTAL						**$107.63**