System	Item #	Description	Units	Unit Cost	Quantity	Total Cost
	1	1/4" Duron	32 sq ft	$27.46	0.16	$4.29
	2	1/8" Acrylic	8 sq ft	$18.56	0.13	$2.32
	3	3D Printing Filament		$43.00	1	$43.00
	4	1/8" Aluminum Hex Bar	1 ft	$1.21	1	$1.21
	5	Spring	1 in	$0.00	1	$0.00
	6	Retroreflective tape	1 ft	$0.00	4	$0.00
	7	Wheel		$1.50	2	$3.00
	8	Ball caster		$1.60	4	$6.39
	9	Foam wheel		$0.00	5	$0.00
Mechanical	10	Clear PETG sheet	sq ft	$4.00	1	$4.00
	11	Spider coupler		$1.95	4	$7.80
	12	Pillow block		$3.00	5	$15.00
	13	Fasteners	All	$10.00	1	$10.00
	14	Electrical tape		$1.97	1	$1.97
	15	Hot glue		$0.10	0.5	$0.05
	16	Velcro	Pk of 12	$2.93	1	$1.47
	17	Foam tubing	1 ft	$0.00	1	$0.00
	18	Epoxy		$0.00	1	$0.00
	19	Wood	sq ft	$0.00	0.25	$0.00
	20	Tape Sensor		$2.00	3	$6.00
	21	Limit Switch		$0.00	1	$0.00
	22	Power switch		$0.75	1	$0.75
Electrical Sensors	23	Motor power switch		$4.21	1	$4.21
	24	Magnetic Encoder Pair Kit		$8.95	1	$8.95
	25	Ultrasonic Sonar Distance Sensor		$3.95	1	$3.95
	26	Adafruit Color Sensor TCS34725		$0.00	1	$0.00
	27	On-Off-On Toggle Switch		$0.00	1	$0.00
	28	IR Receiver		$0.69	1	$0.69
	29	33GN2732-141-G-5 DC Motor		$0.00	2	$0.00
Electrical Actuators	30	Maxon motor		$0.00	1	$0.00
	31	Tower Pro MG996R Servo		$11.95	1	$11.95
	32	Tower Pro SG90 Servo		$0.00	2	$0.00
	33	MCP6294		$1.57	2	$3.14
Electrical ICs and Semiconductors	34	IRLZ34N		$1.25	1	$1.25
	35	2N7000		$0.07	1	$0.07
	36	LM339AN		$0.39	1	$0.39
	37	100 Resistor		$0.01	3	$0.03
	38	2.7K Resistor		$0.01	1	$0.01
	39	3.3K Resistor		$0.01	2	$0.02
	40	4.7K Resistor		$0.01	1	$0.01
	41	10K Resistor		$0.01	4	$0.04
	42	27K Resistor		$0.01	2	$0.02
	43	82K Resistor		$0.01	2	$0.02
Electrical Diodes, Resistors, and Capacitors	44	100K Resistor		$0.01	1	$0.01
	45	330K Resistor		$0.01	2	$0.02
	46	1M Resistor		$0.01	1	$0.01
	47	0.1 uF capacitor		$0.17	6	$1.02
	48	10uF capacitor		$0.06	1	$0.06
	49	100 uF capacitor		$0.09	6	$0.54
	50	Small LED		$0.00	1	$0.00
	51	Jumbo LED		$0.50	2	$1.00
	52	IR LED		$0.00	1	$0.00
	53	Silicon Diode		$0.00	1	$0.00
	54	Motor Driver Kit		$9.50	2	$19.00
	55	Battery		$13.50	2	$27.00
	56	5A Fuse		$0.08	1	$0.08
	57	Tiva		$0.00	1	$0.00
	58	Wire	ft	$0.10	50	$5.00
Electrical Miscellaneous	59	Perfboards		$0.50	5	$2.50
	60	Molex Connectors		$0.19	50	$9.50
	61	COMPASS		$0.00	1	$0.00
	62	2.1mm DC Power Plug		$2.31	1	$2.31
	63	5V buck converter		$1.78	1	$1.78
	64	Terminal block		$4.99	1	$4.99
	65	In-line fuse holder		$2.08	1	$2.08
Total						$218.89