Bil of Materials (BoM)

list #	component	type	#	retail price (JPY)	total price (JPY)	bought on
1	Arduino	UNO	2	1000	2000	purpose
2	LCD	LCM1602C	1	1000	1000	
3	LED	blue	1	100/10pc	10	
4	LED	green	1	100/10pc	10	
5	LED	yellow	1	100/10pc	10	
6	LED	red	1	100/10pc	10	
7	resistor	120Ohm	1	100/100pc	1	
8	resistor	150Ohm	2	100/100pc	2	
9	resistor	200Ohm	1	100/100pc	1	
10	resistor	220Ohm	1	100/100pc	1	
11	resistor	1MOhm	1	100/100pc	1	
12	soil moisture sensor	DFRobot	1	500	500	*
13	ambient light sensor	DFRobot	1	450	450	*
14	temp/humidity sensor	DFRobot DHT11	1	600	600	*
15	tact switch	square, 1cm	1	100/10pc	10	
16	prototype connection wire		20	200/20pc	200	
17	prototype board	long	1	300	300	
18	plastic support, flat	robodesigner	1			
19	plastic support, angled	robodesigner	1			
20	motor + gear	robodesigner	2	10000	10000	
21	omnidirectional wheel	robodesigner	1			
22	dual motor H-bridge	custom board	1	1400	1400	
23	metallic support	makeblock, 12	1			
24	metallic support	makeblock, 8	1			
25	metallic support	makeblock, 1	3			
26	metallic support	makeblock, angled	3	5000/part set	3000	
27	metallic support	makeblock, holed	1			
28	plastic support	makeblock, holed	1			
29	screws		30			
30	nuts		30	100/100pc	30	
31	rubber tube	20cm	2	100/cm	200	
32	motor	DC	1	200	200	
33	plastic scraps		a few			
34	pet bottles caps		2			
					GRAND TOTAL	
					19936	

NOTE: this project has been built with bits and pieces found around in my personal experiment lab.
Only a few pieces have been bought specifically for this project, namely the sensors.
I however include an estimate of the retailing price of the specific parts I used.