Part	Cost ($)	Vendor
12V 10Ah Duracell Battery	39.99	Batteries + Bulbs
Raspberry Pi 3B	35	Adafruit
Pelican 1150 Waterproof Case (with foam)	31.96	Amazon
3.3V, 8MHz Arduino Pro (ATmega328p Board)	15.95	Sparkfun
Datalogging Shield	15.95	Adafruit
Micro SD Card with Adapter	9.95	Mouser
5-Conductor Cable	9.11	Mouser
TSR_1-2450 Converter	5.48	Digikey
LIS3MDL Magnetometer + Breakout Board	4.95	Pololu
1725656 Terminal Block	1.66	Digikey
1725685 Terminal Block	4.1	Digikey
25LC1024-E/SM Connectors	3.09	Digikey
Anderson Powerpole Connectors	2.6	Amazon
Battery Lead Connectors	2.75	Grainger
ATmega328P-AU AVR Microchip	2.32	Digikey
Box Kit	2.1	Mouser
1920-1076-ND Cable Glands	1.75	Digikey
FQP27P06 MOSFET	1.78	Digikey
Strap Set: Gear Strapz (+5 Clasps)	1.52	Amazon
100NF 50V 0805 Capacitor	1.5	Mouser
1uF Ceramic Capacitors	0.92	Mouser
Stripboard	1.43	Mouser
10k Ohm Resistor	0.2	Digikey
4.7k Ohm Resistor	0.1	Digikey
In-Line Fuse Holder	4.21	Mouser
2N3904 Transistor	0.44	Mouser
Spacers	0.2	Mouser
Fuse	0.17	Mouser
Button	0.16	Mouser
Screws	0.17	Mouser
Nuts	0.12	Mouser
Serial Extender Housing Pack	0.16	Pololu
Total	201.79	