Name	Cost	Number of Parts	Total
DC Motor Wheels	7	4	28
DC Motor Encoders	15	4	60
DC Motor Driver L298N	11	1	11
Arduino Mega	25	2	25
nrf24	7.5	6	45
PH Sensor	25	1	25
Lidar	80	1	80
2 MP Camera	25	1	25
Gyroscope/ Accelerometer	11	1	11
GPS	13	1	13
Temp/Humidity Sensor	7	1	7
Joysticks	12	1	12
Buttons/Switches	9	1	9
Battery Pack	8	1	8
Soil Sensor	20	1	20
Stepper Motor + Driver Board	20	1	20
Rasbery Pi	50	1	50
Final			449
		$/person	149.6666667

Link
https://www.amazon.com/gp/product/B01M58POHF/ref=ox_sc_act_title_8?smid=A1EPDRGYFZ55O7&psc=1
https://www.amazon.com/gp/product/B07GNGCNK1/ref=ppx_yo_dt_b_asin_title_o02_s01?
https://www.amazon.com/HiLetgo-Controller-Stepper-H-Bridge-Mega2560/dp/B07BK1QL5T/ref=sr_1_3?crid=PO7WT2CY3QFN&keywords=l298n+motor+driver&qid=1668289682&sprefix=l29%2Caps%2C148&sr=8-3
https://www.amazon.com/LAFVIN-Board-ATmega328P-Micro-Controller-Arduino/dp/B07G9
https://www.amazon.com/gp/product/B01IK78PQA/ref=ppx_yo_dt_b_asin_title_o01_s01?ie
https://www.amazon.com/Teyleten-Robot-Acquisition-Alkalinity-Monitoring/dp/B09H1MJS4S/ref=sr_1_2?keywords=arduino+ph+sensor&qid=1667791944&sprefix=arduino+ph+%2Caps%2C174&sr=8-2
https://www.elektor.com/ydlidar-x4-lidar-360-degree-laser-range-scanner-10-m
https://www.amazon.com/Arducam-Module-Megapixels-Arduino-Mega2560/dp/B012UXNDOY
https://www.amazon.com/EPLZON-MPU-6050-Accelerometer-Gyroscope-Converter/dp/B09TW19SS5/ref=sr_1_1_sspa?keywords=arduino+gyroscope&qid=1666111274&qu=eyJxc2MiOiIzLjYyIiwicXNhIj oiMy44NyIsInFzcCI6IjMuMjQifQ%3D%3D&sprefix=arduino+gyr%2Caps%2C162&sr=8-1-spons&psc=1
https://www.amazon.com/Microcontroller-Compatible-Sensitivity-Navigation-Positioning/dp/
https://www.amazon.com/Temperature-Humidity-Digital-3-3V-5V-Raspberry/dp/B07WT2HJ4F/ref=sr_1_2?crid=36ZOR4BCL8Q9E&keywords=arduino+temperature+sensor&qid=1667791822&sprefix=arduino+temperature+sensor%2Caps%2C137&sr=8-2
https://www.amazon.com/gp/product/B01N59MK0U/ref=ox_sc_act_title_4?smid=A1EEONYNGVV4GN&psc=1
https://www.amazon.com/gp/product/B06XF6PT9L/ref=ox_sc_act_title_3?smid=A277ASRBKI5PHX&psc=1
https://www.amazon.com/CO-RODE-Battery-Holder-Wired-Switch/dp/B00VE7HBMS/ref=sr

?ie=UTF8&psc=1					

9NNXL/ref=sr_1_1_sspa?crid=1PPQVK10OGDWX&keywords=arduino+nano&qid=1668289183&s=indus

e=UTF8&psc=1					

B07P8YMVNT/ref=sr_1_3?keywords=arduino+gps+module&qid=1666111220&qu=eyJxc2MiOiIzLjExIiwic

_1_3?crid=1Q3ZD8IZA1IQX&keywords=12v+battery+holder&qid=1668289448&sprefix=12v+battery+hold

[trial&sprefix=arduino+nano%2Cindustrial%2C131&sr=1-1-spons&psc=1](#)

[XNhIjoiMi44NSIsInFzcCI6IjIuNzMifQ%3D%3D&sprefix=arduino+gps+m%2Caps%2C120&sr=8-3](#)

[ler%2Caps%2C147&sr=8-3](#)