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|  | Price |
| Arduino Uno Rev3 | 45.72 CAD |
| BATTERY PACK NIMH 12.0V 2300MAH | 55 CAD |
| Pololu Simple High-Power Motor Controller 18v15 | 2\*53.12 CAD |
| 2\*12V 100RPM Brushed DC Motor | 2\*16.65 CAD |
| 4\* QSD122A4R0-ND | 7.68 CAD |
| 4\*QED123-ND | 1.16 CAD |
| Estimate cost of all the materials and labors | 150 CAD |
| Total cost | 399.1 CAD |

Arduino Uno Rev3

https://www.digikey.com/product-detail/en/arduino/A000066/1050-1024-ND/2784006

BATTERY PACK NIMH 12.0V 2300MAH:

https://www.digikey.com/product-detail/en/energizer-battery-company/NH15VPF2X5/N703-F025-ND/1040731

Cytron 10A 5-25V Dual Channel DC Motor Driver

http://www.robotshop.com/ca/en/cytron-10a-5-25v-dual-channel-dc-motor-driver.html

12V 100RPM 583 oz-in Brushed DC Motor

http://www.robotshop.com/ca/en/12v-100rpm-583-oz-in-brushed-dc-motor.html

Photo Interrupter OS25B10

http://www.robotshop.com/ca/en/photo-interrupter-os25b10.html

QED123-ND

https://www.digikey.com/product-detail/en/on-semiconductor/QED123/QED123-ND/187398