

Item	Unit Price	Quantity	Cost	Justification	URL
3D Printer	\$594.31	1	\$594.31	This is the #1 item that I am requesting funding for. As mentioned in my application, it was very challenging and inefficient for me to get prints done. Acquiring my own printer would be a major productivity boost, and also bring me confidence that I have the tools needed to succeed in my mission.	https://lqd3t.com/products/lqd-x-smart-3
Soldering Iron + Multimeter	\$34.99	1	\$34.99	Similar to the 3D printer, acquiring my own electrical tools will be a major productivity boost. Last summer I was forced to impersonate a University of Calgary student and sneak into their electrical engineering lab. This left very unprofessional and inappropriate.	Soldering Iron Kit with Digital Multimeter, SREMTCH 80W LCD Welding Tool with ON/OFF Switch Adjustable Temperature Knob(200-450°C) for Electronics Repairing, Tools - Amazon Canada
Raspberry Pi 5	\$114.69	1	\$114.69	In order to use my robot by web app (my ultimate goal), I will need a advanced computer like the Pi 5.	Raspberry Pi 5 4GB 2023 - Newest 2.4 GHz 64 bit Quad Core ARM Processor, Dual Band 802.11ac Wi-Fi, Bluetooth 5.0 - Amazon.ca, Electronics
Electronics Kit	\$23.99	1	\$23.99	Contains wires, resistors, LEDs, buttons, and lots of valuable electronics	ELEGOO Upgraded Electronics Fun Kit w/Power Supply Module, Jumper Wire, Precision Diode/Voltmeter, \$30 (w/Prints Breadboard for Arduino, Raspberry B, STM32) - Amazon.ca, Electronics
Motors A-D	\$29.42	4	\$119.28	Required for the robot	Amazon.ca/Torquax-Escapes-Shrimp-Self-Locking-Bush-AQX3M4?ref_=a_l_u_dp_ser_op_1_UW8P8ZCOP&pf_rd_p=80d4e78b-8c6c-42bd-a41c-900100000000&pf_rd_t=101&pf_rd_i=80d4e78b-8c6c-42bd-a41c-900100000000&pf_rd_m=AENKDF0DBEBC&pf_rd_s=CatalogPages_Browse_Video_79GvImTAKDUGoGc96UQzOpqB0Hem7j
Warm Gear	\$70.90	3	\$212.70	Quality gears to ensure reliable functionality	Amazon.ca/Decaux-Turbine-Escapes-Shrimp-Self-Locking-Bush-AQX3M4?ref_=a_l_u_dp_ser_op_1_UW8P8ZCOP&pf_rd_p=80d4e78b-8c6c-42bd-a41c-900100000000&pf_rd_t=101&pf_rd_i=80d4e78b-8c6c-42bd-a41c-900100000000&pf_rd_m=AENKDF0DBEBC&pf_rd_s=CatalogPages_Browse_Video_79GvImTAKDUGoGc96UQzOpqB0Hem7j
Motor Controller A-B	\$18.49	2	\$36.98	Allows for Motors to be controlled	Amazon.ca/Hipowheel-Varietal-Sliding-Speedsters-B0B81DXNND?ref_=a_l_u_dp_ser_op_1_UW8P8ZCOP&pf_rd_p=80d4e78b-8c6c-42bd-a41c-900100000000&pf_rd_t=101&pf_rd_i=80d4e78b-8c6c-42bd-a41c-900100000000&pf_rd_m=AENKDF0DBEBC&pf_rd_s=CatalogPages_Browse_Video_79GvImTAKDUGoGc96UQzOpqB0Hem7j
Total	\$1,136.94				