Material / Thing	Amount		Cost ($ CAD) tax ir	Unit cost	Description	Supplier
Photoelectric sensor		1	36.72	5.95	These are the 2 sensors we will be usir	adafruit.com
PETG filament		1	8.45	7.48/kg	PETG filament is a type of filament con	AliExpress
arduino uno		1	17.23	15.25	The Arduino Uno is an extremely reliab	Makerstore.ca
9V Battery Box		1	4.04	3.58	Due to its reliability and simplisity this	emartee.com
Wires		1	1.13	1	For the proper functioning of our devic	Makerstore.ca
9V Battery		1	4.52	4	As our power source we will be utilizin	Makerstore.ca
SD card		1	13.54	11.99	To ensure that our device has enough r	Amazon.ca
Micro SD Module		1	2.26	2	To allow the communication between	Amazon.ca
MDF	122 square inches		3.61	3.5 per 432 squ	MDF is a strong and durable material o	Makerstore.ca
Screws		25	2.82	0.1	To hold everything together a strong ar	MakerLab
Electrical Tape		1	1.91	1.69	To protect the wires from the elements	Canadian Tire
Arduino IDE		1	0	0	This is the IDE required to code onto ar	Arduino
Arduino SPI lib		1	0	0	This is the library required for an arduir	Arduino
Arduino SD lib		1	0	0	This is the library required for an arduir	Arduino
Inkscape		1	0	0		
Onshape		1	0	0		
			Total: 96.23			

Link

https://www.adafruit.com/product/2168

https://www.aliexpress.com/item/4000156205489.html?src=bing&aff_short_key=UneMJZVf&aff_platform=true&isdl=y&albch=shopping&acnt=135095331&i

https://makerstore.ca/shop/ols/products/arduino-uno-r3-clone

https://www.emartee.com/product/41478/Arduino-9V-Battery-Box

https://makerstore.ca/shop/ols/products/jumper-cables-pack-of-10

https://makerstore.ca/shop/ols/products/9v-alkaline-batteries

https://www.amazon.ca/Vansuny-microSDXC-Performance-Recording-Security/dp/B0BVQRKD89/ref=sr_1_33_sspa?dib=eyJ2IjoiMSJ9.mm9BIsXJxtyeAJ2ceLr

https://www.amazon.ca/Storage-Module-Socket-Memory-Shield/dp/B09NMG5SBM/ref=sr_1_52?dib=eyJ2IjoiMSJ9.EcgtqTjfazRddB-c5fqAikd3ylSMsRxyGzsn6

https://makerstore.ca/shop/ols/products/mdf/v/M003-1-4-12-NCH

https://edu-makerlab.odoo.com/shop/flat-head-wood-screws-2136?category=31#attr=976,984

https://www.canadiantire.ca/en/pdp/certified-general-purpose-vinyl-electrical-tape-black-3-4-in-x-60-ft-19-mm-x-18-m-0528526p.html

https://www.arduino.cc/en/software

isdl=y&albcp=555031856&albag=1311718517477887&slnk=&trgt=pla-4585581971689835&plac=&crea=81982462842686&netw=o&device=c&mtctp=e

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uRYwoXIh6mA8.siu_X44OfLR7cLTNEC1XEQMHU2u4Yo2gTksWvw5wRzY&dib_tag=se&keywords=DIYables+Micro+SD+Card+Adapter+Module+Reader+for

r+Arduino%2C+ESP32%2C+ESP8266%2C+Raspberry+Pi%2C+2+pieces&linkCode=gg3&linkId=5d0b70740d5b8a9d8b8933d4734d6995&qid=17306788

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