

Parts for Automated Sorting System with Webcam and Built-in microphone - Budget Proposal
By: Alexandra Belen

Name	Description	Source/Supplier	Part #	US\$ Unit Cost	CADS Unit Cost	Number of units	US\$ Subtotal	CADS Subtotal	Shipping Cost	Customs Duty	Total	Website	Comments
Raspberry Pi	Canakit Raspberry Pi 3 Complete Starter Kit - 32 GB Edition	Amazon - CanaKit	B01CCF6V3A		\$99.99	1			\$6.99	N/A	\$112.99	https://www.amazon.ca/gp/product/B01CCF6V3A/ref=od_aui_detailpages00?ie=UTF8&psc=1	
Conveyor Belt	Rubber Belt	globalindustrial	T9FB325337	\$2.81		4	\$11.24		\$37.59	N/A	\$41.35	http://www.globalindustrial.ca/p/motors/power-transmission-belts/conveyor-belts/2-ply-150-l-32-x-1-32-grade-2-6-inch-wide-per-foot	
DC Motor	RioRand® Mini 12V DC 60 RPM High Torque Gear Box Electric Motor	Amazon - RioRand	RR-MR-EM-TR		\$19.99	1		\$19.99	Free	N/A	\$19.99	https://www.amazon.ca/gp/product/B00M1JGU BQ/ref=ox_sc_act_title_1?smid=A298K450P416L&psc=1	
Battery		The Source	2318323		\$9.99	1		\$9.99	N/A	N/A	\$11.40	https://www.thesource.ca/en-ca/battery-and-power/specialty-batteries/energizer-max-9v-alkaline-battery---2-pack/p/2318323?CATARGETID=12021612000074831&cadevice=c&gclid=Cj0KCQjwpML OBR C9ARIsAPiGeZCrY8zW0x0S0Aflrk_K NgsK0uHlZqTjEq9aivgA4R93YvBsZG71qLcaArYzEALw_wcB&gelsrc=aw.ds	
Switch	2 Pieces White Plastic Shell OFF/ON In Line Cord Light Lamp Switch AC 250V 10A	Amazon - uxcell	s14081600am0959		\$3.65	1		\$3.65	Free	N/A	\$3.65	https://www.amazon.ca/Pieces-White-Plastic-Shell-Switch/dp/B00CQMFWOY/ref=sr_1_1?ie=UTF8&qid=1506957369&sr=8-1&keywords=lamp+switch	
Connector Wire	FAS/LVT 18/5 150M Home Depot		55762615		\$1.79	3		\$5.37	N/A	N/A	\$6	https://www.homedepot.ca/en/home/p.faslv1-185-150m-red-cut.1000794340.html	Pick up in-store
Webcam with Built-in mic	Black 8 Mega Pixel USB Webcam with Microphone/Snapsho t/6 LED Lights For Laptop Notebook	Amazon - GT Max	VF-76-SME-386B-06		\$7.99	1		\$7.99	Free	N/A	\$7.99	https://www.amazon.ca/Webcam-Microphone-Snapshot-Lights-Notebook/dp/B0014C9R14/ref=sr_1_15?ie=UTF8&qid=1506956167&sr=8-15&keywords=webcam+with+microphone	
Final Total:											\$203.37		