

## FINAL PROJECT ( BILL OF MATERIALS )

ITEM #	ITEM NAME	DESCRIPTION	SUPPLIER	QTY	UNIT COST	TOAL
		<b>ELECTRONICS</b>				
1	Servo motor	270° LewanSoul LD-27MG Full Metal Gear Standard Digital Servo	Amazon.com	1	CAD 22.99	CAD 22.99
2	Push buttons	push buttons	abra-electronics	2	CAD 0.79	CAD 1.58
3	Potentmeter	P10K-MIN 10K Ohms 1/2 Watt Linear Taper Potentiometer	abra-electronics	1	CAD 1.07	CAD 1.07
4	led's lights	D.E.L HD Blanc 10mm 3.0V 12000 @ 15000 mcd	maddison	12	CAD 0.75	CAD 9.00
5	Resistors	290 OHM smd	digikey.com	4	CAD 0.80	CAD 3.20
6	Jumper Wires	Jumper Wires Premium 200mm M/F Male-to-Female pack	Amazon.com	1	CAD 11.90	CAD 11.90
7	FTDI HEADER	Header - 6-pin Male (SMD, 0.1", Right Angle)	sparkfun.com	3	CAD 0.95	CAD 2.85
8	Attiny44	ATTINY44A-SSURTR-ND	digikey.com	1	CAD 2.60	CAD 2.60
9	Cooper PCB board	( Single Sided 3" x 6" x 1/16" 1 )	abra-electronics	1	CAD 7.25	CAD 7.25
10	StripBoard	Size 1	maddison	1	CAD 2.30	CAD 2.30
11	ISP HEADERS	ISP HEADERS	digikey.com	3	CAD 1.33	CAD 4.00
12	Female DC Barrel Jack	PP-135 Female DC Barrel Jack 5.5x2.1mm with wire 15cm	abra-electronics	1	CAD 0.71	CAD 0.71
13	AC to DC Universal Wall Adapter	Universal AC to DC Wall Adapter. Voltage: 3,4,5,6,7.5,9,12.	abra-electronics	1	CAD 7.90	CAD 7.90
14	Blue Heat Shrink	Blue Heat Shrink Tubing 1/16" - 4 Ft.	abra-electronics	1	CAD 0.89	CAD 0.89
15	Black Metal Knob	COM-10002 Black Metal Knob - 14x24mm	abra-electronics	1	CAD 1.50	CAD 1.50
16	Female DC Barrel Jack	PP-135 Female DC Barrel Jack 5.5x2.1mm with wire 15cm	abra-electronics	1	CAD 0.71	CAD 0.71
		<b>STRUCTURAL MATERIALS &amp; OTHER ACCESSORIES</b>				
17	Baltic Birch board	Baltic Birch 1/8" x 11 1/2" x 11 1/2"	Langevin Forest	4	CAD 2.28	CAD 9.12
18	Baltic Birch board	Baltic Birch 1/4" x 11 1/2" x 23 1/2"	Langevin Forest	1	CAD 4.12	CAD 4.12
19	Clear Acrylic Sheet	12 x 16 in THICKNESS: 2 mm	deserres.ca	1	CAD 6.19	CAD 6.19
20	Clear Acrylic Sheet	0.187 THICK CLEAR EXTRUDED ACRYLIC FILM-MASKED SHEET	professionalplastics.com	1	CAD 1.50	CAD 1.50
21	Orange Acrylic Sheet	Size: 12" X 12" 0.187 THICK	professionalplastics.com	1	CAD 118.70	CAD 118.70
22	White Acrylic Sheet	0.125 THICK Size: 20" X 20" @ +/- 0.125	professionalplastics.com	1	CAD 26.58	CAD 26.58
23	Non-glare Styrene Sheet	11 in. x 14 in. Non-glare Styrene Sheet	Home depot	1	CAD 5.00	CAD 5.00
24	Black cardboard	Black cardboard	Dollarama	2	CAD 1.50	CAD 3.00
25	6mm Phillips Washer Head Screw	6mm Phillips Washer Head Screw Pack 50-piece ( 8 used )	Amazon.com	1	CAD 9.99	CAD 9.99
26	Stainless Steel Pan-Head Screws	3 mm x 25 mm Stainless Steel Pan-Head	Homedepot	16	CAD 0.52	CAD 8.32
					<b>TOTAL AMOUNT</b>	<b>CAD 272.966</b>