component	no.of.items	unit price	total
5 Channel TCRT5000 IR	3	32.75	98.25
3D printing (Car Chassis)	1	460	460
wires	40	0.75	30
voltage regulator (L7805)	1	5	5
PCB DOT FR2 (9X15 cm2)	2	14	28
pin header	8	3.5	28
Robot Car Wheel 85mm	2	85	170
Metal Coupler 4mm	2	35	70
Metal Caster Wheel for Robot (20mm)	2	35	70
NeoPixel Led strip	1	100	100
DC Gear Motor (8.8KG) 250RPM	2	325	650
Motor driver DRV8871	2	102	204
Screw Mounting Bracket	2	25	50
ESP32 Development Board	1	115	115
DFPlayer Mini MP3	1	25	25
Speaker 4 Ohm 3 Watt	2	50	100
I/O Expander Breakout - SX1509	1	85	85
battery holder (3 x 18650)	1	15	15
Rechargeable Li-ion Battery18650	3	45	135
capacitor (25V - 60 micro farad)	1	0.5	0.5
switches	3	0.75	2.25
LM2596HVS-ADJ DC-DC Step-Down Module (3A)	1	60	60
turn on switch	2	1.5	3
IC socked with EEPROM	1	30	30
PAM8403 5V Power Audio Amplifier Board	1	35	35
			2569

Total amount of essential components	2309
Total amount of unessential components	260
Total Amount	2569

Note: cells colored in yellow are not essential components while cells colored in green are essential components in the car