estimated_cost.xlsx Sheet1

Item Name	Price Per Unit	Quantity	Total Cost
Orange Planetary Gear DC Motor 12V (185RPM 72.5N-cm	1637	4	6548
Oe-37 Hall Effect Two Channel Magnetic Encoder	399	4	1596
EasyMech ID-8mm Motor Coupling Hub (Big)	472	4	1888
A set of 100mm Aluminium Mecanum wheels (Bearing Type Rollers)	14950	1	14950
Sabertooth Dual 12A Motor Driver	5554	2	11108
Easy Mech Universal Bracket for HD and IG32 and PG36M555 Planetary DC Geared motor	350	4	1400
Heat Shrink Sleeve 8mm	49	1	49
Heat Shrink Sleeve 5mm	59	1	59
Nylon T-Connectors Female (3)	79	1	79
Nylon T-Connectors Male (3pcs)	79	1	79
4-Pin JST XH 2.54mm Pitch Plug and Socket with cable (5pcs)	75	1	75
6-Pin JST XH 2.54mm Pitch Plug and Socket with cable (3pcs)	60	3	180
	 		†
3-Pin JST XH 2.54mm Pitch Plug and Socket with cable (10pcs)	90	1	90
7 X 9 CM Universal PCB Prototype Board	90	2	180
KF301 2 Pin 5.08mm Pitch Plug-in Screw (5pcs)	75	1	75
DC Jack Connector Female (2pcs)	49	1	49
14AWG Silicone Wire 1m (Red) + 1 m (Black)	159	2	318
Original Arduino Mega 2500 AT mega2560 MCU Rev3	2738	1	2738
Raspberry Pi 8 Channel Level Switching IO Module	190	1	190
HC-SRO4- Ultrasonic Range Finder	99	3	297
Raaspberry Pi 4 Model-B with 4 GB RAM	4744	1	4744
High Quality Ultra Flexible 18AWG Silicone Wire 3m(Black) + 3m(Red)	349	1	349
High Quality Ultra Flexible 12AWG Silicone Wire 1m(Black) + 1m(Red)	358	1	358
DS18B20 Temperature Sensor Module for Arduino	208	1	208
GY-87 MPU-9265 3-axis 9-DOF Attitude Gyro Magnetometer Accelerator Sensor Module	439	1	439
10.1 Inch Resisitive Touch Sxreen LCD	7133	1	7133
ReSpeaker 6-Mic Circular Array Kit for Raspberry Pi	3787	1	3787
xcluma DC 9A 300W Step Down Converter Power Module	410	1	410
SunRobotics LTC3780 Automatic Adjustable Step UP/DOWN Regulator	1499	3	4497
Logitech C270 HD Webcam	1678	1	1678
Super 1307 Universal 5-Pin Mini Relay	97	1	97
DB Wris- AC 8265 Desktop Kit	4802	1	4802
Samsung EVO Plus 32 GN micro SDHC UHS-1 I1 95MB/s Full HD Memory Card	419	2	838
NVIDIA Jetson Nano Developer Kit	8899	1	8899
Intel RealSense Depth Camera	1635	1	1635
5V 4A adapter for Jetson Nano Wifi/Bluetooth	399	1	399
Wireless NIC for Jetson Nano Wifi/Bluetooth	1189	1	1189
Battery Pack with BMS and Control Board	24190	1	24190
Aluminium Profile	300	9	2700
L-Brackets	40	26	1040
Bolt-nut	22	86	640
M6 Nut-bolt	6	24	144
M5 Bolt	20	15	300
PCD shield	1980	2	3960
RealSense Customs Tax	5119	1	5119
30 profile, Nut bolts/ fastners.	4390	1	4390
USB HUB	250	1	
			250
Universal Motor Brackets	350	4	1400
Inverter	5000	1	5000
UVC Germicidal Lamp	7000	1	7000
UVC Ballast	500	1	500
		TOTAL	140043