

Bill of Materials

S.NO	ITEMS	QUANTITY	UNIT PRICE	TOTAL
1	MPU-6050 IMU	1	165	165
2	3mm IR Sensor	8	40	320
3	HC-SR04 Ultrasonic Sensor	4	61	244
4	11.1V 4200mAh Bonka LiPo	1	2857	2857
5	XT60 Connector Pair	1	25	25
6	XL4015 Buck Converter	2	71	142
7	AMS1117 3.3V	1	13	13
8	Imax B3 Charger	1	319	319
9	12V 2A Adapter	1	175	175
10	0.96in OLED Display	1	193	193
11	ESP32-CAM (OV3660)	1	629	629
12	BTS7960B 43A H-Bridge	4	254	1016
13	A4988 Stepper Driver	4	70	280
14	Metal Ball Caster	4	25	100
15	608ZZ Bearings	12	20	240
16	5mm to 8mm Flexible Coupling	4	52	208
17	Arduino Mega 2560 Pro	1	1447	1447
18	Arduino Nano R3	3	195	585
19	NEMA17 Stepper Motor	4	581	2324
20	Johnson 12V 60RPM Motor	4	538	2152
21	MG995 Servo Motor	3	226	678
22	HC-06 Bluetooth	2	275	550
23	10×4 cm Wheels (Pack of 4)	2	424	648
24	Acrylic Sheets (3pc) A4 Size	2	500	1000
25	Acrylic Plastic Fibre Sheets Cutter Hook Knife Blade	1	100	100
26	Soldering Iron 25W Gold with Advanced Heating Element	1	154	154
27	28BYZ-48 Stepper Motor 5V	4	83	332
28	Lead Screw 200mm (5 to 8 mm)	3	200	600
29	Pulley	4	100	400
30	Track Belt 40mm * 120 cm	4	235	940
31	Extras (Jumper Wire Set , LEDS, Resistor , etc)			700
33	Miscellaneous			2500
34	Wooden Shelf for Warehouse			1000
	Grand Total			23036