


#	Item	Quantity	Unit Price (USD)	Total Price (USD)	Notes
1	Filament (PLA)	2.5 kg	~15/kg	37.50	Assumed average filament price
2	25kg Servo (Mizuzei)	4	11.00	44.00	<a href="#">Link</a>
3	30kg Servo (HOOYIJ)	1	15.00	15.00	<a href="#">Link</a>
4	Power Distribution Board	1	7.00	7.00	<a href="#">Link</a>
5	Elegoo UNO R3	1	17.00	17.00	<a href="#">Link</a>
6	PCA9685 Servo Driver	1	7.00	7.00	<a href="#">Link</a>
7	UBEC (10A Regulator)	1	26.50	26.50	<a href="#">Link</a>
8	XT60 LiPo Battery Connector	1	6.00	6.00	<a href="#">Link</a>
9	7.4V 2200mAh LiPo Battery	1	14.49	14.49	<a href="#">Link</a>
10	M3/M4 Screw/Nut/Washer Assortment	1 set	17.00	17.00	<a href="#">Link</a>
11	20 AWG Servo Extension Cables	1 pack	27.00	27.00	<a href="#">Link</a>
12	Arduino USB Cable	1	7.00	7.00	<a href="#">Link</a>

Category	Cost (USD)
Electronics & Power	\$168.99
Mechanical (Filament + Hardware)	\$54.50
 Total BOM Cost	<b>\$223.49</b> 