

Category	Item	Quantity	Unit Cost	Total
Primary Equipment	OpenBCI EEG Hardware Starter Kit	1	\$1,049	\$1,049
Fabrication Equipment	Bambu Lab A1 3D Printer	1	\$299	\$299
Core Materials	PLA+ Filament	5	\$30	\$150
Core Materials	PETG Filament	3	\$35	\$105
Core Materials	TPU Flexible Filament	2	\$40	\$80
Electronics	High-Torque Servo Motors (20kg)	6	\$25	\$150
Electronics	Standard Servo Motors	8	\$12	\$96
Electronics	Arduino Mega	2	\$35	\$70
Electronics	Custom PCB Fabrication	5	\$15	\$75
Electronics	Motor Drivers	8	\$8	\$64
Sensors	Force Sensitive Resistors	10	\$7	\$70
Sensors	Position Sensors	6	\$12	\$72
Sensors	EMG Sensors (backup/testing)	2	\$25	\$50
Hardware	Precision Bearings	12	\$5	\$60
Hardware	Metal Mounting Hardware	Various	-	\$45
Hardware	Cable Management System	Various	-	\$35
Power Systems	High-Capacity LiPo Batteries	2	\$40	\$80
Power Systems	Battery Management System	1	\$25	\$25
Prototyping	Breadboards and Jumpers	Various	-	\$40
Prototyping	Testing Equipment (multimeter etc)	1	\$45	\$45
			TOTAL PROJECT COSTS	\$2,660
Notes				
1. EEG System: Currently pursuing additional funding through:				
- Student research project application with manufacturer				
- Potential academic discount through university connection				
2. Additional materials may be sourced through school facilities				
3. Budget focuses on essential equipment and materials needed for prototype development				
4. School facilities will provide access to additional tools and workspace				
5. Documentation and presentation materials available through school resources				
6. Quantities account for testing/iteration needs				
7. Some items may be sourced through school facilities if available				
8. Additional materials can be acquired as needed within remaining buffer				