

Required Components & Budget

Sr. No.	Name	Amount Required	Price/ Piece	Total Price	Online Availability	Offline Availability	
1.	8mm Horizontal Linear Bearings	2	250	500	https://electrobes.com/product/kfl08-8mm-t8-horizontal-linear-bearing-bracket-screw-pillow-blocks-for-cnc/	Islamabad	
2.	ESP32 Controller	1	1050	1050	https://electrobes.com/product/esp32-wroom-32-38-pins-wifiblueetooth-mcu-module/	Islamabad, Lahore	
3.	MPU9250 (IMU Sensor)	1	950	950	https://electrobes.com/product/mpu9250-9-axis-9dof-accelerometer-gyroscope-compass-module/	Islamabad, Lahore	
4.	8mm-8mm Shaft Coupler	1	220	220	https://electrobes.com/product/8mm8mm25mm-3d-printer-stepper-motor-fixed-coupler/	Islamabad, Lahore	
5.	8mm Linear Rail Shaft (400mm)	1	580	580	https://electrobes.com/product/5mm-8mm-10mm-12mm-linear-rail-shaft-smooth-rod-for-cnc-machine-and-3d-printer/?attribute_pa_diameter=8mm&attribute_pa_length=400mm	Islamabad, Lahore	
6.	8mm Linear Rail Shaft (250mm)	1	380	380	https://electrobes.com/product/5mm-8mm-10mm-12mm-linear-rail-shaft-smooth-rod-for-cnc-machine-and-3d-printer/?attribute_pa_diameter=8mm&attribute_pa_length=250mm	Islamabad, Lahore	
7.	Hole to Hole Jumpers	1	130	130	https://electrobes.com/product/hole-to-hole-40-jumper-wires-strip/?attribute_pa_jwire-length=20cm	Islamabad, Lahore	
8.	2 Core Twisted Wire	1	40	40	https://electrobes.com/product/1-meter-2-core-twisted-hard-jumper-wires-cable/	Islamabad, Lahore	
9.	Close Timing Belt	2	290	580	https://epro.pk/product/closed-loop-rubber-timing-belt-for-2gt-6mm/?attribute_size=200	Lahore	
10.	Open Timing Belt & 20 Teeth Timing Pulleys (8mm Bore)	1	950	950	https://hallroad.org/20t-8mm-gt2-pulley-and-2m-belt-in-pakistan.html	Lahore	
11.	40 Teeth Timing Pulleys (8mm Bore)	2	508	1016	https://www.daraz.pk//products/i268812663-s1483029222.html?spm=a2a0e.cart.0.0.60637d68K9VyDE&urlFlag=true	Unavailable	
12.	Carbon Wound Pot (1k)	1	150	150	https://hallroad.org/1w-single-turn-rotary-taper-carbon-wire-wound-potentiometer-volum-resistor.html	Lahore	
13.	DC Motor Driver	1	350	350	https://electrobes.com/product/l298n-h-bridge-motor-driver-module/	Islamabad, Lahore	
Delivery Chargers		electrobes		epro		daraz.pk	hallroad.org
		300		280		120	200
Total		7796					