

No.	Component	Qty.	Price/Unit	Where To Buy
1	Xiao ESP32-C3	1	650	Fab Inventory
2	5V Adapter	1	75	Fab Inventory
3	Soil Moisture Sensor	1	65	Fab Inventory
4	5V Pump	1	55	Water Pump 3-6Vdc Mini 120L/H مضخة صغيرة غاطس مياة 6 فولت RAM Electronics website
5	SI2303 Mosfet	1	3.75	Fab Inventory
6	Diode	1	1	Fab Inventory
7	GC9A01 Display	1	450	Fab Inventory
8	Copper Sheets	2	1.75	Fab Inventory
9	Neopixel Stick 8	2	45	NeoPixel Stick 8-bit WS2812 5050 RGB LED Driver Development Board RAM Electronics website
10	5M Ohm Resistor 1206	2	0.5	Fab Inventory
11	10K Ohm Resistor 1206	1	0.5	Fab Inventory
12	01x03 Pin Socket Vertical	2	0.45	Fab Inventory
13	01x06 Pin Socket Vertical	1	0.9	Fab Inventory
14	01x02 Pin Header Vertical	1	0.3	Fab Inventory
15	01x04 Pin Header Horizontal	1	0.6	Fab Inventory
16	01x04 Pin Socket Horizontal	1	0.6	Fab Inventory
17	01x02 Pin Socket Horizontal	1	0.3	Fab Inventory
18	Male-Male Jumper Wires	2	0.75	Fab Inventory
19	Male-Female Jumper Wires	12	0.75	Fab Inventory
20	Female-Female Jumper Wires	5	0.75	Fab Inventory
21	Heat Shrink	2	3	Fab Inventory
22	Planty PCB	1	7	Fabricated
23	Step Response PCB	1	1	Fabricated
24	PLA	500g	5	Fab Inventory
25	Cork	66cm ²	8	Fab Inventory
Total Cost			3934.5 EGP	