

| Component | Model | Amount | Unit price | Amount |
|------------------------------|---|---------------|-------------------|---------------|
| Microcontroller | ESP32 | 1 | 1700 | |
| Thermo sensors | DHT22 | 4 | 430 | 1720 |
| | DS18B20 | 3 | 350 | 1050 |
| Flow Meter | YF-S401 (0.15-3L/min 1.75Mpa) or YF-S402 (0.15-3L/min 0.35MPa) | 1 | 1360 | 1360 |
| DC Water Pump | R365 (36L/H) | 1 | 980 | 980 |
| DC – Motor Controller | 1803BK | 1 | 660 | 660 |
| Motor Driver | L298N | 1 | 390 | 390 |
| AC – Motor Controller | | 1 | 750 | 750 |
| Voltage regulator – (min 3V) | LM2596 or other (DC-DC Buck Converter) | 2 | 220 | 440 |
| Power Supply - 12V | 2A or higher | 1 | 600 | 600 |
| Power Supply - 12V | 300mA | 1 | 270 | 270 |
| Temperature Controller | XH-W3001 | 1 | 800 | 800 |
| Wire(3 In 1) | 5m | | 600 | 600 |
| Soldering Lead | | 3m | 300 | 300 |
| Pin Headers | Female to male | 2 | 60 | 120 |
| Dot Board | Large | 1 | 200 | 200 |
| | | | | |
| | | | | 10,240 |
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