The Melting Pot

April 10, 2024

OCEAN N61

Parts List

| **Parts** | **#** | **Cost** | **Source** |
| --- | --- | --- | --- |
| Raspberry Pi Pico W | 1 | $0 | Available in the OTC |
| Pump | 1 | $0 | Available in the OTC |
| TSL2591 Light Sensor | 1 | $0 | Available in the OTC |
| [RGB LED light](https://vilros.com/products/tri-color-rgb-led?utm_source=google&utm_medium=product_sync&utm_campaign=sag_organic&utm_content=sag_organic) | 2 | $1.50 | vilros.com |
| DS18B20 temperature sensor | maybe | $0 | Available in the OTC |
| MS5803 pressure sensor | maybe | $0 | Available in the OTC |
| 1kΩ potentiometer | 1 | $0.49 | [digikey.com](https://www.digikey.com/en/products/detail/panasonic-electronic-components/EVN-D8AA03B13/11096?s=N4IgTCBcDaICIBYCCSCMBmABAWgHJxAF0BfIA) |
| [Phenol Red](https://www.geyerinstructional.com/aldon-chemicals-phenol-red-sol-0-02-500ml-pp0175-500ml/?keyword=&creative=&gad_source=1&gclid=CjwKCAjw8diwBhAbEiwA7i_sJekX_MPnyINH-cmRWy9TGolSd1m2-Gjod-jvKRwvbHrkX1iMuO5qURoCKikQAvD_BwE) | 1 | $5.10 | geyerinstructional.com |
| [200 Ml Jar](https://www.walmart.com/ip/6pcs-200ml-Transparent-Plastic-Bottles-Refillable-Empty-Container-Jars-Boxes-Tins-with-Aluminum-Lid/2682622204?wmlspartner=wlpa&selectedSellerId=16214) | 1 | $7.97 | Walmart |
| 20 ml syringe | 1 | $0 | Available in the OTC |
| Valve | 1 | $0 | Available in the OTC |
| Waste water bottle(Coke Bottle) | 1 | ~$3 | Vending Machine(20z approx 600ml) |
| Marine Sealant 5300 | 1 | $0 | Available in the OTC |
| Water Filter | 1 | $0 | Available in the OTC |
| Casing | 1 | $0 | Available in the OTC |
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**\*0.0056818181ml of phenol red per ml of water**