

Table 2: Components purchased for the assembly of the OysterBot (Estimated cost as of June 2022).

<b>Item</b>	<b>Vendor</b>	<b>Est, cost</b>
BlueROV2 Kit	Blue Robotics	\$3,490.00
Fathom ROV Tether – 50 m	Blue Robotics	\$ 375.00
Lumen Subsea Light x 2	Blue Robotics	\$ 325.00
Fathom Tether Spool	Blue Robotics	\$ 680.00
BlueROV2 Heavy Configuration Retrofit Kit	Blue Robotics	\$ 740.00
Payload Skid	Blue Robotics	\$ 279.00
Newton Subsea Gripper	Blue Robotics	\$ 590.00
Low light HD USB Camera	Blue Robotics	\$ 99.00
Mount for USB Camera	Blue Robotics	\$ 4.00
Camera Tilt System	Blue Robotics	\$ 60.00
Bar30 High Resolution 300m Depth/Pressure Sensor	Blue Robotics	\$ 85.00
PCB for Bar30 High Res Depth/Pressure Sensor	Blue Robotics	\$ 50.00
JST <u>gH</u> to DF13 Adapter, 4-pin	Blue Robotics	\$ 10.00
Celsius Fast-Response Temperature Sensor	Blue Robotics	\$ 70.00
I <sup>2</sup> C Bus Splitter	Blue Robotics	\$ 14.00
Lithium-Ion Battery (14.8V 15.6Ah) x 2	Blue Robotics	\$ 330.00
H6 PRO Lithium Battery Charger	Blue Robotics	\$ 160.00
H6 PRO Battery Charger Cable	Blue Robotics	\$ 10.00
Battery Cell Checker	Blue Robotics	\$ 15.00
BlueROV2 Spares Kit	Blue Robotics	\$ 289.00
SOS Leak Sensor	Blue Robotics	\$ 32.00
SOS Probe Tips	Blue Robotics	\$ 3.00
T200 Thruster (spare)	Blue Robotics	\$ 200.00
Speed Controller: Basic ESC (spare)	Blue Robotics	\$ 36.00
Xbox Series X S Wireless Controller	Target	\$ 59.99
VISIONHMD Bigeyes H3 Portable 2.5K (optional)	Amazon	\$ 129.00