				CVHS Bill of Materials				
						Quantity	Total Per	
	Source	Manufacturer	PN	Name	Price	per Bottle	Bottle	Notes
	Sunstone Circuits	osu	2302-30202	Raspberry Pi CVHS ROV Interface Board REV A	\$34.81	1	\$34.81	
	Sunstone Circuits	OSU	2302-30302	Arduino Uno CVHS ROV Interface Board Rev B	\$34.81	1	\$34.81	
	McMactor Carr	OSU	2302-01202- 00002	CVHS ROV REAR ELECTRONICS SLED MOUNT RING	\$2.25	1	¢2.25	
	McMaster Carr	030	2302-01202-	CVHS ROV REAR ELECTRONICS SLED MOUNT KING	\$2.23	'	\$2.25	
	McMaster Carr	osu	00003	CVHS ROV ELECTRONICS MOUNT SLED	\$10.00	1	\$10.00	
			2302-01202-					
	McMaster Carr	OSU	00004	CVHS ROV FWD ELECTRONICS MOUNT RING	\$2.25	1	\$2.25	
			2302-01202-	L				
	McMaster Carr	OSU	00006	Main Electronics Tray Standoff	\$0.70	4	\$2.80	
Electronics Bottle	AMAZON	Sandisk	SDSQUNC-0 32G-GN6MA	32GB SD Card	\$8.70	1	\$8.70	
	AMAZON	CERRXIAN	L90L90	Right Angle USB Cord	\$4.50	1	\$4.50	
	AMAZON	Various	Kit	Standoffs	\$0.25	18	\$4.50	
	AMAZON	CNHL	4S 9500mAh	Lipo 4.8V 9.5Ah Battery (pack of 2)	\$165.99	0.5	\$83.00	
	AMAZON	HiLetgo	MPU-6050	IMU	\$3.30	1	\$3.30	
	AMAZON	DROK	C240505	5V High-Amperage Voltage Regulator	\$10.18	1	\$10.18	
	AMAZON	Tongxiang	4PJSTXH	200mm 4 pin JST XH connector	\$13.99	0.07	\$0.93	
	AMAZON	Apex	1535	EC5 Connectors (10pk)	\$21.99	0.1	\$2.20	
	AMAZON	Various	USB C	USB C right angle power pigtail	\$10.89	0.25	\$2.72	
	DIGIKEY	Raspberry Pi	SC0782	Raspberry Pi Camera	\$25.00	1	\$25.00	
	DIGIKEY	Raspberry Pi	SC0193(9)	Raspberry Pi	\$45.00	1	\$45.00	
	DIGIKEY	Arduino	A000066	Arduino Uno	\$27.60	1	\$27.60	
	DIGIKEY	SEEED Tech	114992661	Armor Lite Heat Sink and Fan	\$9.90	1	\$9.90	
2	ADAFRUIT	ADAFRUIT	3660	Leak detector	\$18.95	1	\$18.95	
\overline{z}	ADAFRUIT	ADAFRUIT	1647	Camera Ribbon Cable 8" 200mm	\$1.95	1	\$1.95	
2	ADAFRUIT	ADAFRUIT	5384	Stemma QT JST SH 300mm cable	\$1.25	2	\$2.50	
<u> </u>		BLUE						
Ш	BLUE ROBOTICS	ROBOTICS	NA	4" Electronics Enclosure 400mm	\$476.00	1	\$476.00	
	BLUE ROBOTICS	BLUE ROBOTICS	BR-100454	Power Distribution	\$45.00		645.00	
	DEGE KOBOTICS	BLUE	DIX-100404	Power Distribuition	\$45.00	1	\$45.00	
	BLUE ROBOTICS	ROBOTICS	BR-100019	Moisture Indicating Silica Gel Desiccant Bags qty 6	\$10.00	0.17	\$1.67	
		BLUE						
	BLUE ROBOTICS	ROBOTICS	BR-100344	Motor ESCs	\$34.20	4	\$136.80	
	BLUE BOROTIOS	BLUE ROBOTICS	BD 100500	Plus Polotice Donth / Procesure Conser	600 75	ا, ا	600.75	
	BLUE ROBOTICS	BLUE	BR-100586	Blue Robotics Depth / Pressure Sensor	\$80.75	1	\$80.75	
	BLUE ROBOTICS	ROBOTICS	BR-100434-0	Blank Plug M10	\$6.00	4	\$24.00	
		BLUE	BR-100493-0					
	BLUE ROBOTICS	ROBOTICS	65	WLP-M10-6.5MM-LC-R1-RP (Wetlink Penetrators - Thrusters) 5pk	\$50.00	0.8	\$40.00	
	DI LIE DODOTICO	BLUE	BR-100493-1	MILD MAD A SMM HO DA SDAOK DD (MASSIS) December T. " . \ S. '	650.00		640.00	
	BLUE ROBOTICS	ROBOTICS	45	WLP-M10-4.5MM-HC-R1-5PACK-RP (Wetlink Penetrators Tether) 5pk	\$50.00	0.2	\$10.00	
						Total	\$1,152.07	
							On Prototy	pe
_						Quantity	Total Per	
Tether	Source	Manufacturer	PN	Name	Price	per Build	Build	Notes
蒙	BLUE ROBOTICS	BLUE	DD 400007	Divo DOV 5-th T-th ()	***	0.5	6450.00	
₽	OSU ROBOTICS	ROBOTICS TBD	BR-100987	BlueROV Fathom Tether (per m) Tether Alternate (waterproof ests eable)	\$6.00 \$0.00	25 0	\$150.00	Only downside is it descrit Fleet and it isn't bright
	030	160		Tether Alternate (waterproof cat6 cable)	\$0.00	U	U	Only downside is it doesn't Float and it isn't bright
SLS						Quantity	Total Per	
	Source	Manufacturer	PN	Name	Price	per Build	Build	Notes
st		BLUE						
Ę	BLUE ROBOTICS	ROBOTICS	BR-100545	T200 Thrusters (Full Assembly)	\$190.00	4	\$760.00	
Thrusters		BLUE	BR-101694-0					
	BLUE ROBOTICS	ROBOTICS	01	T200 Motor Only (design and build cowliing/prop)	\$152.00	4	\$608.00	Could also Buy Prop, build cowling (\$4.00 per)
Support Equipment Lights						Quantity	Total Per	
	Source	Manufacturer	PN	Name	Price	per Build	Build	Notes
	1	BLUE						
	BLUE ROBOTICS	ROBOTICS	BR-100717	<u>lights</u>	\$325.00	1	\$325.00	
	Source	Manufacture	PN	Nama	Price	Quantity per Bottle	Total Per	Notes
	Source	Manufacturer	PN	Name	rrice	hei Bottie	Bottle	Notes
	BLUE ROBOTICS	BLUE ROBOTICS	BR-101118	Vaccuum port	\$8.00	1	\$8.00	
	1	BLUE			12.30	i i	72.30	
	BLUE ROBOTICS	ROBOTICS	BR-100490	Backfill Adapter	\$11.00	1	\$11.00	
	AMAZON	Logitech G	F310	Manual Controller (Joy Stick)	\$17.47	1	\$17.47	
	DIGIKEY	Raspberry Pi	SC0193(9)	Raspberry Pi	\$45.00	1	\$45.00	
	AMA 70N	Performance	14/07000	Hand Vacuum Dump Kit		.	6010-	
	AMAZON	Tool	W87030 SDSQUNC-0	Hand Vacuum Pump Kit	\$34.30	1	\$34.30	
	AMAZON	Sandisk	32G-GN6MA	32GB SD Card	\$8.70	1	\$8.70	
	AMAZON	Ovonic	Mate1	Lithium Battery Charger	\$62.99	1	\$62.99	
				Spare O-rings				
	McMaster Carr							
	McMaster Carr					Total	\$187.46	