

Bill of Materials

Team: C3

Qty	Description	Functions	Material	Dimensions	Cost	Link to Cost Estimate	Manufacturer
1	Boat	move	fiber glass	1.02m x 0.30m x 0.25m	\$399.99	https://www.horizonhobby.com/AQUB2101?KPID=AQUB2101&CAWELAID=320011980001437484&CAGPSPN=pla&CAAGID=37619207031&CATCI=pla-550124742228&qclid=Cj0KCQIA3IPgBRCAARIsABb-iGJR9dAkOyKrdNKKDh2qSB3L8EdfYypU8UGch-n3T_amHkso_NxodX8aAndIEALw_wcB	Aqua Craft Motley Crew FE Brushless Catamaran
1	Camera	detect	fiber glass	32mm x 32mm 5.6um*5.6um 640*480 30fps	\$50.00	https://learn.adafruit.com/ttl-serial-camera/	Adafruit
1	Grabber v1	collect	PLA plastic	21.5cm x 14.2cm	\$50.52		
1	Grabber v2	collect	PLA plastic	30cm x 10cm	\$29.25		
1	Grabber v3	collect	PLA plastic	30cm x 9.5cm	\$17.68		
1	Final Grabber Assembly	collect	PLA plastic	30cm x 20cm	\$37.27		
15	Hinges	trough movement	Nylon	15.875mm x 28.575mm		https://www.towerhobbies.com/cgi-bin/wti0001p?&I=DUBQ2025&P=FR&qclid=Cj0KCQIAuf7fBRD7ARIsACqb8w6JJ7Ijtt770uITJjtDObTcc7TWaDMtlYX9nZuGGrJiO8sqdUJfOSwaAv1QEALw_wcB	Dubro
20	Solar Panel	power	Silicon	125mmx125mm	\$150.00	https://www.amazon.com/Sunpower-Flexible-Monocrystalline-Tabbing-Efficiency-x/dp/B078KCCY4T/ref=sr_1_2_sspa?ie=UTF8&qid=1543298742&sr=8-2-spons&keywords=sunpower%2Bsolar%2Bcell%2Bc60&th=1	SunPower
2	UNO Board	Circuit board	iron	10.16 cm x 5.08 cm x 6.096 cm	\$18.00	https://www.amazon.com/dp/B016D5K0OC?ref=p	Kuman
1	Motor shield	Circuit board	iron	6.858 cm x 5.334 cm x 1.016 cm	\$23.79	https://www.ebay.com/itm/Adafruit-Industries-143	Adafruit
1	Solar Panel	Power	plastic	3x6	\$34.99	https://www.ebay.com/itm/80-Short-Tab-3x6-Sola	ML solar

Total		\$811.49
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