

Name of Part	Function	Quantity	Source	Item Number	Color/Material	Price	Weight	Maximum Load	Other	Price*Quantity	Total Cost
Fjellse Bed Frame	Bed	1	IKEA	801.850.66	Pine Wood	\$49.99	30 lb	N/A		49.99	1160.57
Nylon Coated Wire Rope	Holding the bed	207.7	McMaster-Carr	8923T554	Tan	\$2.00/ft	N/A	7000 lbs	1/4" diameter, 7x19 strand core, bare	415.40	
Mounted Pulleys for Wire Rope	Transmission of Force	8	McMaster-Carr	3099T38	Zinc	\$11.44	N/A	800 lbs	For 1/4" diameter Ropes,	91.52	
Wood-to-Metal Flat Head	Screws to hold pulleys	16	McMaster-Carr	94054A301	Metallic	\$14.11 per 100 units	N/A	N/A	Philips Screw	2.26	
Side-Mount Hoist Rings, D-Ring	Attach rope to structures	8	McMaster-Carr	29525T51	Metallic	\$23.94	N/A	650 lbs		191.52	
Clamcleat	Secure the ropes	4	Clamcleat	CL254	Aluminum	\$10.98 (via SailboatOwners.com)	1.3 oz	650 lbs		43.92	
Furinno Folding Computer Study Writing Desk	Optional Desk	1	Amazon	76027-BK/MBR	Black	\$59.99	19.2 lbs	N/A		59.99	
Grip Handle Weights	Assist in counterweighting	2	McMaster-Carr	1788T14	Iron Cast	\$152.34	20 lbs	N/A	To be welded to desk base	304.68	
Flat Head and Undercut Flat Head	Screws to hold Clamcleats	8	McMaster-Carr	90198A316	Stainless Steel	\$8.08 per 50 units	N/A	N/A	Philips Screw	1.29	