	Name & Link to Part	Unit Cost	# of Units	Total Cost	Notes
Speaker	Mini External USB Stereo Speaker	$12.50	1	$12.50	
Motors	U2D2 - ROBOTIS	$32.10	1	$32.10	
	6-Port 3-Pin Series Power Hub	$10.95	1	$10.95	
	DYNAMIXEL AX-12A - ROBOTIS	$49.90	1	$49.90	
	DYNAMIXEL MX-64AT - ROBOTIS	$369.90	1	$369.90	
	Stainless Steel Decorative Round Head Phillips Screws 2-56 Thread Size, 5/16 Long	$3.84	1	$3.84	
Wire Connections	Assembled Pi T-Cobbler Plus - GPIO Breakout	$7.95	1	$7.95	
	Heat Shrink, Black, 0.19" ID Before Shrinking	$4.62	1	$4.62	
	Spiral Sleeving: 1/16" ID, Clear, 10 FT	$3.27	1	$3.27	
	120pcs 20 cm Breadboard Jumper Wires Assorted Kit,10cm 15cm 20cm 40cm 50cm 100cm Optional Dupont W	$6.98	1	$6.98	
	120pcs 30cm Breadboard Jumper Wires Assorted Kit,10cm 15cm 20cm 40cm 50cm 100cm Optional Dupont W	$8.99	1	$8.99	
Onboard Computer	Raspberry Pi 4 Model B - 8 GB RAM	$75.00	1	$75.00	
	Raspberry Pi 5 - 8 GB RAM	$80.00	1	$80.00	
	USB 3.0 Male to Female Extension Data Cable Left and Right Angle	$7.99	1	$7.99	
	90 Degree USB 3.0 Adapter	$7.99	1	$7.99	
	Passivated 18-8 Stainless Steel Pan Head Phillips Screw 1-72 Thread, 1/4" Long	$9.53	1	$9.53	
	Passivated 18-8 Stainless Steel Pan Head Phillips Screw 1-72 Thread, 3/8" Long	$10.31	1	$10.31	
	Rapthor Rechargeable 12V 6500mAh / 5V 13000mAh DC Battery Pack with Charger for Heated Jacket	$38.89	1	$38.89	portable charger outside Ommie
	Micro HDMI to HDMI Cable 1FT 2 Pack, Nylon Braided Micro HDMI Cable Support 3D/4K@60Hz 18Gbps/2160F	$13.99	1	$13.99	
Screens	2.2 18-bit color TFT LCD display with microSD card breakout [EYESPI Connector] : ID 1480	$24.95	2	$49.90	
Neck	High-Strength Steel Threaded Rod 1/4"-20 Thread Size, 8" Long	$12.79	1	$12.79	
Body: Silicone Mold	Dragon Skin 10 Slow - Trial Size	$33.12	1	$33.12	
	Smooth-On Silicone Thinner	$19.99	1	$19.99	
	Mann Release Technologies Ease Release 200 14 fl. oz.	$19.57	1	$19.57	
Body: Breathing Mechanism	Ultra-Low-Profile Shoulder Screw 1/4" Shoulder Diameter, 5/8" Shoulder Length, 10-24 Thread	$6.44	1	$6.44	
	Lubrication-Free Ball Joint Rod End Carbon Fiber Insert, 1/4"-28 Thread	$6.44	1	$6.44	
	Lubricant-Filled Nylon Plastic Washer for 1/4" Screw Size, 0.322" ID, 0.562" OD	$6.01	2	$12.02	
	18-8 Stainless Steel Threaded on One End Stud 10-32 Thread Size, 2" Long	$5.06	4	$20.24	
	Load-Rated Adhesive-Back Bumper Polyurethane, 1/4" OD, 0.35 lbs. Maximum Load	$1.34	4	$5.36	
	Ultra-Low-Friction Dry-Running Sleeve Bearing Flanged, PTFE, for 3/16" Shaft Diameter, 1/4" Long	$6.38	4	$25.52	
	Light Duty Dry-Running Nylon Sleeve Bearing Flanged, for 1/4" Shaft Diameter and 3/8" Housing ID, 5/16" Long	$0.69	4	$2.76	
	8-32 Thread, 1/4" Long Passivated 18-8 Stainless Steel Pan Head Phillips Screw	$9.25	1	$9.25	
Body: Sweater	Sweater materials (fabric, fasteners, etc.)	$15.00	1	$15.00	
3D Printed Components	3D printed head (top-head, bottom-head, face -- SLA, Formlabs standard resin)	$369.00	1	$369.00	Protolabs
	Head Motor Adapter (SLS, PA 12 25% Mineral Filled)	$46.78	1	$46.78	Protolabs
	Internal Scaffolding (SLS, PA 12 25% Mineral Filled)	$369.06	1	$369.06	Protolabs
	Top Body Shell (SLS, PA 12 25% Mineral Filled)	$425.62	1	$425.62	Protolabs
	Back Body Shell (SLS, PA 12 25% Mineral Filled)	$480.91	1	$480.91	Protolabs
	Base Body (SLS, PA 12 25% Mineral Filled)	$112.15	1	$112.15	Protolabs
	Body Motor Adaptor (SLS, PA 12 25% Mineral Filled)	$42.06	1	$42.06	Protolabs
	Front Body Shell (SLS, PA 12 25% Mineral Filled)	$486.53	1	$486.53	Protolabs
	Body Shell Clamp (SLS, PA 12 25% Mineral Filled)	$143.46	2	$286.92	Protolabs
	Neck Cover (FDM, PLA 20% Infill)	$9.32	1	$9.32	Protolabs Network (Hubs.com)
	Link (Lever Bar) (SLS, PA 12 25% Mineral Filled)	$43.66	1	$43.66	Protolabs
	Silicone Mold (Side A, Side B, Inner Mold, Top Mold -- FDM, PLA 20% Infill, Economy)	$167.50	1	$167.50	Protolabs Network (Hubs.com)
Fasteners and Securements	Brass Tapered Heat-Set Inserts for Plastic 6-32, 0.15" Installed Length	$16.81	1	$16.81	
	Brass Tapered Heat-Set Inserts for Plastic 6-32, 1/4" Installed Length	$16.81	1	$16.81	
	Brass Tapered Heat-Set Inserts for Plastic 4-40, 0.219" Installed Length	$21.05	1	$21.05	
	Passivated 18-8 Stainless Steel Phillips Flat Head Screw 100 Degree Countersink, 6-32 Thread, 3/8" Long	$15.96	1	$15.96	
	Passivated 18-8 Stainless Steel Pan Head Phillips Screw 4-40 Thread, 1/2" Long	$14.35	1	$14.35	
	Gorilla Glue Epoxy Adhesive	$8.97	1	$8.97	
	Gorilla Dual Temp Mini Hot Glue Gun Kit with 30 Hot Glue Sticks	$11.39	1	$11.39	
			Total Cost	**$3,937.95**	