

Bill of Materials

Item	Team	Qty.	Price	Subtotal
NVIDIA Jetson AGX Orin	504	1	\$ 1,999.00	\$ 1,999.00
MB1040-000 LV-MaxSonar-EZ3	504	5	\$ 21.95	\$ 109.75
550FTC04N Shielded Cable (100 per pack)	504	1	\$ 3.45	\$ 3.45
ADP1765-1.0-EVALZ Voltage regulator	504	1	\$ 57.68	\$ 57.68
MB7961 Power Supply Filter	504	1	\$ 2.59	\$ 2.59
Intel Realsense Depth Camera D457	504	1	\$ 499.00	\$ 499.00
Radio Flyer Tesla Model S	503	1	\$ 800.00	\$ 800.00
Hex Head Cap Screw 1/4"-20, 1 1/2 in lg (pack of 100)	504	1	\$ 8.46	\$ 8.46
Hex Nut 1/4"-20, 7/16 in Hex Wd, 7/32 in Hex Ht(pack of 100)	504	1	\$ 4.88	\$ 4.88
Battery Wire (SAE J1128)	504	50	\$ 1.60	\$ 80.00
Radio Reciever	504			\$ -
Radio Transmitter	504			\$ -
FLASHFORGE D-SERIES PLA FILAMENT	504	1	\$ 34.00	\$ 34.00
Aluminum Rod 6061: 1 in Outside Dia, 36 in Overall	503	2	\$ 37.72	\$ 75.44
Aluminum Plate 6061: T651, 24 in Overall Lg, 12 in Overall Wd, 0.5 in Thick, Mill, +/-0.002 in	503	1	\$ 294.20	\$ 294.20
Wire Wrap 30 AWG Black Polyvinylidene Fluoride (PVDF) 100' (30.5m)	503	1	\$ 27.95	\$ 27.95
Wire Wrap 30 AWG Yellow Polyvinylidene Fluoride (PVDF) 100' (30.5m)	503	1	\$ 27.95	\$ 27.95
Wire Wrap 30 AWG Green Polyvinylidene Fluoride (PVDF) 100' (30.5m)	503	1	\$ 14.95	\$ 14.95
Wire Wrap 30 AWG Blue Polyvinylidene Fluoride (PVDF) 100' (30.5m)	503	1	\$ 14.95	\$ 14.95
830-POINT BREADBOARD	503	5	\$ 5.95	\$ 29.75
Sensor and switch mounting brackets (Zinc plated Steel)	503	5	\$ 10.71	\$ 53.55
Front Camera Bracket (6061 Alumnum)	504	1	\$ 6.48	\$ 6.48
Motor Driver (TB6586FG,C8,EL,HZ)	503	5	\$ 1.05	\$ 5.25
ZIPCCI 80 Pcs Mini Car Fuse, Fuses Assortment kit (1A/3A/5A/10A/15A/20A/30A/40AMP) Automotive Blade	504	1	\$ 5.59	\$ 5.59
Switches	504			\$ -
R16 Bearings	503	6	10.14	\$ 60.84
Radiolink RC6GS V3 (Remote Control)	503	1	85	\$ 85.00
Motors RB-LYN-988	503	4	67.99	\$ 271.96
Cdx Grade Plywood Sheet, 1/2" Thick, 24" Long x 24" Wide	503	7	\$ 10.40	\$ 72.80
Phillips Flat Head Screws for Wood				\$ -
Zinc-Plated Steel, Number 5 Size, 1" Long	503	1	\$ 9.66	\$ 9.66
				\$ -
				\$ -

\$ -
\$ -

Vendor	Lead Time	Status
Amazon	1 week	Ordered
Digi Key	2 weeks	Ordered
Digi Key	6 days	Ordered
Digi Key	6 days	Ordered
MaxBotix	6 days	Ordered
Intel	5 days	Ordered
RadioFlyer	N/A	Approval
Grainger	1 week	Ordered
Grainger	1 week	Ordered
		Ordered
		Ordered
Digi Key		Ordered
Grainger		Ordered
Grainger		Ordered
Digi Key	2 weeks	Ordered
Digi Key	2 weeks	Ordered
Digi Key	2 weeks	Ordered
Digi Key	2 weeks	Ordered
Digi Key		Ordered
Digi Key		Ordered
McMaster		Ordered
McMaster		Ordered
Digi Key		Ordered
ZIPCCI	6 days	Ordered
		Ordered
McMaster		Ordered
Amazon		Ordered
Digi Key		Ordered
McMaster		Ordered
McMaster		Ordered

Budget	Total	Delta
\$10,000	\$ 4,655.13	\$5,344.87

