

Sheet1

Small Power Cube Bill Of Materials

Qty	Part Number	Description	Source	Unit Price	Price
15 ft	1" x 1" x 1/8"	Angle Iron	Local	\$13.60	#VALUE!
4 in	4" x 1/8"	Flat bar	Local	?	#VALUE!
1	?	3/8" NPTM to 3/8" NPTM Nipple 4"	Local	\$2.91	\$2.91
4		Screw: #10 x 1/2"	Local	?	
4		Nut, #10	Local	?	
4		Flat washer, #10	Local	?	
4		Lock washer: #10	Local	?	
3		Screw: Bevel head, 1/4" x 1/2"	Local	?	
3		Nut: 1/4"	Local	?	
1	9-7291	Oil Filter	SurplusCenter	\$11.95	\$11.95
1	9-5502-6-6	3/8 NPTM to 3/8 NPTF 90 ELBOW	SurplusCenter	\$2.35	\$2.35
1	903-3812	3/8" X 12" 3/8 NPTM X 3/8 NPTM 3000 PSI HYD HOSE	SurplusCenter	\$5.10	\$5.10
1	903-3818	3/8" X 18" 3/8 NPTM X 3/8 NPTM 3000 PSI HYD HOSE	SurplusCenter	\$6.05	\$6.05
1	9-5404-6-6	3/8 NPT HEX NIPPLE	SurplusCenter	\$1.35	\$1.35
1	928-C	3/4" QUICK COUPLER S40-6	SurplusCenter	\$25.95	\$25.95
3	9-5406-12-6	3/4 NPT TO 3/8 NPT Bushing	SurplusCenter	\$2.45	\$7.35
1	11-2450	Pushbutton ON/OFF Switch	SurplusCenter	\$1.49	\$1.49
1	9-7549	2 GPM SHAFT DRIVE HYD POWER UNIT	SurplusCenter	\$109.95	\$109.95
1	1585717	AC to DC Power Supply Single Output 24 Volt 40 Amp 960 Watt	Jameco Electronics	\$249.95	\$249.95
1	NTM5060-380	NTM Prop Drive Series 5060 380kv	HobbyKing.com	\$41.89	\$41.89
1	015000132-0	4mm Easy Solder Gold Connectors (10 pairs)	HobbyKing.com	\$3.26	\$3.26
1	9070000004	Hobbyking LED Servo Tester	HobbyKing.com	\$6.19	\$6.19
1	9261000006	HobbyKing 100A ESC 4A UBEC	HobbyKing.com	\$39.99	\$39.99
1	36XLB037-6A	GearbeltPulley, XL, 36 Grooves	Grainger.com	\$43.70	\$43.70
1	10XLB037-6FA	GearbeltPulley, XL, 10 Grooves	Grainger.com	\$17.12	\$17.12
1	1DHH8	Gearbelt, XL, 65 Teeth, Length 13.0 In	Grainger.com	\$6.66	\$6.66
	Total				583.21
	Prototype				\$165.49
					3.475
					168.965

\$91.33

\$67.48

Micro Power Cube Prototype Expenses

Description	Amount	
Hardware Store – 6" nipple	\$2.91	
Grainger – Pulleys and belt	\$82.52	
Jameco – 1000 Watt Power Supply	\$199.43	
Hobby King – Motor, ESC, connectors, tester	\$97.66	
Steel Supplier	\$13.60	
Surplus Center – Hydraulic Components	\$172.26	
Accessories	\$30.00	
Labor	\$200.00	\$598.38
Mileage to / from Missouri (1202 miles)?	\$673.12	
Total	\$1,471.50	