



Hydroponic Grow Tower Costs – Estimated in Fairbanks, AK Prices.

Main Structure

Item Description	Amount	Cost/Item	Total Item Cost
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Two Gallon Buckets	3	\$4.98	\$14.94
Two Gallon Bucket Lids	3	\$2.68	\$8.04
Five Gallon Bucket	1	\$7.98	\$7.98
Five Gallon Bucket Lid	1	\$2.58	\$2.58
Submersible Pump -185gpm	1	\$25.00	\$25.00
1" 45° Elbows – Lowes	16	\$1.78	\$28.48
Stainless ¼" Steel Hex Bolts	6	\$.46	\$2.76
Stainless ¼" Steel Wing Nuts	6	\$.75	\$4.50
½" PVC pipe 4 ft length	4Ft	\$4.49	\$4.49
Funnel	1	\$2.99	\$2.99
½ male adapter for pump	1	\$.76	\$.76
Total Cost of Tower Components			\$102.52

Light Structure

Item Description	Amount	Cost/Item	Total Item Cost
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2 ft LED Grow Light – Amazon “Barrina”*	Set of 4	\$59.99	\$59.99
Three Way 1" PVC Side Elbow Sockets	8	\$5.22	\$41.76
1" PVC Pipe – 10ft lengths	4	\$9.51	\$38.04
Power Strip	1	\$6.98	\$6.98
Timer	1	\$8.98	\$8.98
Total Cost for Light Structure			\$155.75

Total Cost for one Tower - \$258.27

Amazon Link for Suggested Lights:

Barrina Grow Light Bulb, 96W(4 x 24W), Full Spectrum 2FT LED Grow Light, V-Shape T8 LED Grow Light Strips, Plant Lights for Indoor Plants, 4-Pack

https://www.amazon.com/dp/B07ZYPNG17?ref=ppx_yo2ov_dt_b_product_detail