

LIST OF MATERIALS AND COSTS

!!! Articles are also described in detail in the text - read the text to make sure you understand it all !!!

!!! You can get most of the stuff in any hobby market for a reasonable price - we have attached links to the crucial components we work with !!!

1USD = 21,70CZK

N.O.	Article name	Material specification	Unit	Unit cost (CZK)	Quantity	Total cost (CZK)	Total cost (USD)	Link or place to buy
1	Polypropylene HT Pipes	1000x110mm	pc	103	5	515	23,73	Buhaus (hobby market)
2	Reduction HT 110-50mm	110 - 50mm	pc	136	10	1360	62,67	Buhaus (hobby market)
3	Polypropylene HT lid	50mm	pc	17	10	170	7,83	Buhaus (hobby market)
4	1" bulk head fitting		pc	134	6	804	37,05	Buhaus (hobby market)
5	Flat rubber sealing ring 1"		pc	5	15	75	3,46	Buhaus (hobby market)
6	1/2" bulk head fitting		pc	103	5	515	23,73	Buhaus (hobby market)
7	1/2" valve		pc	99	5	495	22,81	Buhaus (hobby market)
8	1" hose connector		pc	75	1	75	3,46	Buhaus (hobby market)
9	1/2" hose connector		pc	22	1	22	1,01	Buhaus (hobby market)
10	1/2" valve fitting		pc	50	5	250	11,52	Buhaus (hobby market)
11	1/2" hose fitting		pc	30	5	150	6,91	Buhaus (hobby market)
12	1" pipe connector		pc	20	5	100	4,61	Buhaus (hobby market)
13	1" hose fitting		pc	30	5	150	6,91	Buhaus (hobby market)
14	1" plastic hose		m	65	2	130	5,99	Buhaus (hobby market)
15	1" wave seal ring		pc	35	5	175	8,06	Buhaus (hobby market)
16	Teflon tape		pc	14	1	14	0,65	Buhaus (hobby market)
17	Hydroponics growing basket	8cm	pc	6	25	150	6,91	http://www.growmania.cz/nahradni-hydroponicke-kosicky-pro-amazon-108-8cm-p-6167.html
18	Paint	spray paint for plastic	pc	180	3	540	24,88	Buhaus (hobby market)
19	Super glue		pc	35	1	35	1,61	Buhaus (hobby market)
20	Double side glue tape		pc	200	1	200	9,22	Buhaus (hobby market)
21	Aluminium twin bar for LED	length 1000mm	pc	135	5	675	31,11	https://www.t-led.cz/p/led-profil-n11-siroky-92201
22	LED strip	20W/m, 6500k	m	189	7	1323	60,97	https://www.t-led.cz/p/led-pasek-sb3-600-vnitrni-7501
23	Cable	2 cores, 0,75mm2	m	8	10	80	3,69	https://www.t-led.cz/p/kabel-cerny-11101
24	Aluminium stick	length 1000mm, diameter 5mm	pc	50	1	50	2,30	Buhaus (hobby market)
25	Steel rope	diameter 3mm, coated in plastic	m	15	12	180	8,29	Buhaus (hobby market)
26	Steel rope lock		pc	5	12	60	2,76	Buhaus (hobby market)
27	Plastic box 50L	as strong as possible	pc	625	2	1250	57,60	Buhaus (hobby market)
28	Submersible water pump	BOYU FP 1500	pc	739	1	739	34,06	http://www.growmania.cz/regulovatelne-cerpadlo-boyu-fp1500-1500lh-p-5406.html
29	1/2" hose	black	m	65	2,5	162,5	7,49	Buhaus (hobby market)
30	Power source for LED	240W, 12V, IP67	pc	1360	1	1360	62,67	https://www.t-led.cz/p/led-zdroj-12v-240w-hps-12-240-zaruka-5-let-51126
31	Analog timer		pc	100	2	200	9,22	Buhaus (hobby market)
32	Electric socket connector	male	pc	120	1	120	5,53	Buhaus (hobby market)
33	Wage cable connector	2 locks	pc	8	3	24	1,11	Buhaus (hobby market)
34	Wago cable connector	5 locks	pc	25	2	50	2,30	Buhaus (hobby market)
35	Wago cable connector	3 locks	pc	12	2	24	1,11	Buhaus (hobby market)
36	Small waterproof electric box		pc	40	1	40	1,84	Buhaus (hobby market)
37	Extension cord with 4 sockets		pc	250	1	250	11,52	Buhaus (hobby market)
38	Cable ties		pckg	100	1	100	4,61	Buhaus (hobby market)
		Total CZK				12612,50		
		Total USD				581,22		