

cement products	amnt.	unit	price*
cement (648 bags à 40 kg)	25 920	kg	44 712
lime (6 bags à 30 kg)	180	kg	600
reinforcing fibres (10 bags à 600 g)	6	kg	2 180
Ladax Mono for 300 m ² (e.g. here)	12	bucket	26 940
Uniroof with fabrics for 133 m ² (much was left)	16	bucket	57 408
sand for concrete	24	m ³	
gravel ca. 8 - 16 mm	44	m ³	
stones (for septic tank)	8	m ³	
eventually soil (depending on place)	24	m ³	

metal products	amnt.	unit	price*
steel rebar ø 12 mm length 6 m (for vaults)	106	pcs.	1 484
steel rebar ø 12 mm length 1 m (for bond beam)	11	pcs.	154
remesh 10 × 10 cm ø 4 mm 233 m ² (for vault and roof)	39	pcs.	7 605
hardware cloth 3 mm squares (for vault)	130	m ²	
chicken wire (for roof) (e.g. like this)	100	m ²	
tie wire	10	role	
anchor bolts 12 × 20 cm (or bent steel rebar)	42	pcs.	

board insulation	amnt.	unit	price*
Perimeter or Styropor 76 boards 5 cm thick 120 × 240 cm	219	m ²	
polyiso: 50 boards 10 cm thick 120 × 240 cm (R-30)	144	m ²	

miscellaneous	amnt.	unit	price*
EPDM 3 × 15 m (for botanical cells)	45	m ²	7 425
EPDM 6 × 15 m (for septic tank)	90	m ²	14 850
plastic foil 0,15 mm thick 6 × 30 m	3	role	
building paper A400	2	role	
batt insulation 15 cm thick	12	m ²	
culvert tubes ø 25 cm × 6 m × 2 (like this)	4	pcs.	2 367
silver tape for climatization tubes	5	pcs.	
silicone caulking	70	tube	
joist hanger 5 × 20 cm	7	pcs.	
screws for wood 10 cm (like this)	200	pcs.	
screws for wood 7 cm	15	kg	
screws for wood 5 cm	4	kg	
screws for wood 3,8 cm	3	kg	
screws for wood 2,5 cm	2	kg	
gasket screws 5 cm	1 000	pcs.	
nails 2,5	3	kg	

wood	amnt.	unit	price*
lumber 2,5 × 10 × 500 cm	14	pcs.	
lumber 2,5 × 20 × 500 cm	20	pcs.	
lumber 5 × 10 × 5 cm	48	pcs.	
plastic wood (Trex): 5 × 15 × 488 cm	6	pcs.	
pine plates 5 × 15 × 488 cm	12	pcs.	
lumber 5 × 20 × 500 cm	10	pcs.	
pine rim joist 5 × 30 × 500 cm	3	pcs.	
plywood 12 mm thick 120 × 240 cm	1	pcs.	
plywood 10 mm thick 120 × 240 cm	3	pcs.	
oak boards 5 × 10 × 243 cm	44	pcs.	
impregnation Bochemit transparent			

glass	amnt.	unit	price*
Ditherm 65 × 145 cm	10	pcs.	
Ditherm 65 × 110 cm	10	pcs.	
Ditherm 95 × 110 cm	2	pcs.	
glass for door	4	pcs.	

water	amnt.	unit	price*
cistern 4 500 litres, plastic, can be buried	1	pcs.	32 000
ceramic filter Ceradyn (here for 69 €)	1	pcs.	1 863
filter cartridge (here for 80 €)	1	pcs.	2 160
toilet + hose + pipes			2 397

electrical system	amnt.	unit	price*
PV panels	3		
charge controller			
accumulators - like this	1	pcs.	12 710
connecting frame	2	pcs.	240
repro cable (for distribution)	40	m	1 080
three lamps 225 CZK each	3	pcs.	675
LED	3	pcs.	900
misc. (box, cable)			728
sockets + plugs			77
sockets, fuses and connectors for PV			228

misc. small things	amnt.	unit	price*
screws for wood			649
screws for wood			1 436
silicone caulking			3 435
PE foil			400
stove Karlík			2 631
chimney pipes			633
chimney pipes + pipes for connecting filter			562
chimney pipe			71
hardware (screws, lock, saw, tapes)			1 491
hardware (tapes, foil)			497
sand paper, tapes, paint cylinders			1 172
electrical installation			424
screws, tie wire			1 159
hangers for windows, doors and skylight			250
Bauhaus (drill, roofing, screws)			11 311
sheet metal Zn 0.6 mm			3 600
sheet metal with PE for roof			4 392
sheet metal for roof			8 784
sheet metal for roof			732
sheet metal for roof + flashing			948
Rockwool			900
soil			7 000
sand for floor			1 050
transport of sand + cement + remesh			900

Note: prices i CZK.

tires	count
330 pcs. R15 width 205, 215 or 235 (for walls)	330
40 pcs. R15 width 205, 215 or 235 (for stem wall)	40
total	370

boxes	count
350 pcs. medium size (e.g. from wine)	350
total	350

cans and bottles	count
4 000 cans or plastic or glass bottles (for foundations)	4 000
7 200 cans or plastic bottles (for wall above the vault)	7 200
2 700 glass bottles (for wall above the vault)	2 000
160 bottle bricks 20 cm (for mosaic); bottles 2×	320
360 bottle bricks 20 cm (toilet and shower); bottles 2×	720
total	14 240

tools	count
back hoe first day	
bobcat for the whole time	
cement mixer 120 l for 230 V (like this)	1
generator min. 2 kW (if you have no electrical grid) (like this)	1
extension cord 15 m	3
angle grinder	2
small table saw	1
demolition hammer	1
sledgehammer 3,5 kg (like this)	10
shovels with round tip (like this)	10
pickaxe (like this)	3
spirit level 120 cm long (like this)	10
measuring instrument on tripod	1
rebar cutter for rebar ø 14 mm (like this)	1
rebar bender for ø 14 mm	1
wheelbarrow (like this)	5
stepladder	2
buckes ca. 12 l	20
accumulator screw driver (like this)	2
bits to fit screws (like PZ)	20
drills for wood (like this)	
hammer	5
measure tape (like this)	10
utility knife (like this)	10
rubber gloves	
work gloves	
tile saw (to cut bottles for bottle bricks)	1
wheel for cutting glass (if cut mechanically)	1
lending fee for saw	
sheeting 2 × 3	2
sheeting 4 × 5	2
cutting pliers	2
combination pliers	2
„rabicky“ pliers	2
sideways cutting pliers	2
protective glasses	10
jack for cutting wood	2
flat brush	3