

Firefly 2020 Revolutionary Labyrinth Template						
Expense Category		Cost per Unit	Units	Grant Request	Paid by artists out of pocket, Community Fundraising, or Donation	Total Cost
Build Space						
	Shop space monthly rent	\$200	5	\$1,000		\$1,000
	Assembly and storage space monthly rent	\$150	5	\$750		\$750
				\$0		\$0
Build Space Subtotal		\$350		\$1,750	\$0	\$1,750
Structural Materials		Cost of one Cylinder		Full Labyrinth		
	Sanded 3/4" Birch Plywood for routed platform floor (lays under entire footprint of the project)	\$56	8	\$431		\$431
	Sanded 1/4" Sanded Pine Plywood for ceiling panels	\$31	5	\$155		\$155
	1 4x8' sheet 1/4" Plate Steel	\$95	1	\$95		\$95
	3' 1/8" 1.5" square tube steel for hubs and feet	\$22	5	\$112		\$112
	3x 4x8 18 (.040) Aluminum Sheeting (painted white)	\$54	15	\$815		\$815
722.8	55.6' .120 1.5" square tube steel	\$47	12	\$1,565		\$1,565
561.6	43.2' .120 1.5" A36 steel flat hot rolled	\$12	11	\$372		\$372
832	64' .120 1"x1" angle iron hot rolled steel	\$12	16	\$533		\$533
Structural Materials Subtotal		\$331		\$4,077	\$0	\$4,077
Tools & Consumables						
	Impact Driver (for lag bolts)	\$99	1	\$0	\$99	\$99
	Shovel	\$13	1	\$0	\$13	\$13
	Corrosive inhibitor spray paint (Krylon or Rustoleum coating)	\$96	1	\$96		\$96
	air compressor/leaf blower for servicing track	\$120	1		\$120	\$120
Tools & Consumables Subtotal		\$328		\$96	\$232	\$328
Hardware						
	3/8" x 14" lag bolts for securing suspending structure to ground (box of 50)	\$58	1	\$58		\$58
	1/4" x 2.5" carriage bolts for securing aluminum sheet and steel quadrant framing (box of 100)	\$14	3	\$42		\$42
	One-Piece Steel Thrust Ball Bearing	\$19	5	\$95		\$95
	1/2-13 x 3" Extra Long Hollow Bolt	\$14	5	\$70		\$70
	1/2-13 Zinc Plated Hex Nut (pack of 50)	\$11	1	\$11		\$11
	1/2-13 Zinc Plated Washer (pack of 25)	\$6	2	\$12		\$12
	1/4" washers (100)	\$7	3	\$20		\$20
	1/4" nuts (100)	\$4	3	\$11		\$11
Hardware Subtotal		\$132		\$319	\$0	\$319
Lighting / Electrical						
	12.5mm slip ring 6 wire x 2A w/flange	\$11	14	\$154		\$154
	Outdoor High Intensity Side View LED strip 12V, ass	\$42	14	\$588		\$588
	Waterproof LED Neon Strip 12V, Cool White 5 meter	\$12	14	\$168		\$168
	Supplemental LED lighting, Indoor and Outdoor	\$0		\$0	Donated by Carl G	\$0
	100' 18 AWG 2 conductor Hookup Wire Red/Black	\$22	1	\$22		\$22
	500' 16/2 Black Landscape Wire	\$109	1	\$109		\$109
	Orange Wire Nuts	\$11	1	\$11		\$11
	Marine Heat Shrink Tubing Assortment	\$6	1	\$6		\$6
	Solar panels, charge controller, and 12V deep cycle batteries	\$0		\$0	Donated by Penrose Triangle	\$0
	Automatic 12V Battery Chargers	\$0	3	\$0	Donated	\$0
	8-outlet power strips with surge protectors from Home	\$17			\$17	\$17
	100' 12/3 extension cords from Home Depot	\$80			\$80	\$80
	50' 12/3 extension cords from Home Depot	\$57			\$57	\$57
Lighting / Electrical Subtotal		\$367		\$1,058	\$154	\$1,212
Power						
	3000W Gas Generator with 12V accessory output	\$450	1	\$0	\$450	\$450

	generator fuel: 1/2 gallon per hour full load, 20 hours	\$3	20	\$0	\$55	\$55
	5gal gas can	\$0	4	\$0	\$0	\$0
<i>Power Subtotal</i>		\$453		\$0	\$505	\$505
Installation Artist needs (Sound, Decor)		per cylinder				
	Basic Material Stipend for 13 installation artists to produce their works inside each cylinder. There will be a crowdfunding event specifically for this need.	\$450	5	\$1,125	\$1,125	\$2,250
						\$0
						\$0
<i>Decor Subtotal</i>		\$450		\$1,125	\$1,125	\$2,250
Specialty Services & Fabrication						
	Fee for use of CNC cutter, machining, and other large	\$500	1	\$0	\$500	\$500
						\$0
						\$0
<i>Specialty Services & Fabrication Subtotal</i>				\$0	\$500	\$500
TOTAL				\$8,426	\$2,516	\$10,941