

Application: Karl Anderson - R2

Karl Anderson - kra@monkey.org
Make|Learn|Build Grant

Summary

ID: MLB-0000000456

Status: Final Report

Last submitted: Jul 6 2021 10:29 PM (PDT)

Make|Learn|Build Grant - Final Report Form

Completed - Jun 7 2022

MLB Grant - Final Report

Questions about this form? Please contact the RACC Grants team at grants@racc.org.

Address Check

The address we have on file for you is:

1737 SE MAPLE AVE

Portland, Oregon 97214

If this address is no longer accurate, please update your Applicant Profile [here](#) before completing this form.

Award Amount - \$ 1500

Original MLB Activity - *Futel is a public interactive installation combining participatory art and communication services, linking locations to communities and history. Our installations have been live since 2014, with ten sites in Portland and tens of thousands of interactions in 2020.*

This project will expand the artistic reach of Futel by developing mobile installations that use solar power and cellular internet. Futel's current installations are permanent. Mobile and temporary installations will diversify our audience and community of participants.

Learning and prototyping will take place in the last quarter of 2021. Testing and deployment will take place in the first half of 2022. Deployment will be at an event or site hosted by a Futel partner. Previous examples of Futel installations at events include Open Signal Fest, the Village Building Convergence, and the Teardown Conference.

Number of People Involved in the MLB Activity:

Artists:	(No response)
Administrative Support:	(No response)
Technical Staff:	1
Volunteers:	(No response)
Other:	1

Number of Audiences or Events, if applicable:

Total # of events:	0
Total Audience reached:	(No response)
Location(s) of any public presentations::	(No response)
Zipcode of locations, if applicable:	(No response)

In terms of your original goals, how successful was this activity?

The project was largely successful and we accomplished most, but not all, of our goals.

With the support of the grant we were able to design and iterate on installations with new capabilities. We built a working, portable installation, powered by a battery with an integrated charger and with cellular internet, which can operate for a day after charging. We also built a bench demonstration of a solar powered installation, and designed a frame to incorporate it into a movable or permanent housing.

The new installation, capabilities, and knowledge will expand the locations where we can deploy our work. We are using this to to strengthen our proposals and seek more flexible locations for future installations.

We were not able to build a working solar powered installation which is ready to deploy, but the bench demo proves the concept and demonstrates everything but the solar panel housing.

What were the unforeseen challenges and lessons learned from administering this activity and grant?

An unexpected challenge involved the requirements of securely housing solar panels. Because our installations use salvaged phone booths which may need repair, but almost no structural improvements, we did not realistically estimate the work and costs involved in building a stable housing for the solar panel size we needed.

We had to make several purchases of small components, including battery chargers, before finding one that was suitable for our usage patterns. This wasn't unforeseen, but the lesson learned is to avoid making assumptions when planning around unfamiliar components.

If you would like to provide links to activity documentation or publicity, please paste them here:

(No response)

How did the final activity budget compare to what you originally proposed?

The project went slightly over budget, but the project was worthwhile and will be very positive for our future artistic prospects. We reduced wages as can be seen by comparing the report budget with the proposal budget.

Final Activity Costs:

Please report on the final CASH expenses for your activity. Provide a brief description of the cost and the final, actual amount spent.

	Line Item Description:	Amount:
1	hotspots, other IT hardware	315
2	batteries, chargers	178
3	solar parts	176
4	other electrical hardware	169
5	enclosure parts and hardware	19
6	tools	22
7	payphone and enclosure	300
8	admin worker	100
9	electrical engineer/consultant	200
10	assembly/construction worker	100
Total		1579.0

Final Contributions:

Please report on any sources of CASH contributions towards your activity that helped cover the expenses listed above. The first line item should be your RACC Grant Award. The total should equal your total Final Activity Costs above.

	Line Item Description:	Amount:
1 - RACC GRANT	RACC Grant	1500
2		
3		
4		
5		
6		
7		
Total		1500.0

The total of your Final Activity Costs and your Total Cash Contributions should equal for a balanced budget. Is it balanced?

No

If no, please explain:

The project went slightly over budget. We reduced wages and relied more on volunteer labor to compensate.

Feedback on this Make|Learn|Build Grant and the overall grant process is always appreciated. Please let us know what worked for you, what didn't, and how we can improve our process and programs:

(No response)

Don't forget to click the green "Submit" button when all Tasks are complete to submit your final report.