

## North Portland Trust Fund Placemaking Grant 2019

**Submitted by:** Hayden Island Neighborhood

**I. Project Title:** \_\_Solar WiFi in a Briefcase\_\_

**II. Service Area:** \_\_Hayden Island\_\_

**III. Do you have a fiscal sponsor:** No ☐ Yes X☒

If YES, please provide 501c(3) name and tax ID number:



### IV. Contact Information

Name and contact information for a primary and secondary (or backup) project coordinator responsible for directing the project's work and reporting outcomes.

#### A. Project Coordinator

Name: Sam Churchill

Address: 12481 N. Westshore Drive, Hayden Island

Email: [schurchill@gmail.com](mailto:schurchill@gmail.com) Phone: 503.380.1246

#### B. Secondary Coordinator Name:

Name: Jeff Geisler

Address: Chairman, Hi-Noon

Email: [jeffgeisler@msn.com](mailto:jeffgeisler@msn.com) Phone: 503.936.2425



If relevant, list partner organizations and contact information (website, email or contact name):

Hi-Noon (Hayden Island Neighborhood Network) [www.myhaydenisland.com](http://www.myhaydenisland.com)

### V. Project Narrative

Provide explanations to the four (4) items listed in the application, no more than 2 pages total or one half page per question. Proposals exceeding this length will not be considered for funding.

**Item 1. Project description.** How the funds will be used. Provide a narrative describing items in each line of the budget.

A solar powered, public WiFi access point is proposed for Hayden Island. All components fit inside a Pelican-style briefcase for portability. The briefcase allows (free) mobile internet anywhere on (or off) the island, using LTE for backhaul. A discounted LTE backhaul plan, through ConnectAll.org, for 501(c)3 non-profits, provides unlimited LTE backhaul for \$12/month. One year of community WiFi service (\$144) is provided. The briefcase WiFi is self-contained providing internet access and power anywhere. It provides free WiFi at public events, along with a Voice activated Google videophone and emergency information available locally via WiFi and cellphones (if cellular networks and power are not available).

**Item 2.** *How will this project meet one or more of goals of the NPTF Placemaking Grant:*

A. Increase connections between people and the places they care about.

**Internet access is a necessity but many mobile home and boat dwellers on Hayden Island have none. By providing free public internet access with (sign-in) through the Neighborhood Association website, ALL residents benefit. Information can be quickly dispersed to smartphones. The solar panel powers the hotspot 24/7, even if grid power is down. It also enables free WiFi and power for use at island-wide public events that lack power.**

B. Engage historically marginalized and/or underrepresented communities.

**The Hispanic community at the Manufactured Home Park now represents 40% of the population, yet is underserved. Bilingual information will be available on the captive portal (splash page) to direct Hispanic users to general neighborhood information as well as earthquake preparation and response information at [hayden-island.net](http://hayden-island.net).**

C. Sustain those already involved and/or strengthen existing programs.

**The neighborhood association needs to strengthen its outreach program, particularly since any proposed I-5 bridge will create traumatic changes for ALL 3000 island residents and businesses on the island. A free public WiFi system will enable the existing neighborhood association to get the word out and encourage dialog.**

**Item 3.** *Answer the following questions.*

A. Who will benefit from this project?

**Island residents who cannot afford broadband, (2) the neighborhood association benefits with broadband enabling presentations at meetings, (3) the general public who can utilize broadband to check news and email, (4) minorities who have access to information in their native tongue, (5) all residents who need emergency information after an event.**

B. How many people will be engaged by your project?

**Currently there is no free public WiFi on the island. We estimate that 20-30 people might be engaged with free WiFi on a daily basis. We believe free public WiFi will be valuable to school kids who lack WiFi at home and visitors interested in local events and attractions.**

C. How will outreach be conducted?

**Bilingual notices will be created and posted on bulletin boards next to every mailbox location in the manufactured home park, and made available to every HOA on the east side of the island. Businesses and hotels will be informed with postcards and posters.**

D. How will the project welcome diversity?

**The neighborhood association website, the “splash page” for the WiFi hotspot, will be bilingual and accessible to all, even those without internet access. The island’s Facebook site encourages diversity of opinion from all backgrounds and ethnicities.**

**Item 4. Provide a simple timeline, including start and completion dates and any major project milestones. List any additional funds being sought or used for this project.**  
August-September, 2019 - Upon notification of award, information describing the “Briefcase Hotspot, its goals will be posted on community websites and community bulletins.  
September-October, 2019 - Equipment is ordered and tested.  
October-December, 2019 - The hotspot is installed in its “home base” and publicly available.  
December-February, 2019 - The 40 watt solar panel is stress tested over short, dark winter days and closely monitored to check performance.  
February-December, 2020 - Pending any modifications, the Hotspot is fully operational 24/7.

## VI. Budget

*This budget form must be filled out. A separate spreadsheet with more details and additional calculations may also be provided to describe supporting information.*

Item/Service/Expense	Requested Funds	Donated Services	Total
<b>A. Volunteer Services:</b> Related to administration, contractors, and staff	---	40 hrs @ 24/hr: \$960.00	<b>\$960.00</b>
<b>B. Paid Services:</b> Cell service (at \$12/mo x 12)	<b>\$144.00</b>	----	<b>\$144.00</b>
<b>C. Materials:</b> 1. Franklin R850 Hotspot 2. Folding Solar Panel 3. Suaoki AC/DC Powerpack 4. Pelican style case 5. Google Nest Hub	1. Hotspot: \$113.00 2. Solar:       \$ 99.00 3. Powerpak:   \$149.00 4. Briefcase:   \$ 75.00 5. Google Hub: <u>\$229.00</u> <i>Sub-total</i> <b>\$665.00</b>	----	<b>\$665.00</b>
<b>D. Other:</b> Misc connectors, etc.	<b>\$35.00</b>	---	<b>\$35.00</b>
<b>TOTAL</b>	<b>\$844.00</b>	\$960.00	<b>\$1,804.00</b>

I have reviewed the above information and endorse this proposal:

**Project Coordinator:** \_\_\_\_\_

**Secondary Coordinator:** \_\_\_\_\_