

Budget

~\$15k for datacenter

\$570/month for meet-me room and equipment room.

$$570 \times 12 = 6840$$

\$560/month for 2 x Antenna mounts

$$560 \times 12 = 6720$$

\$425/year Insurance for 3 installers and no sub-contractors, general
property/medical/accident liability

$$6720 + 6840 + 425 = \textbf{\$13985/year for 1Gb/s internet for 3 neighborhoods}$$

~15k for hardware/outreach

20	NSM5	\$84.99	\$1700
Educational and Outreach Materials (printing only)	Donated design costs		\$1000
30	Dual band routers	\$23	\$700
4000 ft	ethernet cable	\$250/1000 feet	\$1000
4	Raspberry pi starter kits	\$60	\$20
4	GPS modules	\$50	\$200
4	2.4/5Ghz pi module	\$15	\$60
4	Network install kits	\$100	\$400
2	PoE injectors/batteries	\$100	\$200
			=\$5500

\$5500 for Hardware

+\$14979.38 for Datacenter Access

= \$20,479 year of access for 50+ households with marginal access available to neighbors at an additional \$50 of hardware (1 time cost). In cases where we can run ethernet cable, marginal access is a trivial cost.

