

21 Acres is seeking volunteers to help build a very exciting fully electric truck! We are building today the truck of the future! It is a 12-ton fully battery-powered, refrigerated electric delivery truck that will be capable of extended highway and city driving. The project exemplifies sustainability as an old inefficient, polluting gasoline powered truck served as the base chassis and is being transformed with a modern 100% electric powertrain. In addition to serving the needs of the community by cleanly and quietly delivering its cargo, the truck has the striking appearance of a classic 1954 GMC so that it will attract attention wherever it goes. It will demonstrate to the world that purely electric propulsion can be a viable choice for even very large, heavy commercial trucks.

The ideal volunteer(s) will have some mechanical or electrical aptitude, and/or a good set of fabrication skills. If you are a tinkerer, a car or truck aficionado, or just a creative person interested in being a part of a cutting-edge project for a good cause, then here is a great opportunity to be a part of something big and exciting! The truck is using Tesla battery packs as well as other cutting-edge parts from Tesla, Borg Warner, GM, Cascadia Motion Systems and more.

The ideal candidate will possess the following qualities:

- A motivated builder/creator ~ you like to build things quickly and with high quality
- Good attention to detail
- Creative but not afraid to ask questions if unsure about something
- Good at following directions but also not afraid to make suggestions
- A team player able to work well with others and communicate clearly

Bonus skills which could be helpful

- Welding, general fabrication, mechanical or automotive aptitude, experience with racing cars or motorcycles, electrical wiring, robotics, computer coding/programming.

Project will be overseen by Stephen "Doc Electric" who has taught Electric Vehicle and battery technology courses at South Seattle College, designed and built electric vehicle battery pack still and helped build a number of world-record setting electric race vehicles including most recently the Ecopo Camaro for General Motors. If you are interested in learning more about electric vehicle technology, here's a great opportunity!

Sound interesting? Please send an email to Robin Crowder, rbcrowder@21acres.org, expressing your interest and why this project might be a fit. Thanks!