

## **Summary**

A proposed budget for the development project of a mobile application for the non-profit organization, Sponsor Humanity, is presented. The fundamental features and functions for this app are not yet defined (10 November 2020) so a fundamental set of capabilities is assumed. The majority of the cost is for software development and a small cost for equipment. One volunteer will do the large part of the software development. The projected amount of funding required for this project is \$20,000 USD to develop the first version of the mobile application.

## **Assumptions**

The following assumptions have been made for this project.

1. The “basic” features and functions are included such as user registration and login, and features to “Sponsor a Family” and for “Energy Exchanges”.
2. Users are available to assist in the definition of the mobile application features and capabilities.
3. One full-time volunteer and part-time consultant.
4. It is expected that the first release will require approximately 4 months to complete. Depending on the requirements, the development could take more or less time.
5. No support for an international version of this app is included in this proposal which means the first release will support English only. Foreign language support will require additional funding.
6. The Google software development tools will be used at the core of the application, specifically, Flutter and Firebase. Other tools will be used during this project.
7. Support for Apple and Android devices is included.