

Explanation of Budget

As advised by the UW Facilities Project Development Group, we are asking for a total of \$12,000 to cover costs for 1) surveying the land and investigating geotechnical conditions (\$7,000) and 2) any additional potential costs we may incur in completing a feasibility study, including hiring technical experts on an as-needed basis (\$5,000). Surveying the land and investigating geotechnical considerations were identified by UW Facilities as necessary steps for this project to move forward, and the costs for doing so were estimated based on historic projects. This will include an evaluation of the minor change in elevation over the site, the potential need for footings and demands of proper drainage, and miscellaneous aspects such as methane and the UBNA landfill.

Prof. Whittington's course offerings for UW Solar allow students of all levels and programs to offer 1-2 URBDP or ENGR credits to undergraduate and graduate students involved. These students have been in contact with several faculty who have offered their time and advice; these relationships will be leveraged to complete as much of the feasibility study as possible. Joanna Pang of UW Facilities Engineering Services has offered to provide guidance and a degree of technical support through this process with other staff. Julie Blakeslee has additionally offered her support in working with Environmental Health & Safety (EHS) through the permitting process. If technical roles cannot be filled by willing faculty or staff then the budget will be used to hire professionals. The proposed timeline for our project is centered around two full proposals, the first pertaining to funding for a feasibility study and the second pertaining to full project costs, likely in the fall of 2022. If our first full proposal is approved, its success is not contingent on the approval of a second full proposal. Initial funding that we do not use in this process will be refunded to CSF.