

BUDGET PROPOSAL CONTACT INFORMATION

Department Name: Giving Garden

Create Date: 11/04/2022

Due Date: 11/11/2022

Submitter Name: Clare Tupper

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Phone Number: 2533031365

Department Head Approval:

Department Head: Elizabeth Hansen

Requested Amount: **\$8,885**

Departmental Information

SPECIAL ALLOCATIONS - CRITERIA

The Giving Garden is requesting funds to purchase two solar power storage batteries to complete a special project to bring electricity to the garden's SHED. This project began in 2021, however other steps were required prior to solar panel and battery installation. All prior steps have now been completed so we are ready to move forward with final solar installation. These funds will allow the Giving Garden to install the first solar-powered system on the university campus and increase the garden's productivity, safety, and educational abilities.

STUDENT UTILIZATION

By adding electricity to the Giving Garden SHED we are providing a safer, as well as more efficient, work environment for our student employees. With the addition of electricity we can have lights inside the SHED, charge our tools without having to leave the garden, host more student involvement events that may require access to electricity and increase wifi capabilities at the garden allowing classes and students to use the garden for educational purposes more efficiently. With the addition of power at the garden we will also be able to complete our irrigation system project which will provide better growing conditions for our plants and create a larger yield for students

SPECIAL ALLOCATIONS - STATEMENT OF ASSURANCES

We are eager to complete our irrigation system project due to the funds coming from an outside donor almost two years ago. We cannot start on this project until we have electricity at the garden so we plan on using the funds to purchase batteries immediately. All other prep work to install the solar panels and batteries in the SHED have been completed so we should experience little to no delay.

SERVICE BENEFITS TO STUDENTS

According to a 2013 study by UW Tacoma Faculty Dr. Christine Stevens, one-third of students at UW Tacoma are food insecure. In 2018 a tri-campus study at UW uncovered that 26% of UW students self-identify as food insecure. These statistics align with national studies (Goldrick-Rab, Sara, et al. Still Hungry and Homeless in College. Wisconsin Hope Lab. 2018) on food insecurity and show a need to assist our students.

The Giving Garden is already addressing this need by providing fresh produce to The Pantry. Fresh food and produce is a big request of students accessing The Pantry, according to their surveys. In 2021 the garden donated over 400 pounds of produce. With students getting back on campus and with the help of our new greenhouse, we expect those numbers to continue to climb.

The immediate benefit to students participating in the Giving Garden is access to fresh nutritious food that they grow and a sense of service in supporting their fellow students. Beyond that, they have an outlet to be in nature and interact with the natural world without having to leave campus. Exposure to nature and fresh air has been shown to reduce stress and anxiety which is critical for busy students trying to balance their studies, work, and life. (Capaldi C, Dopko RL, Zelenski J. Frontiers in Psychology. 2014).

The Giving Garden also starts a career of community leadership with students, helping them learn about food security, equity, and the possibilities of growing your own food, even in an urban environment. The Giving Garden's harvests benefit every student who uses

The Pantry and is exposed to fresh produce. Without ever attending an event or visiting the garden itself, students are impacted by what we do. The garden also provides opportunities for students to work on campus in a leadership capacity while aligning them within their community. It allows the students to engage in a professional setting while giving them tools and connections for their future. Courses that utilize the Giving Garden grounds also give an opportunity for students to step foot outside of the classroom, allowing them to learn through a hands-on approach while connecting amongst their peers and building their community. The garden is becoming more and more intertwined with the campus through its partnerships with The Pantry, The Center for Student Involvement, Professional Development Center, faculty and their curriculum, and Facilities Services. Access is a core value of the University of Washington Tacoma and the Giving Garden serves this value through access to food, education, community, green space, and student growth

Staff Budget Requests

Category	Details	Amount Requested
PERSONNEL TOTAL:		\$0

Other Budget Requests

Category	Details	Amount Requested
Equipment	Discover AES Li Battery - 44-24-2800 X2 10in 4/0 Battery Cable, BLK THW, UL X2 Shipping and Tax included S001	\$8,885
SUPPLEMENTAL TOTAL:		\$8,885

PERSONNEL TOTAL:	\$0
SUPPLEMENTAL TOTAL:	\$8,885
COMPLETE PROPOSAL TOTAL:	\$8,885

Supplemental Documents



BACKWOODS SOLAR BATTERY QUOTE

Quote from solar panel equipment seller for two batteries and attachment cords