



GREEN FUND

Project Application

Green Fund Mission Statement: “The NAU Green Fund promotes student participation in and provides funding for projects that reduce NAU’s negative impact on the environment and create a culture of sustainability on-campus.”

REQUIREMENTS FOR FUNDING:

- The project must be implemented on the Flagstaff Mountain Campus.
- The person submitting the project must be a NAU student, faculty, or staff member.
- Projects must provide all necessary documents, letters of support, and authorizations prior to submission.
- The Green Fund distributes funding on a **reimbursement basis**. Project teams should partner with an administrative office to provide upfront funding for the project. Once the project has been successfully completed, the Green Fund will reimburse the administrative partner.
- All project applications should be submitted to greenfund@nau.edu for review.

DISCLAIMERS: All applications will go through a comprehensive vetting process, and you may be asked to provide more detailed information. **The Green Fund is not responsible for acquiring the necessary permits, permissions, or approvals for a project, although we are happy to assist with this process if needed.** Additionally, the Green Fund does not provide any ongoing maintenance costs unless otherwise specified by the committee. A sponsoring department must take responsibility for operations and management. The Green Fund Committee only meets during the academic year. All projects submitted outside of the regular academic year will be reviewed at the start of the next academic session.

REVIEW PROCESS: Upon project application submission, the Green Fund will begin to review your project within two-three weeks. At this time, the Green Fund will provide comments on the project. **This process can extend for long periods of time depending on the scope of the project.** Incomplete applications will not be reviewed until all components are submitted.

We highly recommend meeting with a Green Fund Committee member prior to submitting the application. The Green Fund Committee member will assist you with the proposal writing process, if needed.

CONTACT INFORMATION

Contact Information

Project Leader Name: **Ross Priehs**

Phone: **(248) 755 - 1222**

NAU Email: **Ross.Priehs@nau.edu**

Project Name: **Grounds Equipment Phase Two**

Project Advisor Information

Project Advisor Name: **Abraham Henn**

Phone: **(928) 523 - 5435**

NAU Email: **abraham.henn@nau.edu**

NAU Department/Unit for Funding Reimbursements:

PROJECT OVERVIEW

Please answer the following questions to the best of your ability, for questions that are not applicable, please list N/A.

Executive Summary

Please provide a brief overview of your proposal. Please address how this project will support the goals of the Green Fund (student involvement, creating a culture of sustainability, and lessening NAU's impact):

NAU's current groundskeeping equipment relies on internal combustion engines, resulting in air pollution, greenhouse gas (GHG) emissions, and noise pollution. Yet a superior alternative exists—electric battery-powered groundskeeping equipment. We propose to replace NAU's current groundskeeping equipment with electric alternatives.

This plan was originally proposed as a two-phased plan. Phase one was approved and implemented in the Spring of 2023 which included the purchasing and replacement of all push mowers and trimmers with electric equipment and purchasing batteries, chargers, and one additional piece of electric equipment as a trial for other groundskeeping equipment. This first phase was a success.

Due to this success this proposal has been submitted for Phase two of this project. Feedback was gathered from NAU Facility's employees and the purchase request for Phase two was gathered with their input. Phase two will include the purchasing of additional electric equipment to replace the remaining two-stroke and four-stroke engines, completing the project.

Project Components

1. Does your project require space or construction on campus? If so, where? Please review the "Space Committee Document" located on our webpage and follow the steps to begin requesting a location.

NA

2. Have you obtained all necessary approvals for this project? The Green Fund is not responsible for acquiring the necessary permits, permissions, or approvals for a project, although we are happy to assist with this process if needed. Please attach all letters of support to this application. Letters of support should include confirmation from the sponsoring department that the sponsoring department will cover all upfront expenses and work with the Green Fund Business Manager to acquire reimbursement after project completion.

YES

3. Does the project include any continued maintenance costs? The Green Fund does not provide any ongoing maintenance costs unless specified within the budget and approved by the committee. A sponsoring department must take responsibility for operations and management.

Yes. The grounds department will be handling it as they have been for the initial phase. It must be noted the maintenance is MUCH less for the electric equipment than two stroke engines. To quote grounds mechanic "My life is much easier with the electric equipment"

4. Will this project provide funding for student wages? Coordination of wages must be done through the sponsoring department and must be included within the project budget.

NO

5. Please list all additional sources of funding you have pursued, including department, grants, ASNAU graduate, student government, etc.

NA

Project Specifics

1. Is there a public outreach plan? How do you plan on communicating your project with the NAU community? Do you require assistance from the Green Fund in your outreach plan?
2. Are you working with other groups on or off campus? If so, describe your partnership.

Grounds Crew, NAU Office of Sustainability

Project Parameters

1. What are the environmental costs and benefits associated with your project?

In provided document

2. Is this a one time expense or will you require future funding for your project?

One Time

3. How will you measure and monitor the impact of your project after its implementation?

**Feedback was used from grounds crew from Phase 1 to facilitate Phase 2.
Feedback will be gathered after equipment is purchased again.**

Project Budget

Please include a thorough breakdown of all project costs as well as **justification for each line item**, as well as a 5% line item for contingency. Based on the parameters of the project, the committee may increase or decrease this contingency. **Make sure to include all potential taxes or costs associated with each item.**

This purchase list was developed with direct input and feedback from NAU Facilities on which equipment worked well and which was needed. The dealer, 'Total Rental Center' in Flagstaff, for Phase one gave a 20% discount on MSRP. Both numbers are calculated here.

Phase 2 Husqvarna

Equipment	Model	MSRP	Quantity	Total (MSRP)	20% Discount	Link
Hedge-Clippers	522iHD60	\$469.99	3	\$1,409.97	\$1,127.98	Link
Pole Hedge Clippers	520IHT4	\$499.99	2	\$999.98	\$799.98	Link
Chainsaw	T535i (Tool Only)	\$489.99	1	\$489.99	\$391.99	Link
Pole-Pruners	530IPT5	\$549.99	1	\$549.99	\$439.99	Link
Power Head	525iLK	\$369.99	2	\$739.98	\$591.98	Link
Edger Attachment	HA860	\$219.99	2	\$439.98	\$351.98	Link
Leaf Blower	550IBTX	\$499.99	5	\$2,499.95	\$1,999.96	Link
Handheld Blowers	350iB	\$229.99	3	\$689.97	\$551.98	Link
Back Pack Batteries	BLi950x	\$1,149.9 9	6	\$6,899.94	\$5,519.95	Link
Subtotal				\$14,719.75	\$11,775.80	
Tax				\$1,351.42	\$1,081.14	
				\$16,071.17	\$12,856.94	

5% Contingency (5% of total project cost)	\$642.85
Total Project Cost	\$13,499.78

Project Timeline

Please provide a timeline for the significant dates of your project. Please add all relevant information and consider any holidays/breaks and time required to obtain necessary approvals. **Please be as specific as possible.**

Timeline	
Action & Parties Involved	Month/Year
Approval	April
Order	May
Delivery	June/July

Anticipated Date of Completion	Start of Semester
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Project Completion Checklist

Please complete all of the following items before submitting an application

- Contact Information
- Project Overview
- Project Budget
- Project Timeline
- Obtain **ALL** necessary letters of support for reimbursement, ongoing maintenance, student wages, etc. Attach the letters of support to the completed application.
- Submit the completed application to GreenFund@nau.edu

Thank you for your submission. We deeply appreciate your commitment to sustainability at NAU, and we look forward to working with you.