

Secure Rural Schools & Community Self-Determination Act
Reauthorized by Public Law 115-141
Title II Project Submission Form
USDA Forest Service

Wrangell/Petersburg/Kake Resource Advisory Committee

Project Number: 21-11

Funding Fiscal Year(s):

2. Project Name: Wrangell Cabin Condition Surveys by STEM Students Project	3a. State: Alaska 3b. County(s): Wrangell Borough
4. Project Submitted By: Victoria Houser	5. Date: October 1, 2021
6. Contact Phone Number: 907-874-2323	7. Contact E-mail: victoria.houser@usda.gov

8. Project Location:	
a. National Forest(s): Tongass	b. Forest Service District: Wrangell Ranger District
c. Location (Township-Range-Section) Various Wrangell Recreation Sites	

9. Project Goals and Objectives: Support Wrangell STEM students to provide recreation site condition surveys to help improve recreation site quality through facility and trail maintenance and improvement.

10. Project Description:

a. Brief: (*in one sentence*): This project will provide several completed recreation site and trail condition surveys for remote recreation areas on the Wrangell Ranger District. Wrangell School District STEM Students will perform the condition surveys using high tech equipment.

b. Detailed: Over the past summer, students participating in the upward bound STEM program, a partnership between the Wrangell School District and the University of Alaska, worked with the Forest Service to perform a condition survey at Berg Bay Cabin. The end-product of this project was impressive, and the Forest Service wants to continue to work with the School District and University of Alaska to coordinate similar efforts to produce quality footage from high tech drones and cameras. This footage will be used in both planning and public involvement efforts regarding recreation projects for the Wrangell Ranger District. The students will also provide condition surveys of identified recreation facilities and trails.

The agency is interested in developing a partnership that will assist with our public lands management while providing opportunities for students to learn skills that will likely become more and more valuable in the future. Based on the success of the Berg Bay Cabin condition survey, the Forest Service has developed a list of additional recreation sites for condition surveys.

This proposal will provide condition surveys for identified recreation sites and trails, while offering STEM students an opportunity to develop new technological skills and experience. Some of the remote sites such as Eagle Lake Cabin or Kink Lake Trail require a boat or plane to access and these travel costs are prohibitive for the Forest Service or the partners. The proposed RAC funds will

support the completion of condition surveys and help provide access to the following identified recreation sites:

Deep Bay Cabin
Eagle Lake Cabin
Frosty Bay Cabin
Garnet Ledge Cabin
Harding River Cabin
Marten Lake Cabin
Steamer Bay Cabin
Virginia Lake Cabin
Kunk Lake Trail

11. Types of Lands Involved?

State/Private/Other lands involved? Yes No

Land Status:

If Yes, specify:

12. How does the proposed project meet purposes of the Legislation? (Check at least 1)

Improves maintenance of existing infrastructure.

Implements stewardship objectives that enhance forest ecosystems.

Restores and improves land health.

Restores water quality

13. Project Type

a. Check all that apply: (check at least 1)

Road Maintenance

Trail Maintenance

Road Decommission/Obliteration

Trail Obliteration

Other Infrastructure Maintenance (specify): Multiple cabin and trail sites

Soil Productivity

Forest Health Improvement

Watershed Restoration & Maintenance

Wildlife Habitat Restoration

Fish Habitat Restoration

Control of Noxious Weeds

Reestablish Native Species

Fuels Management/Fire Prevention

Implement CWPP Project

Other Project Type (specify): Planning

b. Primary Purpose (select only 1 from above): Other: cabin and trail maintenance

14. Identify What the Project Will Accomplish: (planning for a variety of these, see "other")

Miles of road maintained:

Miles of road decommissioned/obliterated:

Number of structures maintained/improved: 8

Acres of soil productivity improved:

Miles of stream/river restored/improved:
Miles of fish habitat restored/improved:
Acres of native species reestablished:
Acres of hazardous fuel treatment
Miles of trail maintained: 1.3
Miles of trail obliterated:
Acres of forest health improved (including fuels reduction):
Acres of rangeland improved:
Acres of wildlife habitat restored/improved:
Acres of noxious weeds controlled:
Timber volume generated (mbf):
Jobs generated in full time equivalents (FTE) to nearest tenth. One FTE is 52 forty hour weeks:
People reached (for environmental education projects/fire prevention): 8 students
Direct economic activity benefit: Career development
Other:

15. Estimated Project Start Date: 2022	16. Estimated Project Completion Date: 2024
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17. List known partnerships or collaborative opportunities.

Wrangell Public School District

18. Identify benefits to communities.

Local students gain real-life technology skills such as the use of drones, while the Forest Service receives high quality condition survey information with photo imagery for remote recreation sites. The information that the students provide helps to secure grant funding for site maintenance and could be used to bring more visitors to the sites, an economic benefit. Also, the students gain useful experience and work with professionals to learn about potential careers, while helping their community.

19. How does the project benefit federal lands/resources? The condition surveys help to prioritize maintenance on remote recreation sites and secure grant funding for improvements.

20. What is the Proposed Method(s) of Accomplishment? (check at least 1)	
<input type="checkbox"/> Contract	<input type="checkbox"/> Federal Workforce
<input type="checkbox"/> County Workforce	<input type="checkbox"/> Volunteers
<input type="checkbox"/> Grant	<input checked="" type="checkbox"/> Agreement
<input type="checkbox"/> Americorps	<input type="checkbox"/> YCC/CCC Crews
<input type="checkbox"/> Job Corps	<input type="checkbox"/> Stewardship Contract

<input type="checkbox"/> Merchantable Timber Pilot	<input type="checkbox"/> Other (specify):
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21. Will the Project Generate Merchantable Timber? Yes No

22. Anticipated Project Costs
a. Title II Funds Requested: \$18,000
b. Is this a multi-year funding request? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

23. Identify Source(s) of Other Funding: Migrant Student Grant; Wrangell STEM program

24. Monitoring Plan (provide as attachment)

- a. Provide a plan that describes your process for tracking and explaining the effects of this project on your environmental and community goals outlined above.
 - a. There will be a monitoring element to the agreement between the FS and the school district to ensure that projects are completed to a high standard and timely manner.
- b. Identify who will conduct the monitoring: Forest Service
- c. Identify total funding needed to carry out specified monitoring tasks (Worksheet 1, Item k): none.

25. Identify remedies for failure to comply with the terms of the agreement.

If project cannot be completed under the terms of this agreement:

- Unused funds will be returned to the RAC account.
- Other, please explain:

Project Recommended By:

/s/ Patrick Fowler
/s/ Kimberly Powell
Chairpersons
Wrangell-Petersburg Resource Advisory Committee

Project Approved By:

/s/ (INSERT Signature)
Forest Supervisor
Tongass National Forest

Project Cost Analysis Worksheet

Worksheet 1

Please submit this worksheet with your proposal

Item	Column A Fed. Agency Appropriated Contribution	Column B Requested Title II Contribution	Column C Other Contributions	Column D Total Available Funds
a. Field Work & Site Surveys				
b. NEPA/CEQA				
c. ESA Consultation				
d. Permit Acquisition				
e. Project Design & Engineering				
f. Contract/Grant Preparation	2500			2500
g. Contract/Grant Administration	7500			
h. Contract/Grant Cost		18,000 Agreement with school for condition surveys		18,000
i. Salaries				
j. Materials & Supplies	500			500
k. Monitoring				
l. Other ex. Partner Indirect Cost			\$20,000 Students and Teacher advisors	20,000
m. Project Sub-Total				
n. FS Indirect Costs				
Total Cost Estimate	10,500	18,000	20,000	\$48,500

NOTES :

Col. A: FS costs incurred as part of proposal implementation. Coordinate with FS to identify any FS cost for items in Col. A.

Col. B: Title II funding requested to implement the proposal.

Col. C: Matching funds being contributed by proponent or third parties. Proposals funded with a Participating Agreement will require a minimum 20% match.

Col. D: Sum of columns A, B, and C for each individual row.

Row A: Costs associated with project planning, not project implementation, such as assessment of miles of trail needing maintenance. Assessments and planning needed to develop a specific proposal. For Col. B: proponents must request permission in advance to request Title II funds to complete NEPA/CEQA analyses, as this is expected to be completed prior to proposal submission.

Rows B, C, D, and E: cost associated with environmental compliance and project design. Proponents must request permission in advance to request Title II funds to complete NEPA/CEQA analyses, as this is expected to be completed prior to proposal submission.

Row G: Costs associated with preparation of contract or agreement instruments used to implement the proposal. Contracts used to complete projects have special provisions; contact the FS to identify these early in the process.

Row G: Costs associated with administration of contract or agreement instruments used to implement the proposal.