Environment and Natural Resources Trust Fund

2026 Request for Proposal

General Information

Proposal ID: 2026-322

Proposal Title: Developing Wetland Resilience in Voyageurs National Park

Project Manager Information

Name: Haley Smith

Organization: National Park Service - Voyageurs National Park

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Project Basic Information

Project Summary: Increase resilience and ecosystem services wetlands provide by assessing and improving biometric indicators, creating a network of climate appropriate rice seed sources, and growing resilient native plants.

ENRTF Funds Requested: $774,000

Proposed Project Completion: March 31, 2030

LCCMR Funding Category: Resiliency (A)

Project Location

What is the best scale for describing where your work will take place?

Region(s): NW, NE,

What is the best scale to describe the area impacted by your work?

Region(s): NW, NE,

When will the work impact occur?

During the Project and In the Future

Narrative

Describe the opportunity or problem your proposal seeks to address. Include any relevant background information.

Voyageurs Wetland Restoration Project has spent almost a decade working to improve our wetlands by aggressively removing non-native plants using a wide variety of methodologies across numerous wetlands and lakes. Within these restored and improved wetlands, there is an increase in plant structural diversity and decrease in invasive plant cover. However, a deeper look into ecosystem functionality is necessary to improve the quality of restored wetlands and their ability to perform important ecosystem services, such as hosting diverse populating of aquatic macroinvertebrates, host common and rare pollinator plants, hosting underwater structural diversity to ensure fish populations thrive. Additionally, due to increased temperatures, shortened winters, and early season flooding, we expect to see a decrease in viability and productivity of plant communities within our wetland systems. Wild rice are especially threatened by early season flooding and extreme weather events. Long-term wetland invasions may have other negative impacts needing deeper analysis following restoration. Communication on these issues amongst land managers and stake holders, especially traditional knowledge keepers, is often compartmentalized, leading to lack of knowledge and results sharing in some arenas.

What is your proposed solution to the problem or opportunity discussed above? Introduce us to the work you are seeking funding to do. You will be asked to expand on this proposed solution in Activities & Milestones.

We will develop a network using data driven, climactically appropriate seed decisions for wild rice and other species in wetland restoration planning. Researchers, land managers, and traditional knowledge keepers will be brought to the park to learn and tour restoration areas, to discuss climate change, seed movement, and restoration techniques in wetlands. Seed movement of wild rice will be facilitated within this network, moving seed from one area to a new area that is more climactically appropriate in the future. We will host macroinvertebrate surveys ("Macro BioBlitz") for the public and youth groups, as well as staff. We will perform more thorough plant inventories of plants at select plots in treatment areas, including subspecies of wild rice Voyageurs National Park and neighboring areas of Rainy Lake Watershed. We will collect seeds and create specialized plant communities in the greenhouse called plant tiles. These tightly intertwined, aggressively growing plants root rapidly when placed in wetlands and outcompete other vegetation. We will assess woody debris and below-water macroinvertebrate communities in treated wetlands and intact wetland ecosystems. We will work to add down woody debris, such as root wads, and logs, to areas found needing structural diversity.

What are the specific project outcomes as they relate to the public purpose of protection, conservation, preservation, and enhancement of the state's natural resources?

Diverse and resilient wetlands are more resistant to non-native plant invasions. By developing resiliency further in wetlands, this proposal will improve fish, insect and bird habitat, benefiting not just local, but statewide and continent-wide populations. Healthy wetlands attenuate flooding and improve water clarity and quality, crucial aspects of the Outstanding Resource Value Waters of our lakes here in Voyageurs National Park. Our goal is also to develop regional networks of seed collectors that can share knowledge and resources to ensure climate adapted wild rice stands in the future, furthering the reach of resiliency in wetlands we hope to develop.

Activities and Milestones

Activity 1: Develop networks of land managers for shared seed collection resources and knowledge sharing workshops.

Activity Budget: $175,130

Activity Description:
Workshops will be shared across Minnesota and further to discuss the role of climate change, seed source selection, restoration methodology, and climate modeling. Developing a deeper understanding with land managers will allow for best practices to be shared. Encouraging participation by First Nations' will be a primary goal of this portion of the project. Field site visits will increase collaboration at the regional level. We also hope to share seed collection efforts, as well as create a network of climate change gradient by which we can transfer seed to new, more appropriate climates. Seed may still need to be purchased even with collaborative collection. Outcome: Shared knowledge, increased collaboration, and sharing of climate appropriate seed.

Activity Milestones:

Description	Approximate Completion Date
Begin site visits to develop relationships with tribes, state entities, county entities, and seed collectors.	June 30, 2026
Field surveys in Voyageurs and Koochiching Soil and Water Conservation District to determine rice phenotype.	July 31, 2026
Begin Wild rice Climate workshops, summits, and panels will begin but occur regularly.	August 31, 2026
Begin citizen science wild rice phenology project	May 31, 2027
Collect rice seed annually	September 30, 2029
Distribute rice seed as appropriate with collaborators and land managers	September 30, 2029

Activity 2: Growout of locally sourced plants

Activity Budget: $295,160

Activity Description:
To aggressively combat non-native plant invasion, the best option is to plant mature plants, plugs, or seedlings in restored wetland. Bare soil caused by intense restoration can be invaded by seed. Planting intact plants will outcompete any non-native seed present. With the excellent resource of a greenhouse on site, we plan to collect native seed and grow plugs for wet prairies, and wetland tiles for emergent wetland areas. These will be deployed in the park, and also areas with which we may share seed. Culturing protocols will be researched and developed as necessary. Collected seed will be stratified and germinated on site. This will be an excellent opportunity for knowledge sharing and volunteerism. Outcomes: 10 acres of removed cattails. 1000 square feet of plants tiles planted (approximately 10,000 individual plants). Approximately 14 culturing protocols for wetland plants published. Develop a culturing manual: Culturing Wetlands plants for Northern Lakes Restoration.

Activity Milestones:

Description	Approximate Completion Date
Prepare greenhouse, including some thermostat, venting, and heating repair (itemized)	April 30, 2026
Begin seed stratification and grow out. Sowing will be a volunteer opportunity for community.	May 31, 2026
Begin seed collection	August 31, 2026
Map seed locations across regions for select relevant species. Used shared data with nearby landmanagers.	September 30, 2027
Develop culturing manual for wetland plants to share with collaborators	December 31, 2028
Develop culturing protocols for publication on Native Plant Network protocols and procedures website	December 31, 2028

Site prep and outplant plants from greenhouse	September 30, 2029

Activity 3: Assessment and establishment of course woody debris in wetlands

Activity Budget: $151,000

Activity Description:
Contract removal of remaining cattails in wetland sites may be utilized for site preparation in several wetlands. This method has been extremely successful and well tested. We would then assess the restored wetland for downed woody debris. Floating cattail mats can be present for decades, prevent woody debris in the areas they infest. We would survey restored wetland sites and intact wetland sites for down woody debris. Site assessments would be performed by our employees during year one of this grant If sites are seen to lack reasonable down woody debris, we would bring in those materials from within the area for addition to wetlands. Materials would include removed hazard trees from nearby sites, or root wads from downed trees. Materials would be from the lake or terrestrial area surrounding their respective wetlands. Outcomes: Novel data on coarse woody debris in wetlands in Northern Minnesota. Potential to publish finding in peer reviewed journal. Roots wads and logs established in improved wetlands.

Activity Milestones:

Description	Approximate Completion Date
Remove cattail mats using contractor in selected sites.	August 31, 2026
Assess coarse woody debris in un-impaired, healthy wetlands	October 31, 2026
Begin coarse woody debris assessments in wetlands based on time since treatment	August 31, 2027
Statistically Assess CWD appropriate ranges for healthy wetlands	November 30, 2027
Add appropriate wood quantities to wetlands as needed	October 31, 2028
Present findings on Coarse Woody Debris and improved wetlands at conference	March 31, 2029

Activity 4: Assess species richness in wetlands

Activity Budget: $152,710

Activity Description:
Species richness in wetlands will be assessed using two methods: 1. Plant species richness assessment with the use of select numbers of plots in which all plants will be identified to species. 2. Identification of macroinvertebrates in wetlands using a community "BioBlitz." This method will be repeated with staff for less publicly accessible wetlands. Outcomes: Novel data on macroinvertebrate and plant species richness in wetlands in Northern Minnesota. Maps for future seed collections. Public outreach and education through bioblitz days. Findings will be presented at conferences.

Activity Milestones:

Description	Approximate Completion Date
Macro invertebrate Bioblitz method development trial	August 31, 2025
Macroinvertebrate biolblitz day with the public	August 31, 2026
Present findings at a conference	March 31, 2029
Plant species richness assessment in wetland systems	August 31, 2029

Long-Term Implementation and Funding

Describe how the results will be implemented and how any ongoing effort will be funded. If not already addressed as part of the project, how will findings, results, and products developed be implemented after project completion? If additional work is needed, how will this work be funded?

Voyageurs performs regular maintenance on these sites. Cost sharing from other projects will be utilized for greenhouse operations in the future so that the greenhouse stays in working order. We have maintained sites on a regular basis from previous projects. Revisitation of sites annually is performed, and crews, including AmeriCorp crews, can be deployed to treat areas. Early detection leads to smaller needs for re-treatment. Additionally, the goal of resilience development in ecosystem ecology is to reduce the number of treatments necessary in the future.

Other ENRTF Appropriations Awarded in the Last Six Years

Name	Appropriation	Amount Awarded
Do Beavers Buffer Against Droughts And Floods?	M.L. 2021, First Special Session, Chp. 6, Art. 5, Sec. 2, Subd. 03l	$168,000

Project Manager and Organization Qualifications

Project Manager Name: Haley Smith

Job Title: Wetland Ecologist

Provide description of the project manager's qualifications to manage the proposed project.

Haley Smith has worked as Voyageur National Park's Wetland Restoration Ecologist since May of 2024. She has worked on numerous areas of multi-faceted ecosystem management, employing numerous techniques, such as prescribed fire, native plant development, Integrated Plant Management, and various mechanical techniques. In her time at Voyageurs National Park, prioritized developing strong connections with numerous agencies and land managers. She has produced two workshops on native wetland restoration in her first year. Her work as a restoration specialist and nursery specialist is especially timely, in that we hope to increase native plant production. Her time as a nursery manager will allow for production of quality plants at a low cost from locally sourced or climate adapted materials. She has developed a novel engineered plant product, "plant tiles," we hope to implement here. Her background: One Year at Wetland Restoration Specialist for voyageurs National Park. Ten Years as a Restoration Specialist and Assistant Nursery Manager for the US forest Service. B.S. degree in Forestry. M.S. Degree in Entomology and Plant Pathology.

Organization: National Park Service - Voyageurs National Park

Organization Description:

Voyageurs National Park, located in Northern Minnesota, is a celebrated, ecologically and historically significant park where people can learn, explore, volunteer, and enjoy sustainable recreation, leaving its wild character unimpaired for future generations.

Budget Summary

Category / Name	Subcategory or Type	Description	Purpose	Gen. Ineligible	% Benefits	# FTE	Classified Staff?	$ Amount
Personnel								
Wetland Ecologist		Project Lead Wetland Ecologist			40%	3		$345,349
Wild rice technician - seasonal		Wild rice technician			7.95%	3		$65,965
Botany Field Technician		Biological Science Technician GS 7			7.95%	3		$81,714
Greenhouse technician		Greenhouse monitoring and seed collection			7.95%	3		$28,000
							Sub Total	**$521,028**
Contracts and Services								
Americorp or YCC crew	Service Contract	Seed collection Crew, outplanting crew, site prepartion for outplanting				0.1		$34,000
TBD	Service Contract	Electrician for greenhouse wiring of thermostat and side panel motor control				-		$4,000
TBD	Service Contract	Contract removal of floating catail mats, with disposal on land above high water line. Typical costs per acre have ranged between $8,000-$14,000				-		$100,000
							Sub Total	**$138,000**
Equipment, Tools, and Supplies								
	Equipment	1 x single stage thermostat	greenhouse control of equipment					$127
	Equipment	2 x Side roll up motor, 1 x thermostat, 1x creeper	greenhouse temperature control					$499
	Tools and Supplies	6x fan belts for greenhouse fans	greenhouse fan belts for cooling- rubber and often break in poor weather					$131
	Equipment	1x grommeted shade cloth 50%	greenhouse cooling purposes					$248
	Tools and Supplies	ropes for shade cloth	ropes, anchors for shade cloth					$26
	Equipment	1x motorized shutter kit	fan operation in greenhouse					$133
	Equipment	1 x ceiling brackets for modine heater	ceiling brackets for modine heater					$110

	Equipment	irrigation: 2x 25 ft hoses, 1x 100 ft drip irrigation tubing and fittings, 10x hose repair kits, 5x brass mist heads,3x pattern sprayers	hoses, drip irrigation tubing and fittings. brass mist heads. 9 pattern sprayers					$912
	Tools and Supplies	25 bales: 3.8 cubic ft. bale promix general use growing medium	medium for growing plants					$1,375
	Tools and Supplies	4 x 25 lb bag, Classiscote 15-8-23 ferilizer 4 month time release	fertilizer for greenhouse plants					$442
	Tools and Supplies	5 x buckets 5 x totes 2 x trashcans	general mixing and maintenence in greenhouse					$95
	Equipment	Dura-Bench® 2 ft. x 4 ft. Plastic Benchtop - 5 pack	Dura-Bench® 2 ft. x 4 ft. Plastic Benchtop - 5 pack					$159
	Tools and Supplies	tagging equipment 12x garden marker	tagging equipment 12x garden marker-UV resistant					$37
	Tools and Supplies	2000 vinyl tags - for greenhouse plants	vinyl tags - for greenhouse plants					$116
	Equipment	5 x soaking trays for plant tiles	soaking trays for plant tiles - 4" by 3 feet by 6 ft					$800
	Tools and Supplies	seed collection supplies: bags, trays, coin envelopes, ziplocs, paperbags, burlap bags labels	collcting seed for grow out					$200
	Tools and Supplies	petri dishes, insect forceps, photo backdrop for field, macro-lens for phone	macroinvetebrate collection and id materials					$220
	Tools and Supplies	PVC, ball valves, pipe glue, pvc cutter, risers, brackets	plumbing soaking trays, plumbing other equipment					$400
	Tools and Supplies	20 gallons bleach, 3 liters hydrogen peroxide	greenhouse sanitation					$205
	Tools and Supplies	greenhouse propane	heating greenhouse in shoulder season - 1000 gal x 2					$2,600
	Equipment	1x refrigerator for seed stratification near greenhouse	refrigerator for plant tiles stratification near greenhouse					$649
	Equipment	dehumidifier for seed storage	1x dehumidifier for seed storage					$290
	Tools and Supplies	1 literdessicant with indicator	indicates appropriate seed moisture for seed storage					$40
	Tools and Supplies	Zipset trays 20packs of 5	Specialized Trays for plant tile production					$1,150
	Equipment	polycarbonate twinwall section for greenhouse	polycarbonate twinwall section for greenhouse replacement for cracked item					$240
	Equipment	Greenhouse truss I beam x 2, 6 polycarbonate section replacement, perlins x 2	For increased greenhouse stability under snowloads.					$1,780
	Equipment	Redi-Heat HD Mats - greenhouse heating mats 4 x	For plant propagation					$1,008

	Tools and Supplies	marine fuel	boat fuel to access sites, 1 gallon per day, 60 days per season, 3 years.					$540
	Equipment	4x folding tables, 16x folding chairs	field workshops					$1,200
	Tools and Supplies	1000 lbs locally sourced wild rice seed. Price varies widely annually, this is a high estimate.	Climate appropriate wild rice seed will be purchased from local harvesters over 2-3 seasons					$17,000
							Sub Total	**$32,732**
Capital Expenditures								
							Sub Total	**-**
Acquisitions and Stewardship								
							Sub Total	**-**
Travel In Minnesota								
	Conference Registration Miles/ Meals/ Lodging	1 annual trip for trip for 3 people, registration is typically $135 per person. Gov't per diem is approximately $94.	Rainy Lake of The Woods Watershed Forum- this project will be presented.					$1,260
	Other	5-8 trips for 1-3 people (total of ~24 nights)	Network development: purpose of presenting mission critical workshops and field days, field visits and seed collection					$4,140
							Sub Total	**$5,400**
Travel Outside Minnesota								
	Conference Registration Miles/ Meals/ Lodging	1 - Society of Ecological Restoration. Location TBD, but in U.S. conference, hotel, rental car, flight	Work and findings will be presenting	X				$3,000
							Sub Total	**$3,000**
Printing and Publication								
	Printing	Posters, banners for field days	Mounted Posters for macroinvertebrate bioblitz, seed collection events					$280

	Printing	Citizen science informational sheets	We will have citizen scientists submit rice presence/absence using write-in-the rain sheets they can take with them and return					$60
							Sub Total	**$340**
Other Expenses								
		Direct Support Services	The federal government requires a 10.5% of budget be utilized for direct support services.					$73,500
							Sub Total	**$73,500**
							Grand Total	**$774,000**

Classified Staff or Generally Ineligible Expenses

Category/Name	Subcategory or Type	Description	Justification Ineligible Expense or Classified Staff Request
Travel Outside Minnesota	Conference Registration Miles/Meals/Lodging	1 - Society of Ecological Restoration. Location TBD, but in U.S. conference, hotel, rental car, flight	Society of Ecological Restoration is the preeminent society for restoration work. In order to showcase the results of this project, this conference would be the best choice to do so and is much cost effective than many larger societies.

Non ENRTF Funds

Category	Specific Source	Use	Status	Amount
State				
In-Kind	OHF ML 2023, Ch. 40, Article 1, Section 2, Subd. 4(g), Voyageurs National Park Wetland Restoration Project,	Large scale removal of cattails leading to wetland preparation for this project	Secured	$1,200,000
			State Sub Total	**$1,200,000**
Non-State				
In-Kind	Voyageurs National Park	Boat usage Vehicle usage Intern housing Equipment Capitol equipment	Secured	$395,000
			Non State Sub Total	**$395,000**
			Funds Total	**$1,595,000**

Total Project Cost: $2,369,000

This amount accurately reflects total project cost?

Yes

Acquisition and Restoration

Parcel List

Name	County	Site Significance	Activity	Acres	Miles	Estimated Cost	Type of Landowner	Easement or Title Holder	Status of Work
Ash-32	St. Louis	Wetland- low rice vigor	Restoration	13	0.56	$2,400	Public	National Park service	Has Not Begun
Ash-33	St. Louis	Wetland- Site of previous Invasion. Needs assessment on recovery. outplant if necessarrry.	Restoration	17	0.44	$3,800	Public	National Park Service.	Has Not Begun
BB-1	Koochiching	Wetland- Wild rice habitat	Restoration	46	1.65	$1,000	Public	National Park Service	In Progress
BB-10	Koochiching	Wetland- contains portion of area recently restored, near wild rice populations	Restoration	43	0.66	$16,400	Public	National Park Service	Has Not Begun
BB-13	Koochiching	Emergent wetland in creek. Cattail removal in 2025 planned. Near river mouth, which increases likelihood for non-natives to invade other wetlands.	Restoration	7	0.14	$1,800	Public	National Park service	In Progress
BB-14	Koochiching	Emergent wetland on side of fast moving waters- seed vector to other wetlands.	Restoration	4	0.25	$1,600	Public	National Park Service	Has Not Begun
BB-15	Koochiching	Emergent wetland - eddy near stream	Restoration	4	0	$1,600	Public	National Park Service	Has Not Begun
BB-16	Koochiching	Emergent Wetland on site of fast moving stream- vector of seed to other wetlands/ lakes.	Restoration	4	0.25	$1,600	Public	National Park Service	Has Not Begun
BB-4	Koochiching	Wetland Site - High visibility, has been re-invaded by floating mats and needs native plant barriers to prevent future incursion.	Restoration	3	0.28	$1,400	Public	National Park Service	Has Not Begun
BB-9	Koochiching	Wet prairie bordering water- rare plants observed.	Restoration	24	2.8	$3,600	Public	National Park Service	Has Not Begun
C-21	St. Louis	Wet Prairie, previously treated. Seed collection, species richness. Pair with site to south untreated,	Restoration	18	0.65	$2,100	Public	National Park Service	Has Not Begun
C-22	St. Louis	Emergent wetland - Wild rice assessment and seeding. Good rice habitat.	Restoration	32	0	$3,600	Public	National Park Service	Has Not Begun
C-23	St. Louis	Emergent wetland, rice survey and seeding. Rice present.	Restoration	9	0.3	$1,800	Public	National Park Service	Has Not Begun

D-17	Koochiching	Wet Prairie- Contains some plants needed for collection. Species richness.	Restoration	10	0.65	$1,800	Public	National Park Service	Has Not Begun
D-18	Koochiching	Submergent and emergent wetland	Restoration	17	0	$4,600	Public	National Park Service	Has Not Begun
D-19	Koochiching	Wet Prairie- to be burned in 2025. Should have good seed source of native plants post fire.	Restoration	12	0.42	$1,800	Public	National Park service	Has Not Begun
D-20	Koochiching	Emergent and submergent wetland. Pair with D-20 to assess treatment efficacy.	Restoration	12	0	$2,600	Public	National Park Service	Has Not Begun
K-25	St. Louis	Wet Prairie and emergent wetland - outplanting and seed collection site.	Restoration	25	0.59	$16,200	Public	National Park Service	Has Not Begun
K-26	St. Louis	Emergent Wetland, Wet Prairie. Wild rice Seeding, Native Plants surveys. Macroinvetebrate bio blitz site. Some site prep needed.	Restoration	43	0	$16,000	Public	National Park Service	Has Not Begun
K-27	St. Louis	Wet prairie, emergent wetland. Seed Collection, Outplanting, Richness studies.Near burn site, some cattail treatment expected from OHF dollars	Restoration	40	1.01	$12,000	Public	National Park Service	Has Not Begun
K-28	St. Louis	Wetland- some pollinator plants observed for collection	Restoration	60	0.92	$3,600	Public	National Park Service	
K-29	St. Louis	Emergent Wetland - Outplanting and plant tiles.	Restoration	43	0.22	$14,200	Public	National Park Service	Has Not Begun
K-30	St. Louis	Wetland- Outplanting CONTROL (not treated following cattail removal by OHF dollars)	Conservation Easement	69	1.8	$1,600	Public	National Park Service	Has Not Begun
K-31	St. Louis	Wetland- previously treated. Seed Wild rice seed addition.	Restoration	15	0.53	$6,200	Public	National Park Service	Has Not Begun
RLVC-2	Koochiching	Wetland- site of previous restoration. High visibility to visitors.	Restoration	2	0.17	$1,200	Public	National Park Service	In Progress
RLVC-3	Koochiching	Wet prairie and wetland- Highly Visible to visitors	Restoration	15	-	$3,500	Public	National Park Service	In Progress
RLVC-6	Koochiching	Wetland. Wild rice monitoring, Seed Collection, Richness. Protected bay area. High Visibility. Previous restored with some native rice stands.	Restoration	27	0.45	$2,000	Public	National Park Service	Has Not Begun
RLVC-7	Koochiching	Wetland Area, High visibility to visitors	Restoration	11	0	$3,600	Public	National Park Service	In Progress
RLVC-8	Koochiching	Wetland and forest shoreline. Currently invaded.	Restoration	13	0.8	$2,400	Public	National Park Service	In Progress
Totals				**638**	**15.54**	**$136,000**			

Restoration

1. Provide a statement confirming that all restoration activities completed with these funds will occur on land permanently protected by a conservation easement or public ownership.
All restoration work will be performed on Voyageurs National Park Lands.

2. Summarize the components and expected outcomes of restoration and management plans for the parcels to be restored by your organization, how these plans are kept on file by your organization, and overall strategies for long-term plan implementation.
Expected outcomes: Increased ecosystem services from wetlands, including: increased food source for waterfowl, and fish. Increased soil stabilization and establishment of aquatic plants. Increased pollinator and other plant diversity. Increased climactic resilience of plants communities. Maps of restored sites, digital data, and physical copies of data are preserved at Voyageur's National Park Head Quarters in perpetuity.

3. Describe how restoration efforts will utilize and follow the Board of Soil and Water Resources "Native Vegetation Establishment and Enhancement Guidelines" in order to ensure ecological integrity and pollinator enhancement.
We will follow these guidelines in the following ways: Invasive species removal and site preparation will occur prior to outplanting. We will outplant species as appropriate to the niche site (e.g. wet meadows, shallow marshes, emergent areas, etc.) Selecting the correct plant materials will be prioritized, examining both species as well as seed source. Climate selected seed sources will be establish in advance of collection, and seed from those areas will be collected to plant with a target location in mind. We will outplant at specific times based on water levels.

4. Describe how the long-term maintenance and management needs of the parcel being restored with these funds will be met and financed into the future.
We have long term commitments to maintain these sites and all previous sites. We see this as in-kind management by the park, and will continue this maintenance as a part of our long-term commitment to the mission of the National Park Service: preserve unimpaired the natural and cultural resources and values of the national park system for the enjoyment, education, and inspiration of this and future generations.

5. Describe how consideration will be given to contracting with Conservation Corps of Minnesota for any restoration activities.
We expect to contract to this group for 1-2 weeks of seed collection, 1 -2 weeks of site preparation, 1-2 weeks for out planting of greenhouse prodcued plants.

6. Provide a statement indicating that evaluations will be completed on parcels where activities were implemented both 1) initially after activity completion and 2) three years later as a follow-up. Evaluations should analyze improvements to the parcel and whether goals have been met, identify any problems with the implementation, and identify any findings that can be used to improve implementation of future restoration efforts at the site or elsewhere.
We plan to continue monitoring for benthic macroinvertebrates, plant cover, and species richness on a regular basis following the end of this project.

Attachments

Required Attachments

Map

File: ffb80e3b-ad1.pdf

Alternate Text for Map

Treatment Area Maps featuring wetlands in Black Bay, Rainy Lake, and Kabetogama Lake. Areas are color-coded based on primary (though not always the only) treatment they will receive. Treatments labels are: Coarse woody Debris, macroinvertebrate richness, Outplanting, Seed collection + richness, and Wild Rice....

Supplemental Attachments

Capital Project Questionnaire, Budget Supplements, Support Letter, Photos, Media, Other

Title	File
Indirect cost 10.5% requirement	891cf0a7-99a.pdf
Koochiching County Soil and Water Conservation District Letter of Support	2ba5a5a2-17f.pdf
Capital Project Questionaire	f7b4e49d-d2d.pdf
Letter of Support-Voyageurs Conservancy	f9b86a42-7cd.pdf
Superintendent resolution letter	8cf2d659-58a.pdf
Letter of Support- Park Superintendent	0506b1dc-612.pdf

Administrative Use

Does your project include restoration or acquisition of land rights?

Yes: Restoration,

Do you understand that travel expenses are only approved if they follow the "Commissioner's Plan" promulgated by the Commissioner of Management of Budget or, for University of Minnesota projects, the University of Minnesota plan?

Yes, I understand the Commissioner's Plan applies.

Does your project have potential for royalties, copyrights, patents, sale of products and assets, or revenue generation?

No

Do you understand and acknowledge IP and revenue-return and sharing requirements in 116P.10?

N/A

Do you wish to request reinvestment of any revenues into your project instead of returning revenue to the ENRTF?

N/A

Does your project include original, hypothesis-driven research?

Yes

Does the organization have a fiscal agent for this project?

No

Does your project include the pre-design, design, construction, or renovation of a building, trail, campground, or other fixed capital asset costing $10,000 or more or large-scale stream or wetland restoration?

Yes

Do you propose using an appropriation from the Environment and Natural Resources Trust Fund to conduct a project that provides children's services (as defined in Minnesota Statutes section 299C.61 Subd.7 as "the provision of care, treatment, education, training, instruction, or recreation to children")?

No

Provide the name(s) and organization(s) of additional individuals assisting in the completion of this proposal:

Bob DeGross, Brian Harmon, Voyageurs National Park

Do you understand that a named service contract does not constitute a funder-designated subrecipient or approval of a sole-source contract? In other words, a service contract entity is only approved if it has been selected according to the contracting rules identified in state law and policy for organizations that receive ENRTF funds through direct appropriations, or in the DNR's reimbursement manual for non-state organizations. These rules may include competitive bidding and prevailing wage requirements

Yes, I understand