

Submitted on: **1/31/2014**
Managing Entity: **NDPRD-Multi Site
1600 E. Century Ave
Suite 3
Bismarck, ND 58503**
Contact Information: **Jesse Hanson
1600 E. Century Ave
Suite 3
Bismarck, ND 58503
PHONE : 701-328-5374
Email: jehanson@nd.gov**

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Bismarck, ND 58503
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Email: jehanson@nd.gov**

Trail Project Name: **Ski Trail Groomers Purchase**

Description of Proposed Project:

Specifications, bid and purchase 4 X-Country ski trail groomers to be located at Lake Metigoshe, Turtle River, Graham's Island and Fort Ransom State Parks. All 4 parks have well developed trails and are the only ski trail operations within their respective regions. Existing ski trail groomers are old and obsolete. Purchasing new groomers will enhance the ability to properly maintain the ski trails.

Property Location Information

Urban or Rural Development: **Rural**

Address Line 1: **1600 East Century Avenue**
Address Line 2: **Suite 3**
City: **Bismarck**
County: **Burleigh**
State: **ND**
Zip Code: **58001**
Township: N **0**
Range: W **0**
Township Section:

Length of New Trail: **0.00**

Length of Total Trail if Project is an Extension: **0.00**

General Funding and Property Information

Total Cost: **34,000.00**

Fund Amount: **27,200.00**

Is this Project an Extension to an Existing Trail Project?

Who Holds the Title to the Project Land?

ND Parks and Recreation hold title on all lands. Graham's island has some land which is owned by the US Bureau of Reclamation. NDPRD holds a 50 year lease agreement on those lands.

Estimated Start Date: **8/1/2014**

Estimated End Date: **11/15/2014**

Classification of Land:

State **Federal** **Local** **Private**

Check all of the uses the Project impacts:

Walking/Hiking **Bicycling** **Horseback Riding** **Cross-Country Skiing**

In-line Skating **Snowmobiling** **ATV Riding** **Off-road Motorcycling**

4x4 Trucking Other:

Does the Project fall substantially within a federal highway right-of-way? **No**

Federal Funding Sources

Source Name	Amount
ND Parks and Recreation	\$27,200.00
Recreation Trails Program	\$27,200.00

Local Funding Sources

Source Name	Amount
ND Parks and Recreation	\$6,800.00

RECREATION TRAIL PROJECT GRANT APPLICATION

PROJECT: CROSS COUNTRY SKI TRAIL PURCHASE OF 4 TRAIL GROOMERS

PROJECT SPONSOR: ND PARKS AND RECREATION DEPARTMENT

PROJECT DESCRIPTION:

The North Dakota Parks and Recreation Department seeks RTP grant funds to match Department funds for the purpose of purchasing 4 cross country ski trail groomers. The groomers will be placed in 4 separate ND state parks; Lake Metigoshe, Turtle River, Graham's Island and Fort Ransom State Parks. Currently, Fort Ransom SP has 9 miles of ski trails, Lake Metigoshe has 8.5 miles, Turtle River has 4.5 miles and Graham's Island has 3.5 miles. Graham's Island would expand the ski trail system by nearly double if better grooming equipment was available. Ski trail grooming equipment currently used at Lake Metigoshe and Turtle River State Parks is over 30 years old and both are in poor condition. Fort Ransom State Park's existing groomer is 35 years old and obsolete. The existing trail groomer at Graham's Island is homemade and can set tracks but, doesn't "groom" trails.

Lake Metigoshe and Turtle River will be receiving groomers which can "double track" ski trails. Fort Ransom and Graham's Island will be receiving groomers which can groom a single track trail due to narrow bridges or trail corridors which are more conducive to a single trail system versus side X side double tracked trails.

Total project costs are estimated at \$34,000. The two double track groomers with electric accessories are estimated at \$9,500 each (\$19,000 total). The two single track groomers are estimated at \$7,500 each (\$15,000 total). Copies of specifications and current estimates are included with this grant request. These estimates are for winter 2013-14 models. A price increase would be expected to be experienced for the 2014-15 models by the date of the grant approval. Attached with this application is a purchase estimate for a double track groomer which is sent to provide the reviewer insight into how the estimates were developed.

Healthy lifestyles are a critical component of outdoor recreation in the state of ND. Cross Country skiing is considered one of the most complete type of physical exercise a person can undertake. Considering the lack of outdoor activities available which include physical exertion, cross country skiing is vital to recreational activities and promotion of healthy lifestyles.

The 2013-2017 ND State Comprehensive Outdoor Recreation Plan ranks non-motorized trails as the overall primary need statewide and is the primary need of 3 of the 4 regions where the proposed trail groomers would be placed. Graham's Island SP, in region 3 has non-motorized trail opportunities as the 3rd priority region wide. The addition of new groomers in these state parks which incorporate contemporary grooming technology will enhance ski trail conditions in these state parks further adding to the use and enjoyment by outdoor recreation enthusiasts.

End of project description

RECREATION TRAIL PROJECT GRANT APPLICATION

PROJECT: CROSS COUNTRY SKI TRAIL PURCHASE OF 4 TRAIL GROOMERS

PROJECT SPONSOR: ND PARKS AND RECREATION DEPARTMENT

PROJECT DESCRIPTION AND GENERAL REQUIREMENT AREA:

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Letter of support is attached.

End of project description and requirement areas.

Cross-Country Ski Groomer Specifications

Turtle River State Park

Cross-Country Ski Trail Groomer – COMPLETE – to include: Tracksetter, Track Renovator, Wiring Kit, Depth Control System, Gooseneck Hitch, & Wheel Kit

PREFERRED / EXAMPLE: Tidd-Tech G2-7 – COMPLETE TO INCLUDE - (2) G2 Tracksetters; (1) 3-Circuit Wiring Kit (\$750); (1) Track Renovator (\$295); (1) Wheel Kit (\$350); (1) Depth Control System (\$195);

Tidd-Tech G2-7 or equivalent (\$4,595.00)

- Trip springs on tooth bar / cutting knives with adjustable tension and safety release features
- Minimum cutting (renovation) width of 68" – 80" preferred
- Adjustable comb width of 84" to 108" (will require comb 'flaps' that can be locked up out of the way, or deployed, based on need) Entire unit must be capable of clearing trail obstructions of no more than 84"
- All steel parts to be powder coated for durability
- Frame capable of at least 200 lbs of added weight
- Standard loop hitch pintel connection with at least 12" of hitch height adjustment
- Minimum 1/4" thick, UV protected, UHMW free-floating compaction bed, fixed at a 20 degree angle (to pack smoothly, glide nicely, and prevent snow/ice from sticking)
- Easily replaceable (bolted) rolling skid disks, with bearings, on each side of groomer frame (to keep groomer in place on sidehills & allow at least minimal transport for short distances, without wheels)
- Replaceable dual-flex comb – at rate of 14 ribs per foot - across the entire frame width of the groomer; WITH attached adjustable flaps outside the frame width that are capable of being pinned up out of the way, or deployed to allow combing at minimum of 84" and/or up to 108"
- (6) 1/4" thick, 12" wide, 6" tall urethane paddle snow transfer blades, mounted in an adjustable fashion, so as to allow 'harvesting' of snow from outside or beyond the groomer frame.
- Main structural components constructed of minimum 2" x 11 gauge square tube steel
- Frame must include mounting bracket for optional wiring kit

(2) G2 TrackSetters, or equivalent (\$1,350.00/ea)

- Electrically switched / actuated raise and lower capabilities (to allow groomer operator to lay track, or not, from the towing vehicle)
- Down pressure adjustable up to at least 200 lbs (to lay acceptable tracks in different snow conditions)
- Tracksetter base formed from at least 1/4" thick UHMW (to prevent icing / snow sticking that would affect tracksetting adversely)
- Powder coated painted surfaces
- Gas filled, electrically controlled, up/down actuators
- Minimum 1-1/2" thick UHMW Track molds

G2 Wheel Kit, or equivalent (\$350.00)

- Set of two 10" no flat tires / wheels for transport, with permanent mountings in place, appropriately, for easy on / easy off access and use
- Must raise the back of the groomer enough to get all snow comb, compactor surface, & knives off a hard surface
- Wheels must attach to the frame easily, and in a manner to allow electrical actuator to raise all groomer equipment off a hard surface roadway for transport
- Provision for wheels to be carried on the groomer frame, for easy access and use

G2 Track Renovator (\$295.00)

- Must easily attach to the frames knife bar, with teeth extending at least 1-1/2" below the knife bar – to provide opportunity for deeper renovation and removal of classic tracks only, without affecting the rest of the grooming surface

3-Circuit Wiring Kit, or equivalent (\$750.00)

- Two wire, 12 volt, 25 amp per circuit minimum wiring system for up to (3) electrical actuators (two tracksetters & cutting knives / renovator bed)

Depth Control System, or equivalent (\$195.00)

- Made of 1-1/2" diam. x .109 powder coated steel. The DCS must be adjustable in height and pivot to allow attachment of other accessories like the Wheel Kit and Track Renovators.

TOTAL = \$8,885.00



Sheyenne River Valley National Scenic Byway
Rosebud Visitor Center
250 West Main, Street Suite 1
Valley City, ND 58072
www.hellovalley.com

January 27, 2014

RTP Grant Committee Members

To the Committee;

The Sheyenne River Valley National Scenic Byway respectfully requests and appreciates your sincere consideration for approval of the RTP grant request to purchase cross country ski groomers for four state parks particularly a Tidd Tech G2-4 ski trail groomer for Fort Ransom State Park. This groomer would replace a 1982 model which would allow Park staff to make a better groom on the trails in a greater variety of snow/ice conditions.

Improved cross country ski trails are important to the Sheyenne River Valley National Scenic Byway and particularly Fort Ransom State Park as a Byway Partner as it would allow even more growth in recreation in the Sheyenne River Valley.

The Sheyenne River Valley Scenic Byway has made large investments in the communities within the byway corridor and year round activities provide opportunity for visitors and residents alike to enjoy the valley and provide for regional economic development.

Fort Ransom State Park has been "discovered" and needs to grow to accommodate the visitors that want to explore and experience the winter beauty of the Sheyenne River Valley.

Thank you for considering this equipment grant to improve amenities along the Sheyenne River Valley National Scenic Byway.

Sincerely,

A handwritten signature in black ink that reads "Bobby Koepplein". The signature is written in a cursive style and is positioned above a light gray rectangular box.

Bobby Koepplein, Chairperson
Sheyenne River Valley National Scenic Byway Committee



North Dakota Parks & Recreation
1600 E. Century Ave, Suite 3
Bismarck, ND 58503-0649

January 16, 2014

To Whom It May Concern,

I am writing this letter to show my support for Graham's Island State Park and their grant application to purchase the equipment needed to groom cross country trails in the park. Currently they have a system that was hand-made. More and more people in our community are getting out into the outdoors during the winter and cross country skiing has become popular. Graham's Island State Park currently has the only trail system in our area that is open to the public.

If they were able to purchase this equipment, the park would also be able to expand the 3.5 mile cross country trail system, giving skiers more areas of the park to take advantage of.

Please consider Graham's Island State Park for their grant application. It is a much needed investment in our community. Please let me know if you have any other questions or concerns. You can reach me at 1-800-233-8048 or my email address is suzie@devilslakend.com.

Sincerely,

A handwritten signature in black ink that reads "Suzie Kenner". The signature is written in a cursive, flowing style.

Suzie Kenner
Executive Director, Devils Lake CVB



Phone: 701-772-5567
Fax: 701-795-1712

1711 S. WASHINGTON
GRAND FORKS, ND 58201

skibikes@midconetwork.com
www.skiandbikeshop.com

Recreation Trails Program Advisory Committee

ND Parks & Recreation Department

1600E. Century Ave, Suite 3

Bismark, ND 58503-0649

I understand Turtle River State Park has submitted a Recreation Trails Program grant for some improvements including a trail mower to help maintain summer trails, and new cross-country ski trail grooming equipment for winter trails. We are very much in support of any trail improvements at Turtle River State Park and feel these requests are reasonable and would be a good investment of RTP funds in North Dakota.

We at the Ski and Bike Shop consider ourselves good partners of the park and have sponsored a number of events and workshops at the park over the years! We are always looking for more machine built trails, and this (RTP) is about the only way we will be able to fund them. Furthermore, we also strongly feel a paved multi-purpose trail, connecting to other trail heads and providing opportunities for people in wheelchairs, strollers, and walkers, would be a real asset.

Your consideration for these requests is not only appreciated by us or Turtle River State Park, but the biking and skiing community as a whole.

Sincerely,

Terry Knudson

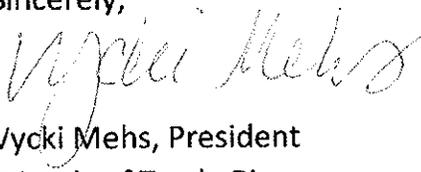
Recreation Trails Program Advisory Committee
C/O Jesse Hanson or Matthew Gardner
ND Parks & Recreation Department
1600 E. Century Avenue, Suite 3
Bismarck, ND 58503-0649

I am writing to indicate the support of the Friends of Turtle River organization for the XC-Ski grooming equipment funds being requested as part of an RTP application, by Turtle River State Park. The staff has indicated to us that they are attempting to replace both the towing vehicle and groomer equipment in favor of new equipment that would provide more flexibility and opportunities with regards to winter trails. While we appreciate that the Department is adding new hiking & biking trails to TRSP, we would certainly love to see more opportunities for winter trails as well.

The Park Manager also mentioned the Department is also looking at some additional trail work, in the near future, to widen and connect some segments of existing trails to others; and were also looking to purchase an ATV mower to help maintain these existing and new trails. We would certainly support those requests, as well.

We are excited about the opportunities for more and better trails at Turtle River State Park, but also for more and better equipment that will increase the useability of these trails, for all! Please strongly consider funding the Turtle River request, in full.

Sincerely,



Vycki Mehs, President
Friends of Turtle River

10575 Sjule Rd

Bottineau, ND 58318

January 29, 2014

To whom it may concern:

This letter is to express our support of the cross-country ski trails at Lake Metigoshe State Park.

Our family has always had a great love for the outdoors, especially winter sports, including cross-country skiing.

Lake Metigoshe State Park has always done an excellent job of grooming their trails, and we enjoy these trails.

It is nice that we only have to drive a few miles from our home to enjoy the park, there are not many groomed cross-country ski trails in this area.

Thank you for providing a new groomer for Lake Metigoshe State Park. This will ensure great groomed trails for the future, and provide a healthy winter sport for our family, this community, and future generations.

Tim and Patti Brosseau