



Spirit Mountain Recreation Area Authority

Request for Bid
Date 6/15/25
Return by 7/9/25

Spirit Mountain Recreation Area Authority (SMRAA)
9500 Spirit Mountain Place
Duluth, MN 55810
Buyer: Ryan Abel
Phone: 218-269-7351
Fax: 218-624-0213

Hydrostatic Drive Snow Grooming Tractor

Bid Opening Date:

Note: All bids must be signed and returned in duplicate in an envelope labeled "Grooming Tractor Bid" with all required literature. For a copy of the bid results, enclose a self-addressed, stamped envelope with your bid. Spirit Mountain Recreation Area Authority (SMRAA) reserves the right to split awards where there are substantial savings to SMRAA, waive informalities, and reject any bids.

A low bid will not be the only consideration for the award of the bid.

Sale tax is not to be included in the unit price.

Bid is to be F.O.B. Duluth, MN.

All pages of the Request for Bid form must be initialed at the bottom of the page by the Bidder's authorized representative.

Bidder Information

Name: _____

Address: _____

By: _____ - _____
(Print) (Title)

(Signature) (Phone #)

(1) 1 Each Hydrostatic Drive Alpine Snow Grooming Tractor Equipped with the Attached Minimum Specifications

Unit Price \$ _____

(2) Used PB 400 Park Trade-in Value

Unit Price \$ _____

Net Bid Price \$ _____

Information for Bidders and Special Terms and Conditions

SMRAA reserves the right to accept or reject all bids or option bids.

Bidder shall list any deviations from bid specifications (additions or deletions to requested equipment).

SMRAA reserves the right to cancel any agreements resulting from this bid for non-performance or failure of the SMRAA Board to approve sufficient funding as set forth below.

At the time of the bid opening, each bidder will be presumed to have read and be thoroughly familiar with the Bid Document (including all addenda) and to understand SMRAA's needs about the Grooming Equipment required for maintaining the recreational facility.

The successful Bidder shall be required to respond to all "Unit Down" Service requests within 4 hours of notification for those items covered under warranty. All warranty repairs must be completed in a timely manner.

Failure of the Bidder to complete the above duties shall in no way relieve the Bidder from any obligation in respect to their bid.

All questions regarding bid specifications should be directed to Mark Hoffman, director of mountain operations and maintenance, via email or phone using the address and numbers listed on page 12 of the bid document. Inquiries must be received at least three working days prior to the bid opening date.

General

These specifications intend to be described in sufficient detail to secure bids for 1 Hydrostatic Drive Alpine Snow Grooming Tractor. The Grooming Tractor must be the manufacturer's Current Design and must meet or exceed all specifications. The Tractor must be the manufacturer's model designed explicitly for terrain park construction and maintenance. The proposed Tractor may be either a new or a low-hour, prior-year Demonstrator vehicle. In the case of a Demonstrator, the Tractor's accumulated operating hours must not exceed 1,000, and the unit must be refurbished to repair any damage that it may have incurred as a demonstrator.

The Tractor must include a 12-way Blade and Flexible Power Tiller. The tractor must have Stick-type Electronic Digital Steering Controls. The Tractor must have an Electronic Engine Management System. The Tractor must be equipped with a Quick Attach Blade Mounting Mechanism to allow the operator to switch between front-mounted implements easily. All parts not explicitly mentioned that are necessary to provide a complete, standard-equipped Grooming Tractor must be included in the bid and supplied with the Tractor and must conform in strength, quality of material, and workmanship to what is typically provided by the industry in general.

Any proposal not conforming to these specifications as outlined in this invitation to bid will be rejected. The bidder must conform to the requirements of the bid unless deviations have been cited in the bid and acceptance by SMRAA made on that basis.

Any additions, deletions, or variations from the following specifications must be stated, and the reason for variations and deviations must be noted. These specifications shall be construed as a minimum. Specifications require that the bidder furnish descriptive literature, complete specifications, warranty information, and any other pertinent data on the equipment that they propose to provide.

Failure to complete all information on the questionnaire and bid request form may be cause for rejection of the bid.

All bids are subject to SMRAA Board approval.

As part of this bid, it will be necessary for the successful bidder to take in trade a 2018 PB 400 Park currently in SMRAA's possession. The details for that equipment can be found at the end of this Bid Document. This equipment is available for inspection by contacting Mark Hoffman, director of mountain operations and maintenance, as detailed on page 12.

Durability

The vehicle must be designed to achieve a five-year operating life of 6,000 hours without requiring a significant overhaul.

Parts and Service

Because maintaining this equipment in good operating condition without protracted downtime for repairs is essential, any repair parts must be available for delivery during regular business hours, and after-hours emergency parts and service must be available during the winter ski season. (November-May)

State the location of the bidder's parts and service facility:

	For Parts	For Service
Name:	_____	

Address: _____

Telephone: _____

For emergency after-hours

	For Parts	For Service
Name:	_____	

Address: _____

Telephone: _____

Attach a list of additional parts/service facilities, if any.

Delivery

The Grooming Tractor is to be bid F.O.B. destination at 9500 Spirit Mountain Place, Duluth, MN. The equipment must be delivered in first-class operating condition, with acceptance subject to inspection and approval by SMRAA personnel. The equipment

cited in this bid, in its entirety, must be delivered no later than October 15, 2025.

Bid Specifications

<u>Item</u>	<u>Minimum Specification</u>
<u>Manufacturer</u>	_____
<u>Proposed Delivery Date</u>	_____
<u>Model</u> (indicate model no.)	_____
<u>Model Year</u>	_____
<u>Hours</u>	_____
<u>Engine</u>	
Water-cooled diesel - State manufacturer and Configuration - Required	_____
Standard Warranty Period - State	_____
Extended Warranty – State Term and Cost	_____
Warranty provider – State	_____
Warranty deductible amount - State	_____
Minimum net 420 H.P. - Required	_____
Maximum Ft/Lbs – State Torque @ RPM Electronic engine management system – Required	_____ _____
Fuel consumption - State	_____

Engine block heater -
Required

Engine diagnostic tool -
Required

Main Drive System

Warranty - Minimum 2
years full warranty
- Required

Warranty provider – State

Hydrostatic pumps - State
manufacture, series

Hydrostatic drive pumps -
State displacement

Hydrostatic drive motors
- State manufacture,
series

Hydrostatic drive motors -
State displacement
Electronic digital steering
system - Required

Splitter box - State
manufacture, series

Torque hubs - State
manufacture, series

Low hydrostatic oil
warning –Required

System test ports -
Required

Tiller Drive System

Warranty - Minimum 2
years full warranty
- Required

Warranty provider – State

Hydrostatic pump - State
manufacture, series

Hydrostatic motors - State
manufacture, series, size

Hydrostatic pump - State
displacement

System test ports-
Required

Auxiliary Hydraulic System

Warranty - Minimum 2 years
– Required

Warranty provider – State

Hydraulic pump - State
manufacture, series, size

Hydraulic pump - State
type and displacement

System Pressure and flow
- State PSI and GPM

Pilot-operated blade control
- Required

System test ports -
Required

Front Plumbing for auxiliary
attachments
-Required

Vehicle

- Warranty - minimum 1
year entire vehicle
- Required

Warranty provider – State

Operating weight – State

Power to weight
ratio – State

Maximum width - State

Maximum operating speed
13 MPH – Required

Armrest mounted, stick type,
steering controls
- Required

Drive safety interlock
system. Disengage drive when
open door or when steering
side armrest is raised
- Required

Full instrumentation and
warning systems for major
systems - Required

Heated front wipers
- Required

ROPS - Required

Cab construction – State

Cab suspension – State

Frame warranty - 2 Years
Required

Rear lift frame up/down
pressure gauge – Required

Fuel tank, size and
construction – State

Hydraulic cab and deck lift -
Required

Front blade-frame
float function - Required

High raise, articulating
rear lift frame w/ auto
center & manual steering
side to side - Required

Rear lift frame
angle of lift - State

Rear lift frame
angle of drop - State

Electrical System

12 or 24 volt – State

Heavy duty alternator
- Required

Battery – number & size
- State

Electric heating in front,
rear, & both side
windows - Required

AM/FM Stereo w/ Bluetooth,
USB and audio connections
- Required

LED lighting front
and rear - Required

LED spotlight -
Required

Warning beacon -
Required

Horn -
Required

Backup alarm -
Required

Suspension

Warranty - minimum 1
year - Required

Independent torsion arm
suspension w/ adjustable
height rear axles - Required

Front tires -
solid rubber- Required

Intermediate tires –
solid rubber - Required

Tracks

Warranty - minimum 1 year,
2 years on cross-links -
Required

Asymmetrical style w/
Aluminum cross-links
with steel edges
- Required

50% Ice picks minimum -
Required

Blade

Warranty - State

Maximum width closed -
State

Capacity - State

12 Way - Required

Back blading teeth – Required

Blade Range of Motion

Horizontal - State

Vertical - State

Tilt - State

Curl - State

Tiller

Warranty - minimum 1 year
-Required

2-section flex tiller w/ 2
individual cutting bars
- Required

Hydraulically operated
tiller flex lock
– Required

Dual tiller drive motors -
Required

Short urethane tiller
finisher w/ quick change
system – Required

Variable snow chamber

flap - Required

Maximum overall width 220" –
Required

Teeth & Tooth Length
- State

Miscellaneous

Blade quick attach mechanism
- Required

1 set track jacks - Required

All special tools required
to perform normal maintenance
- Required

Fire extinguisher
- Required

Parts manuals - 1 hard
copy, 1 disc - Required

Service manuals - 1 hard
copy, 1 disc - Required

Operator's manuals - 1 hard
copy, 1 disc - Required

List all proprietary
enhancements included on
this vehicle

If further information is needed, please contact:

Mark Hoffman
Director of Mountain Operations and Maintenance
Spirit Mountain Recreation Area
9500 Spirit Mountain Place
Duluth, MN 55810
Phone: 218-213-6581
Email: mhoffman@spiritmt.com

Trade-in Grooming Equipment

20018 Pisten Bully 400 Park, VIN: WKU5824CQJL012025, approximately 8050 hours, Cummins engine (IN NEED OF A REBUILD), stick type steering, standard 12-way blade, high lift rear lift frame, quick disconnect blade mount, blade float, multi-flex tiller, up/down pressure, asymmetrical aluminum tracks w/ 50% ice picks, solid tires,