



June 16, 2015

Bidder:

The City of Traverse City will receive sealed bids in the Office of the City Manager, Second floor, Governmental Center, 400 Boardman Avenue, Traverse City, Michigan, 49684, until **Monday, June 29, 2015 at 2:00 PM** for the following:

One (1) Kassbohrer Pisten Bully, PB-100 Nordic – 3.1M, Snow Cat or Approved equal.
(specifications attached)

If the specifications are obtained from the City's new updated website link at: http://www.traversecitymi.gov/bids_and_rfps.asp, it is the sole responsibility of the Bidder to check the website for updates and addenda prior to the bid being submitted. Bidder may also sign up to receive notifications when bids and RFPs are posted by sending an e-mail requesting same to jdalton@traversecitymi.gov

The City of Traverse City reserves the right to accept or reject any or all bids, waive irregularities, and to accept the bids either on an entire or individual basis that is in the best interest of the City.

The City accepts no responsibility for any expense incurred by the Bidder in the preparation and presentation of a bid. Such expenses shall be borne exclusively by the Bidder.

Only the successful Bidder will be notified. If you so desire, you may call for results.

You must indicate on the outside of the sealed envelope that the bid is for the **“Small Snow Groomer.”**

You must submit **TWO (2) SEALED COPIES** of the bid to the City Manager's Office prior to the above-indicated time and date or the bid will not be accepted. Telefaxed or E-Mail bids will not be accepted.

Please note that if you have previously submitted an informal quote, you will still need to submit a sealed bid prior to the date and time specified above in order to be considered. Please ensure that all requirements listed in the specifications are met.

If you have any questions, please contact Dave Courtad, Garage Superintendent, at (231) 922-4900, ext. 111 before the bid is submitted.

PLEASE SUBMIT BID TO: Julie Dalton, Purchasing Agent
400 Boardman Avenue, 2nd floor
Traverse City, MI 49684

SPECIFICATION: One (1) Kassbohrer Pisten Bully, PB-100 Nordic – 3.1M, Snow Cat or Approved equal.

MINIMUM REQUIREMENTS: The attached detailed specification shall be construed as minimum. Should manufacturer's current published data or specifications exceed these, such standards shall be considered minimum and furnished. All integral parts not specifically mentioned in the scope of these specifications which are necessary to provide a complete working unit shall be furnished.

SILENCE OF SPECIFICATIONS: The apparent silence of this specification and any supplemental specification as to any details or the omission from it of a detailed description concerning any point shall be regarded as meaning that only the best commercial practices are to prevail and that only material of first quality and correct type, size, and design are to be used. All workmanship is to be first quality. All interpretations of this specification shall be made upon the basis of this statement.

COMPLIANCE: Bidder must complete and return the enclosed bid forms, including bid sheet. Enter "**COMPLY**" in the "**BIDDER PROPOSES TO FURNISH**" column if your equipment meets or exceeds the requested specification. If your equipment does not comply with the requested specification then enter "EXCEPTION" or other information which may pertain. All exceptions must be fully explained in the "bidder proposes to furnish" column or on another sheet of paper. If nothing is written in the column then the City will assume that the bidder will precisely and exactly meet the specifications requested.

THE CITY OF TRAVERSE CITY RESERVES THE RIGHT TO ACCEPT OR REJECT ANY OR ALL BIDS, WAIVE IRREGULARITIES, AND TO ACCEPT THE BIDS EITHER ON AN ENTIRE OR INDIVIDUAL BASIS THAT ARE IN THE BEST INTEREST OF THE CITY OF TRAVERSE CITY.

IN ANY CIRCUMSTANCE DURING OR PRIOR TO DELIVERY OF THE VEHICLE/ EQUIPMENT, WHEREUPON THE CITY OF TRAVERSE CITY (CUSTOMER) BECOMES ELIGIBLE TO RECEIVE A REBATE FOR ANY VEHICLE PURCHASED UNDER THIS BID, IT SHALL BE THE SUCCESSFUL BIDDERS RESPONSIBILITY TO INFORM DAVE COURTAID GARAGE SUPERINTENDENT, OF ITS QUALIFICATION FOR SUCH REBATE AND TO ADVISE THE PROCEDURES FOR OBTAINING SUCH REBATES.

It is the intent of these specifications to describe a Snow Cat Snow Groomer. There are numerous makes and models of equipment available that will meet or closely meet these criteria. If the specifications requested do not exactly coincide with your equipment you may take exception and bid your equipment. All exceptions must be noted and fully explained on a separate sheet of paper.

IF YOU HAVE ANY QUESTIONS PLEASE CONTACT MR. DAVE COURTAID, AT 231-922-4900, EXT. 111, BEFORE THE BID IS SUBMITTED

The following is a minimum specification intended to provide for one (1) New Snow Grooming machine. This is NOT a brand name specification. When using the brand name it shall be construed solely for the purpose of indicating the standards of quality, performance use and size of our desired piece of equipment. All vendors are encouraged to submit bids for their equipment provide it is of same or better quality and performance please list the Year, Manufacturer, and Model in the provided area of the bid, and provide descriptive literature with your bid.

Manufacturer, Model and year of proposed Groomer Tractor: _____

**BIDDER PROPOSES
TO FURNISH**

Engine:

Mercedes-Benz OM 924 LA; TIER 3, four cylinder inline diesel Engine with turbo charger, charge air intercooling, and electronically Controlled pump-nozzle injection.

4820 cc (292 cubic inch) 197 HP, Diesel Engine. Maximum torque of 705 Nm at 1,200 to 1,600 RPM.

Pressurized Lubrication system with Canister Filter; Open breathing Crankcase Ventilation.

Heavy duty centrifugal air cleaner with replaceable paper changeable Element and status meter.

Canister fuel filter with pre-filter.

USFS approved spark arrester muffler, residential rated preferred.

40 Gallon Diesel fuel tank.

24 volt electrical system. 100 amp/28 volt Alternator, 2x12volt 92 Ah High capacity cranking batteries. (760 Amp.) .

Cold Start assist: Intake Grid Heater.

Coolant pre-heater 110 V / 1,000 Watt.

Electrically controlled feed pressure reduction on engine start-up to Provide for optimal cold-start performance.

**BIDDER PROPOSES
TO FURNISH**

Key-type starter switch and Engine shutdown with 2 keys.

Driveline:

Constant output in-line Infinitely variable hydrostatic drive which can be changed under load, 40GPM @ 2800 RPM.

Diesel engine drives constant output hydraulic motors via two large Variable displacement pumps (with integrated pressure cut off) flanged To the transfer case. Power is transmitted to the sprocket and thus to the tracks via a planetary gear set with integrated multi-disk brakes.

Travel pumps: Bosch Rexroth A4VG7 or approved equal.

Travel Motors: Bosch Rexroth A2FM63 or approved equal.

Kassbohrer-Moog travel load limitation electronics shall control the interaction of the diesel engine and the hydraulics. Output and travel speeds are to be continuously variable.

Contra-rotation of the tracks and turning on the spot shall be possible.

Cooling of engine, charge air and hydraulic oil via triple radiator system.

Radiator clutch fan-engine driven, thermostatically controlled, three step Magnetic coupler.

Auxiliary Hydraulics:

Bosch Rexroth A4VG56 variable displacement pump with integrated Automatic pressure cut off powers the Rexroth 2FM90 tiller motor, Or approved equals.

The electronic controlled tiller shaft shall have a speed of up to 1,600 rpm.

All high wear hydraulic hoses to be protected by tubular protection Sleeves.

Brakes:

Two (2) maintenance –free multi-disk brakes integrated in the driving wheels serve as a parking brake and as an emergency brake.

**BIDDER PROPOSES
TO FURNISH**

Hydrostatic driveline shall enable vehicle deceleration without wear
On multi-disc brakes.

Multi-disc brakes shall serve as an immobilizer when either the loading
Platform or when the drivers cab is raised.

A gear-type hydraulic pump shall serve to keep the multi-disk brakes
Released during travel. The snow cat shall also be moveable without
Engine power by means of a hydraulic manual emergency over-ride
release device.

Chassis:

Finite-element-method frame/chassis construction to be made of
high-grain steel and shall be extremely resistant to cold temperatures
and afford good weldability characteristics.

Frame is to be conceived for the direct connection of front and rear
Attachments, with a high load capacity to also allow a suitable front
Tiller and or rear tiller to be attached.

The center frame shall not have an auxiliary chassis frame, to lessen the
Possibility of lower snow build-up on the frame.

The wheel bearings are to have weld-on support bearing plates.

The driving axle and the four (4) supporting axles are to be rubber
Suspension. Five (5) axles total.

The front axle is to be hydraulically adjustable and shall have foam-filled
Rubber tires.

The supporting axles shall have air-filled tires, with disc style wheels.

Demountable supporting frame shall house the batteries, compensating
Tank for coolant, tank filler neck and muffler.

Open loading platform, standard size 64” long x 74” wide with
Attachable tubular hoop construction side and back rails as a gallery
For the attachments of loads.

**BIDDER PROPOSES
TO FURNISH**

Easily accessible hand pump to tilt open loading platform hydraulically (to the rear) for maintenance and inspection access.

Mudguards to be made of cold resistant, flexible, heat-formed plastic Laminate

Tracks:

3.1 Meter combined Kombi aluminum tracks are to be of a closed design And shall be equipped with edge protected, synthetic-reinforced, UV Resistant rubber belts and cast steel lacings. The mounting holes in the Rubber belts are to be fitted with spacer bushings and shall be bolted Through the spacer bushings to the track cleats. The two track ends are to Be connected to one another via overlapping track joints.

Rear Attachment Carrier:

Shall be a one man quick mount system that positions the tiller Horizontally as required, moves it into a float position or centers it in the Middle. In the vertical direction, the tiller can also be positioned as Necessary, in the contour-guides float position or with the load removed.

The down and discharge pressure of the rear hydraulics shall be Adjustable continuously by a potentiometer. The rear attachment carrier Shall be raised automatically when the vehicle is reversing.

Front Attachment Carrier:

Shall have a one-man quick-mount system and the front hydraulics shall Feature a large lifting ram with electric proportional control.

Cab:

Two (2) seat drivers cab with deep curved windshield, large rear window And larges doors to provide a good view of attachments front and rear and The work area surroundings. The cab is to be engineered for safety with a Steel frame and shall comply with the safety requirements of ROPS Certification in accordance with DIN 30770, ON 9850.

Cab is to be mounted via flexible hydro mounts at the front and sealed Rubber cone mounts at the rear to provide spring travel with shock absorption at the stop positions on both sides to provide a comfortable ride. Cab shall be tilted hydraulically.

**BIDDER PROPOSES
TO FURNISH**

Electronically heated: Large front windshield, large rear window, left-Hand double sliding window, the front section of the right hand sliding window and the two (2) outside mirrors are to all be electrically heated.

Brush guards to protect windscreen and headlamps from contact.

Two stage parallel wiper system at the front (programmable); and a Double wiper at the rear with an intermittent setting.

Wide angle rear-view mirror shall take in the entire vehicle rear width.

Provide and install radio/CD player and speakers, include Blue tooth and MP3 and state in bid if available.

Cab heater-blower with three settings for the interior, the foot well and For the defrosting the windshield and the side windows. The combined Heating and fresh air ventilation control shall have a, air extractor vent That shall be integrated in the interior lining.

Multi-way push button adjustable, swing action air suspension driver's seat, Swing armrests. Straight forward length adjustable passenger's seat.

Tilting sunroof for ventilation.

Height adjustable semicircular steering wheel with integrated control Switches.

Single hand joystick to control the 12-way front hydraulics from inside the cab.

Switches and control instruments to be arranged by "function" group. Multifunction displays for calling up different information at a glance.

Tiller depth gauge with up and down pressure measured through a Continuously variable potentiometer.

Lockable cab doors with keys.

Provide: Fire extinguisher, First Aid box, Tool set, two track tensioners And vehicle documentation.

**BIDDER PROPOSES
TO FURNISH**

Lighting:

All lighting to be 24 Volts. _____

Two (2) turn/tail light assemblies mounted on the rear wall of the cab. _____

Two (2) Xenon front headlamps. _____

Four (4) halogen front lights to provide good illumination of the terrain Ahead and to be integrated in the roof area of the drivers cab. _____

Two (2) halogen rear spotlights to provide good illumination of the Terrain behind and to be integrated in the roof area of the drivers cab. _____

Instrument and interior lighting with door light switch. All interior Instrumentation switches and controls to be illuminated. _____

Two (2) rotating beacons side-mounted at the rear of the cab. _____

“Supertone” operators controlled warning horn. _____

Backup/reversing safety alarm. _____

Weather tight electrical wiring and connections, protected by loom or Conduit and circuit breaker. _____

Reflectorized sealed lights to be rubber mounted to protect from shock. _____

Front Attachment:

3.2 – Meter; 12-way clearing blade front mounted attachment. _____

Rear Attachment:

3.1 – Meter Track-Setting power tiller – rear mounted attachment. _____

Dual Track-Setters. Independent with multiple position options. _____

Quick change tiller attachment system (excluding tiller); hydraulic Adjustment for the two track setters are to be controlled from the cab. _____

**BIDDER PROPOSES
TO FURNISH**

Dimensions:

O.A.L. 350.1", O.A.W. of 140.6", O.A.H. of 98.4" _____

Gross weight less/attachments of 8,907 lbs. Permissible gross weight
With attachments of 13,669 lbs. _____

Ground clearance 12.6". _____

Top transport speed of 16 mph. _____

0.94 psi specific ground pressure with combined Kombi aluminum tracks. _____

Color to be of manufacturers standard color vehicle paint. _____

Successful vendor shall provide training/instruction in operation and
Daily and periodical maintenance requirements. _____

Vehicle shall meet all necessary O.S.H.A., A.N.S.I. and D.O.T.
Requirements and have all necessary caution warnings as required. _____

Two (2) each of the following manuals Parts, Service, Operators. May be
Disc (preferred) other than (1) one operators manual in vehicle. _____

Enclose specific detailed warranty information provided on vehicle
Complete unit, powertrain, and hydraulics including who the provider is
in the local area. _____

BID SUMMARY

TITLE: One (1) Kassbohrer Pisten Bully, PB-100 Nordic – 3.1M, Snow Cat or Approved equal

DUE DATE: Monday, June 29, 2015 at 2:00 PM

Having carefully examined the specifications and any other applicable information, the bidder proposes to furnish all items necessary for and reasonably incidental to the proper completion of this bid. Bidder submits this bid and agrees that the bid may not be withdrawn for a period of thirty (30) days from the actual date of the opening of the bid.

Bidder understands and agrees, if selected as the successful bidder, to accept a Purchase Order / Service Order / Contract from the City and to provide proof of any required insurance.

Bidder submits this bid and agrees to meet or exceed all the City of Traverse City's requirements and specifications unless otherwise indicated in writing and attached hereto.

Bid forms are to be completed, including bid sheet, and submitted. Items not meeting specifications must be noted in the "comply" column and bidder shall fully describe every variance, exception, and/or deviation. Additional sheets may be used and submitted with bid.

Bidder is also required to submit, with the bid, the latest printed manufacturer's specifications and advertising literature on the equipment (including components) to be provided. Completed unit MUST be equipped in compliance with all applicable ANSI, OSHA, State and Federal Motor Vehicle Safety standards and regulations in effect at time of manufacture.

Bidder understands that the City reserves the right to accept any or all bids in whole or in part and to waive irregularities in any bid in the best interest of the City of Traverse City. The bids will be evaluated and awarded on the basis of the best value to the city. Criteria used will include, but not be limited to, bidder/contractor's ability, qualifications, experience, type and amount of equipment, purchase price, maintenance cost(s), insurance, resale, license and permits and overall capability meeting the needs of the City of Traverse City. The City is sales tax exempt – Government.

The Bidder certifies that it is in compliance with the City's Nondiscrimination Policy as set forth in Administrative Order No. 47 and Chapter 605 of the City's Codified Ordinances.

The Bidder certifies that none of the following circumstances have occurred with respect to the Bidder, an officer of the Bidder, or an owner of a 25% or more share in the Bidder's business, within 3 years prior to the bid:

- (a) conviction of a criminal offense incident to the application for or performance of a contract;
- (b) conviction of embezzlement, theft, forgery, bribery, falsification or destruction of

records, receiving stolen property, or any other offense which currently, seriously and directly reflects on the Bidder's business integrity;

(c) conviction under state or federal antitrust statutes;

(d) attempting to influence a public employee to breach ethical conduct standards; or

(e) conviction of a criminal offense or other violation of other state, local, or federal law, as determined by a court of competent jurisdiction or an administrative proceeding, which in the opinion of the City indicates that the bidder is unable to perform responsibility or which reflects a lack of integrity that could negatively impact or reflect upon the City of Traverse City, including but not limited to, any of the following offenses or violations of:

i. The Natural Resources and Environmental Protection Act.

ii. A persistent and knowing violation of the Michigan Consumer Protection Act.

iii. Willful or persistent violations of the Michigan Occupational Health and Safety Act.

iv. A violation of federal, local, or state civil rights, equal rights, or non-discrimination laws, rules, or regulations.

v. Repeated or flagrant violations of laws related to the payment of wages and fringe benefits.

(f) the loss of a license or the right to do business or practice a profession, the loss or suspension of which indicates dishonesty, a lack of integrity, or a failure or refusal to perform in accordance with the ethical standards of the business or profession in question.

Pre-delivery Inspection: Successful bidder shall make a complete inspection of vehicle (and/or equipment) to insure it meets specifications and perform any pre-delivery service(s) required before the vehicle is delivered. Acceptance shall be subject to complete inspection and approval of the City.

Terms: Net Cash. Payment will be made as soon as possible after delivery/acceptance of vehicle/equipment. Price quoted shall include any title fee and all delivery costs to the City Garage, 625 Woodmere Ave., Traverse City, MI 49686.

Bidder certifies that as of the date of this bid, Bidder's company or Bidder is not in arrears to the City of Traverse City for debt or contract and is in no way a defaulter as provided in Section 152, Chapter XVI of the Charter of the City of Traverse City.

The City may require an in house equipment demonstration for your bid to be considered.

Bidder agrees that the bid may not be withdrawn for a period of thirty (30) days from the actual date of the opening of the bid.

Please direct ALL questions to: Dave Courtad, Garage Superintendent, City of Traverse City, at 231-922-4900, ext. 111.

Bidder - Please complete and return

BID PAGE

One (1) Kassbohrer Pisten Bully, PB-100 Nordic - 3.1M,
Snow Cat or Approved equal.

Price quoted shall include title fee, any documentation fee, and all transportation (delivery) charges fully prepaid to the City Garage, 625 Woodmere Ave. Traverse City, MI 49686

YEAR MAKE AND MODEL OF EQUIPMENT BID: _____

COST OF SPECIFIED EQUIPMENT: \$ _____

EXPECTED DELIVERY DATE: _____
(Length of time after receipt of purchase order)

Submitted by:

Signature

Company Name

Name and Title (Print)

Company Address

Phone Fax

City, State, Zip

Sole proprietorship/partnership/corporation

If corporation, state of corporation