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January 21, 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 **Wednesday, February 4, 2015, at 2:00 PM** for the following:

**SPECIFICATION: TWO (2), 2 ½ - 3 Cubic Yard Wheel Loader, Rubber Tire, Articulated Steer, Four Wheel drive, 4 in 1 (Clam) Bucket.**  
(specifications attached)

If the specifications are obtained from the City's new updated website link at: [http://www.traversecitymi.gov/bids\\_and\\_rfps.asp](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](mailto: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 **“2 Wheel Loaders.”**

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 Mr. 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, 2<sup>nd</sup> floor  
Traverse City, MI 49684

**SPECIFICATION: TWO (2), 2 ½ - 3 Cubic Yard Wheel Loader, Rubber Tire, Articulated Steer, Four Wheel drive, 4 in 1 (Clam) Bucket.**

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 Wheel Loader that most closely resembles the specifications needed by the City. 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.**

**Units are to be Bid as a currently advertised and produced Model with all of the latest standard features whether or not called for in these specifications. Standard equipment shall be defined as that advertised in current manufacturers literature. (Please provide current brochure / specifications of the unit bid.)**

**Unit Make, Model and year bid:** \_\_\_\_\_

**Bidder Proposes  
To Furnish**

Unit bid shall consist of a Diesel driven, articulated, four wheel Drive, rubber tire loader. \_\_\_\_\_

Standard boom hook on bucket 2.7 yard SAE heaped capacity. \_\_\_\_\_

Standard boom, hook on, full turn tip must be at least 15,370 lbs. \_\_\_\_\_

Hook on unit must be configured with OEM cast steel attachment bracket. \_\_\_\_\_

4 – Way (clam bucket) 2 or 2 1/2 yards in size w/grab hooks and a quick coupler attach system. \_\_\_\_\_

Unit shall have, with other items specified, without including Optional counter weights and tire ballast, the minimum operating weight of 26,460 lbs for a standard boom hook on machine. \_\_\_\_\_

Dump clearance at full height as defined by SAE J732 shall be 9’1” for a standard boom, hook on machine. \_\_\_\_\_

Reach at full height as defined by SAE J732 shall be 3’7” for a standard boom, hook on machine. \_\_\_\_\_

Breakout force as defined by SAE J732 shall be 17,120 lbf for a standard boom, hook on machine. \_\_\_\_\_

Unit shall be equipped with automatic bucket positioner with adjustable position indicator, automatic and adjustable boom kick-outs for lift and lowering. \_\_\_\_\_

Unit shall be equipped with torque-parallel type linkage. \_\_\_\_\_

Bucket cutting edge width shall exceed tire width. \_\_\_\_\_

**Bidder Proposes  
To Furnish**

Engine:  
Unit shall meet all US EPA Tier 4 I emissions requirements for diesel engines. Engines certified to a Family Emission Limit (FEL) are not acceptable.

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Unit shall be equipped with a minimum 6 cylinder, 4 stroke, Inline, turbo charged, high torque, low emission, electronically controlled engine developing 161 hp flywheel horsepower as defined by SAE J1349 net.

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Common rail fuel injection system and an external cooled EGR system together with an active and passive DPF filter including a DOC to minimize emissions.

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Engine must be of a mounting type (rubber) that is designed to reduce vibration.

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Engine to be equipped with an air to air intercooler.

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Main cooling fan to be hydraulically driven and thermostatically controlled to conserve fuel and reduce exterior noise levels.

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An electronically controlled, reversing cooling fan shall be provided as standard.

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Engine to be equipped with a double fuel filter system with a water separator and easy drainage access.

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The whole engine hood should open completely for easy access to the engine and cleaning radiator.

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Electrical system:  
Unit to be equipped with a computer controlled monitoring and diagnostics system.

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Operation data must be downloadable for service and diagnostics work.

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Unit shall alert operator when scheduled service work is to be performed.

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**Bidder Proposes  
To Furnish**

Unit must have warning and indicator lights for the following functions: charging, oil pressure and transmission, brake system pressure, parking brake, hydraulic oil level, primary steering, secondary steering, high beams, turn signals, working lights, beacon, preheating coil, differential lock, coolant and transmission oil temperature, low fuel, coolant and washer levels. \_\_\_\_\_

Unit to be equipped with an alternator capable of 24V/120 amp. \_\_\_\_\_

Unit to be equipped with exterior lighting that will include two front 70 watt halogen driving lights with high/low beam. Parking lights, two rear combination stop, turn, tail lights with hazard warning flashers, two front and rear 70 watt working lights shall also be included. \_\_\_\_\_

Wiring shall be enclosed in a sealed, non-cloth protective casing to be routed when at all possible away from hydraulic hoses. \_\_\_\_\_

A GPS/AVL system that informs the Customer/Dealer of location, problems, time for service and other pertinent information, and works with telematics and satellite communication with subscription for time of ownership contract. \_\_\_\_\_

Transmission shall be of OEM design and manufactured by the loader manufacturer and matched to that loader. \_\_\_\_\_

Unit to be equipped with a fully automatic, computer controlled, countershaft type transmission with single lever controls for directional and gear changes. \_\_\_\_\_

Transmission to have 4 forward and 4 reverse gears. \_\_\_\_\_

List Max. Forward speed. \_\_\_\_\_

List Max. Reverse speed. \_\_\_\_\_

Transmission to have an automatic kick down to first gear which automatically returns to second gear when rim pull diminishes or direction is changed. \_\_\_\_\_

Torque converter to be single stage type. \_\_\_\_\_

**Bidder Proposes  
To Furnish**

Transmission to have a mode selector enabling gear shift points to match specific applications.

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Unit to have outboard planetary final drives with fully floating axle shafts.

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Unit to have a fixed front axle with a hydraulically operated 100% differential lock manually actuated by the operator inside the cab. The rear axle must oscillate + or – 13 degrees of the center pivot and have a self lubricating oscillating bearing.

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Unit to be equipped with 20.5R25 Loaded Radial Snows.

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Must have front and rear fenders.

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Unit to be equipped with a load sensing, hydrostatic, priority feed piston pump driven steering system, capable of + or – 40 degrees articulation from the center of pivot.

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Steering cylinders to be double acting and center hinge to be located in a manner that the rear wheels track the front wheels. The clearance circle to the outside of the bucket not to exceed 19' turning radius.

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Unit to be equipped with hydraulically operated, oil circulation cooled, outboard mounted wet disk brakes, meeting requirements and standards according to SAE J1473.

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Unit to be equipped with dual service brake pedals, brake wear indicators. Dynamic brake system deceleration check with results indicated in the display unit.

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Service brake system to have two separate circuits, for front and rear that are able to operate independently in case of malfunction.

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A separate accumulator driven, rechargeable, secondary brake function to enable braking when engine is not running.

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Unit to be equipped with a spring actuated, hydraulically released parking brake system.

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**Bidder Proposes  
To Furnish**

Unit to be equipped with a main hydraulic system with a load sensing axial piston pump with variable displacement and a pilot operated main valve. \_\_\_\_\_

Hydraulic system shall have a common tank for steering, working and brake oil, located so to provide gravity oil feed to pump. \_\_\_\_\_

Hydraulic tank to have a minimum capacity of 23.8 gallons. \_\_\_\_\_

All return oil from the main, steering and brake hydraulics to be filtered 10 micron full flow filter before returning to tank. \_\_\_\_\_

System reservoir to include a sight gauge, for fluid level check. \_\_\_\_\_

Lift circuit will be capable of four functions; raise, lower, hold, and float; as well as an automatic, adjustable, automatic boom kick-out with lever detent. \_\_\_\_\_

Tilt circuit to be capable of three functions: rollback, hold and dump; as well as an automatic, adjustable, bucket leveling with lever detent. \_\_\_\_\_

Must have a third valve circuit to enable use of four-way (Clam) bucket operation. \_\_\_\_\_

Hydraulic cycle time according to SAE J818 shall be no more than: rise = 4.5s, dump = 2.3s, lower = 2.9s, total = 9.7s \_\_\_\_\_

Operators' environment to be equipped with a fully enclosed cab meeting ROPS and FOPS standards per ISO 3471, ISO3449, ISO 6055 and SAE J386. \_\_\_\_\_

Cab must be equipped with an air circulation system capable of heating, defrosting of ALL windows, and pressurizing the cab with a 11 speed fan and an output level of 51,180 Btu/h. \_\_\_\_\_

Must have Air Conditioning with automatic climate control. \_\_\_\_\_

Interior sound level 68 dBa in accordance to SAE J2105 \_\_\_\_\_

Filtration system to be >98% efficient with SAE fine dust test. \_\_\_\_\_

**Bidder Proposes  
To Furnish**

Operators seat to be ISRI air suspended, heated, high back rest, with arm rest on both sides. \_\_\_\_\_

Unit to have radio w/ CD and blue tooth if available all mounting kits and speakers required. \_\_\_\_\_

Blue Tooth available: **YES** \_\_\_\_\_  
**NO** \_\_\_\_\_

Unit shall have Ride Control with Boom Suspension. \_\_\_\_\_

Unit shall have the following equipment: 12v standard charge outlet, cab heating with filter, fresh air inlet and defroster, floor mat, interior lighting, two interior, and two exterior (electric adjustable and heated mirrors), left and right opening windows, tinted safety glass, 3” retractable seat belt 8” longer than standard, adjustable hydraulic lever console, storage compartment, sun visor, beverage holder, front and rear windshield washers and wipers with intermittent function, speedometer, service platforms with anti-slip surfaces on rear fenders. \_\_\_\_\_

Steering Knob . \_\_\_\_\_

Sliding window in door. \_\_\_\_\_

Rear view camera color, LCD monitor. \_\_\_\_\_

Lunch box holder. \_\_\_\_\_

Anchorage manual. \_\_\_\_\_

Back up alarm. \_\_\_\_\_

Reverse light. \_\_\_\_\_

Footsteps front frame. \_\_\_\_\_

Footstep right side. \_\_\_\_\_

Cab ladder rubber suspended. \_\_\_\_\_

Cover plates rear frame. \_\_\_\_\_

**Bidder Proposes  
To Furnish**

Engine Auto shut down. \_\_\_\_\_

Engine block heater, 120v. \_\_\_\_\_

All warning/operation decals to be English or English/Spanish. \_\_\_\_\_

Slow Moving Vehicle sign. \_\_\_\_\_

Flashing strobe light. \_\_\_\_\_

5# Mounted fire extinguisher. \_\_\_\_\_

Quick coupler attachment system. \_\_\_\_\_

Separate attachment locking, std. boom. \_\_\_\_\_

Counterweight, logging. \_\_\_\_\_

PAINT: City Yellow or equal. Paint color to be approved,  
(Cat, Deere, Komatsu, Volvo yellow accepted) \_\_\_\_\_

Automatic Lube System – Centralized Lube System\*  
lines to be made of rubber material. \_\_\_\_\_

One mounted tool box to be approx. 2-3 cubic feet in size. \_\_\_\_\_

Rear mounted “pin” hitch or grab hooks for towing. \_\_\_\_\_

The vendor shall guarantee that the complete loader and accessory equipment shall perform in accordance with the information submitted with this proposal and as required by this specification. The vendor shall also guarantee that the complete loader can be driven on City streets at maximum forward road speed, unloaded, and in a safe manner with out weaving, wandering or other instability.

DELIVERY: The loader shall be serviced and checked in accordance with the manufacturer’s recommendations prior to delivery. The successful bidder shall provide instructions for maintenance and operation of the machine at time of delivery.

MANUALS: One copy of Owners/Operators Manual for each machine (two copies). One copy (that covers both machines) of Shop Repair and Parts Manuals (CD is acceptable and preferred for these).

WARRANTY: Minimum 12 months full warranty parts and labor to be performed at the City's Garage when possible, if repairs are extensive enough to have to be performed at the dealer all transportation charges incurred will be the responsibility of the Dealer with the successful bid.

**In the Bid price the bidder shall include a Power train and Hydraulic Warranty to cover the full term of the five year contract.**

**In addition to the Warranty's above the City will also request separately a quote for: 1. Additional cost for FULL Machine Warranty, 2. a Full Maintenance Agreement, to cover the 5 years and 4000 hours.**

**The bidder is responsible to provide a copy of the factory warranty and extended coverage, along with a copy of the quoted "maintenance agreement (assuming it will follow manufacturers guidelines)" at the time of bid.**

Successful Bidder shall provide a like "LOANER" if the equipment is in a "Down or inoperable condition" for longer than three (3) days as long as it was not due to miss-use or neglect on the City's part, unless however parts are delayed for whatever reason for more than the three (3) days.

#### **GUARANTEED REPURCHASE PRICE**

The bidder guarantees to repurchase the equipment at the end of 4000 hours of usage as recorded on the engine hour meter or (5) five years from the date of delivery, whichever occurs first, for a GUARANTEED REPURCHASE PRICE noted on the bid from. The City will in turn guarantee that the vehicle will be returned in good working condition with reasonable wear and tear and the tires having 40% tire life remaining on tread. Such GUARANTEED REPURCHASE PRICE will be subtracted from the sum of the bidders (1) base purchase price, to determine the bidder's TOTAL COST BID.

The City may elect to sell the equipment at a higher price to someone other than the bidder at the end of the guarantee period.

The City may elect not to sell the equipment at the end of the guarantee period if it chooses. In so doing, the repurchase portion of this agreement will be considered null and void and the bidder will be under no further obligation to repurchase the equipment. Any costs due the City will be due and payable by the bidder after which the bidder is relieved of any further maintenance and repair obligations.

#### **PERFORMANCE BOND**

The bidder will be required to provide the City with a Performance Bond equal to the sum total of 100% of the Guaranteed Repurchase Price.

**Bidder - Please complete and return**

**BID SUMMARY**

**TITLE: SPECIFICATION: TWO (2), 2 ½ - 3 Cubic Yard Wheel Loader, Rubber Tire, Articulated Steer, Four Wheel drive, 4 in 1 (Clam) Bucket.**

**DUE DATE: Wednesday, February 4, 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 sixty (60) 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: No TRADE-IN. The City of Traverse City pays its bills on the 10<sup>th</sup> and 25<sup>th</sup> of each month. Payments will be made as soon as possible after delivery/acceptance of vehicle/equipment AND receipt of bond. Payment will not be made until bond is received. Price quoted shall include any title fee and all delivery costs to the City Garage, 625 Woodmere Avenue, 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.

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

**BID PAGE**  
**2.5 – 3 yd WHEEL LOADER**  
**Please complete and return**

We the undersigned agree to furnish the City of Traverse City with (2) two front end loaders meeting above specifications, both to be delivered on or before March 31, 2015. If we cannot furnish the new units on that date we will provide a comparable unit, for the city to use (at no cost to the City), until the new units are delivered. Buyback to start on date of delivery of the new unit.

1) Net cost to the City, F.O.B., Traverse City Garage (each).

Loader Make and Model \_\_\_\_\_ \$ \_\_\_\_\_

“Guaranteed Repurchase Price” at the end of five (5) years or  
4,000 hours of operation (whichever comes first). (Subtract) \$ \_\_\_\_\_

(Total cost to City) each \$ \_\_\_\_\_

Additional cost for “FULL” Machine Warranty \$ \_\_\_\_\_

Additional Cost for a Maintenance Agreement to cover the full  
(5) five year 4,000 hour operation. \$ \_\_\_\_\_

Please provide a five (5) year 4000 hour “lease” option also if  
available. \$ \_\_\_\_\_

BY: \_\_\_\_\_ DATE: \_\_\_\_\_

COMPANY: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

TELEPHONE: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

NOTE: Bidder must bid on all items or the bid will be rejected as being incomplete. City of Traverse City will pay only the amount of Item # 1 (unless chooses to add additional warranty coverage and/or maintenance agreement) above. Equipment and Performance bond must be satisfactorily delivered to the City before payment will be made to the successful bidder.