
The City of Traverse City

Office of the City Manager

GOVERNMENTAL CENTER
400 Boardman Avenue
Traverse City, MI 49684
(231) 922-4440
(231) 922-4476 Fax



February 13, 2012

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 **Friday, February 24, 2012, at 2:00 p.m.** for the following:

TWO (2) HEAVY DUTY, DIESEL POWERED, TANDEM AXLE TRUCKS, GVW - approx. 66,000# - To Be Equipped for Plowing Snow (Specifications attached)

If the specifications are obtained from the City's website at www.ci.traverse-city.mi.us (services) it is the sole responsibility of the Bidder to check the website for updates and addendums prior to the bid being submitted. You may also register on the website to receive notifications when requests for proposals or bids, updates and addendums are posted.

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 **"Two Tandem Axle Trucks."**

You must submit 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 Scott Meter at (231) 922-4902 ext.111 before the bid is submitted.

PLEASE SUBMIT BID TO: Julie Dalton, Purchasing Agent
City Manager's Office, Governmental Center
Second Floor, 400 Boardman Avenue
Traverse City, MI 49684

SPECIFICATION: TWO (2) HEAVY DUTY, DIESEL POWERED, TANDEM AXLE TRUCKS, GVW - approx. 66,000# - To Be Equipped for Plowing Snow

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 than 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 than 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 SCOTT METEER, SUPT., DIV. OF MOTOR EQUIPMENT, OF ITS QUALIFICATION FOR SUCH REBATE AND TO ADVISE THE PROCEDURES FOR OBTAINING SUCH REBATES.

It is the intent of these specifications to describe heavy duty diesel powered tandem axle trucks for snow plowing and misc. hauling. 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. SCOTT METEER, AT 231-922-4902, EXT. 111, BEFORE THE BID IS SUBMITTED

SPECIFICATIONS: TWO (2) HEAVY DUTY, DIESEL POWERED, TANDEM AXLE TRUCKS, GVW - approx. 66,000#, current model year 2013

To be Equipped with the following after being received by the City: Stainless Steel Dump Box, Underbody Scraper, Front Snow Plow Hitch, Hydraulics, and Misc. Equipment

Western Star 4700, or Equivalent

TRUCK - CAB AND CHASSIS

Note: Design of truck to allow an underbody swing blade with a one piece, 1" circle, at 20" minimum clearance for a 12' underbody blade.

BIDDER PROPOSES TO FURNISH

Make and Model of truck bid _____
GVW: approx. 66,000#

Wheelbase: approx. 196" with setback front axle. Wheelbase length MUST be suitable to accommodate a 12' underbody scraper. Due to the low transmission mounting position wheelbase may be affected on some makes/models of trucks. Truck bidder to confirm wheelbase length with body company for suitable installation of 12' underbody scraper

Frame: Straight full length heavy duty channel frame, 1/2 x 3.64 x 11-7/8 steel. 120,000 psi yield strength. Partial frame reinforcement at front suspension.

After Frame (AF): Approx. 70"

Frame Extension: Straight through integral one piece frame extending 24" beyond front grill. No bolt on or welded extension shall be used. Front PTO Provision - for hydraulic system-drive mounted under radiator. NO EXCEPTION.

Frame fasteners: Hex headed grade 8. No huck bolts.

Front tow hooks, (2) frame mounted.

Front bumper "delete" (Body company to fabricate new bumper).

**BIDDER PROPOSES
TO FURNISH**

C.T. Approx. 132" _____

Allow suitable distance between cab and dump box for fuel/hydraulic oil tank. Also, truck dealer to confirm c/t dimension with body company to allow for emission equipment. _____

Conventional cab with fiberglass hood. Front clip to tilt, for easy access to engine compartment. Grill to be stationary, to allow opening clearance over the front snow plow hitch. _____

Hood to have LH and RH butterfly openings for ease in checking engine fluid levels. _____

Engine: There are various diesel engines available with 1,650 ft lb of torque, 450 horsepower. Please bid all available engines available with 1,650 ft. lb. of torque. Standard or lowest cost engine to be included in bid. Optional engines should include an up charge. All engines bid to be compatible with the Allison 4000 Series RDS transmission. _____

Engine make and model bid: _____ hp _____ ft lb torque

Optional engines:

Engine make & model: _____ hp _____ ft. lb torque
Additional cost: + or - \$ _____

Engine make & model: _____ hp _____ ft. lb torque
Additional cost: + or - \$ _____

Engine make & model: _____ hp _____ ft. lb torque
Additional cost: + or - \$ _____

Engine: Full Extended Warranty 7 years. _____

"Jacobs" brand compression brake. _____

1350 Adapter flange for front pto provision. _____

Engine to have composite or stainless steel oil pan. Please specify. _____

**BIDDER PROPOSES
TO FURNISH**

Automatic shut down system, (with shutdown override) manufacturer's original equipment. System to shut down from loss of oil pressure, high coolant temperature, or low coolant. Bidder to indicate name and model of system bid:

Bid price to include PC compatible software program for diagnostic/troubleshooting and parameter adjustment/programming capability of engine and vehicle. To include communications adapters (all required, including, but not limited to: communications adapter, serial cable, data links, etc), software, manual, license and minimum of 3 year subscription (for updates). City of Traverse City will supply its own PC. Include cost for this option in the bid.

_____*

*Note: The City may elect to delete this option, if so, what would be the deduct amount if the City decided to do so.

Deduct \$ _____

To include "Virtual Technician with remote visibility," with web access.

Starting Aid: Manufacturer's standard (i.e. glow plug / intake warmer
Electronically governed engine
Electronic accelerator and throttle
Engine idle shut-down set for ten minutes.
Engine will require in-line check valve(s) and fuel shut off kit
Fan Clutch: Manufacturer's standard
110 volt engine heater

Air Cleaner: Dry element type - with in-cab air restriction indicator. Winter engine air intake shall be from under the hood and draw from the driver's side of the truck. This is intended to provide dry engine intake air during snow plowing operations.

Oil Filter: Full flow cartridge - or Spin-on
Engine mounted oil cooler

Fuel Filter: Shall be remote and shall include a heated fuel water separator.

Fuel Shutoff: For filter change w/o loss of fuel

**BIDDER PROPOSES
TO FURNISH**

Fuel Tank: Shipping tank only. All valving shall be supplied in the fuel system to allow for high mounted fuel tank. Equipment supplier to install combination fuel/hydraulic tank between cab and body.

Magnetic Plugs/Traps - Located on engine and transmission drain, and axles, fill and drain.

Transmission: Allison 4000 Series RDS, six speed, suitable for municipal plowing operations. Bidder to provide City with Scan. Shift points to be determined at time of bid award.

Electronic transmission customer access connector, blunt cut, mounted between driver and passenger seats.

Dash mounted push button electronic shift control.

"Transynd" Transmission Fluid

Transmission oil temperature gauge, backlit, dash mounted.

Transmission: Full Extended warranty: five years.

Heavy duty air or water to oil transmission cooler as recommended by Allison.

Front Axle: Heavy duty 20,000# Setback for maneuverability.

Bidder to state (outside to outside) turning radius of truck:

Front Suspension: Front springs: Capacity - 23,000#

Drag Link & Tie Rod ends - with grease zerks

Heavy Duty Front Shock Absorbers

Steering: Integral power steering with external cooler.

Oil lubricated front wheel hubs. Scot seal oil seals. With fill plugs and windows.

Rear Axle: Heavy Duty 46,000#, RT-46-160p or equiv.

Traction Differential, driver controlled, air operated. Full locking (all wheels) Driver controlled in-cab air operated switches for the power divider and cross axle lock functions.

**BIDDER PROPOSES
TO FURNISH**

Rear Axles to be geared: (to be determined after bid is awarded)
Gear ratio bid: (approx. 5.63) _____

Asphalt spreader clearance rear brake geometry _____

Drive Line: SBL250 _____

Rear Suspension: Hendrickson HN462 - 46,000# capacity
w/torque rods and four heavy duty shock absorbers. _____

Brakes: Air (full) with 19 cu.ft. compressor
Anti-Lock Air Brake system-Wabco 4s/4m w/o traction control
S-Cam Brakes
Parking Brake: Air (Mfgr. standard)
Automatic Moisture Ejectors
Low pressure warning light and buzzer
Air Dryer Bendix-Westinghouse AD-9 with heater
Haldex automatic slack adjusters
Front and Rear dust shields
Scottseal Rear Oil Seals
Rear brake chambers shall be "Haldex GoldSeal" _____

Air Tanks shall be mounted inside/between truck frame rails _____

Air Tanks, mounting brackets and straps: Stainless steel. _____

Air and electrical lines suspended away from frame members. _____

Alternator: 160 amp - 12 volt system _____

Batteries: 3 - group 31, absorbed glass mat , mounted under passenger seat _____

Battery box mounted under passenger seat and vented to outside of cab _____

Positive load disconnect with in cab mounted control switch mounted
outboard of driver's seat. _____

Wire ground return for battery cables with additional frame ground return. _____

All wiring to be laser etched and color coded. _____

Marine grade in-cab switches. _____

**BIDDER PROPOSES
TO FURNISH**

Exhaust: Vertical exhaust system with configuration so as not to interfere with the mounting of combination tanks, dump body, and underbody scraper. System to have a minimum of 24" ground clearance. Equipped with 90 degree outlet(s). Stainless steel heat shields shall cover exposed vertical piping. There shall be a minimum of 3" clearance maintained between the truck frame, cab, and exhaust piping.

Engine after treatment device. Automatic over the road regeneration, and dash mounted regeneration request switch.

R H outboard frame mounted vertical after treatment system w/top stack

Thirteen gallon diesel exhaust fluid tank.

Bidder to submit full description of any catalytic converter/emission system provided with this bid proposal.

Bidder to provide warranty information for the exhaust/emission system proposed.
Warranty: _____

Directional Signals: Steering column mounted, non-self-canceling type, with four way hazard flashers, and heavy duty turn signal flasher.

2-1/2 # fire extinguisher mounted outboard of driver's seat.

Interior Color / Cab Trim: Color to be charcoal / graphite. High level, to include, but not limited to: cloth head liner, carpeted rear cab panel and lower doors, molding around doors, windows, and B-pillar, arm rests and sun visors (both sides). Deluxe sound suppression cab insulation pkg. Flooring: Black rubber mat, double insulated.

Ignition and door keys shall be the same, all chassis ordered at the same time shall be keyed the same, there shall be four (4) keys supplied for each chassis.

Conventional cab to include:
Severe service galvanized steel construction
Air cab mounts
Stainless steel sill plates

**BIDDER PROPOSES
TO FURNISH**

Passenger Door lower visibility window _____
Fender extensions _____
Cab mounted front anti-spray mud flaps _____
Grab handles, RH and LH (interior and exterior) _____
Tinted windows, All _____
Air Conditioning _____
Cab fresh air intake to be filtered _____
Heater/Defroster: Hi Output _____
Dual Air horns, cab roof mounted , with shields _____
Electric Horn, manufacturer's standard _____
12 volt power point - dash mounted _____
Radio: AM-FM with digital clock feature. Factory installed _____
Four in-cab radio speakers _____
Power windows LH and RH with controls on drivers side _____
Interior dome light to operate when either door is opened _____
Sun Visors, LH and RH _____
Tilt, Steering Column _____
Seatbelts: 3 point adjustable D-ring retractor, LH and RH, _____
 High visibility orange _____
Diagnostic interface connector (see pg. 3) _____
Body Builder wiring provision passing through the cab to the rear of cab _____

Seating: Bostrom 915 wide ride hi-back, air suspension driver's seat with
(2) air adjustable lumbar support. Companion seat to be manufacturer's
standard. Both seats to be cloth covered. Seat placement to allow for
mounting of hydraulic controls, etc. between seats. _____

Exterior Color: "School Bus" Yellow or equiv. Color to be approved
upon bid award. Frame shall be black. _____

Mirrors: LH and RH Heated Stainless Steel, 6x16 west coast type
with LH and RH 8" auxiliary convex type mirror, mounted below
primary mirrors. _____

Gauges: Instruments to be Line Haul gauges with circuit breakers.
Back lighted; to include, but not limited to: Air pressure, Oil pressure,
Engine Water Temperature, Fuel, Tachometer, Speedometer,
Odometer, Volt/Amp, Transmission Oil Temperature, Fault code readout. _____

Speedometer to have standard vehicle speed sensor with additional
signal for customer use located between driver and passenger seats. _____

**BIDDER PROPOSES
TO FURNISH**

Hour Meter, ignition activated, mounted in-dash. Stand alone meter. _____

Snow Plow light wiring provision to the front of the truck.
Shall include both plug halves to wire into aftermarket plow lights.
Wiring and Switch. (marker and head light) _____
Windshield wipers: Electric, two speed, with intermittent feature _____
Windshield washers: Electric with outside of cab reservoir. _____

Lighting: FMVSS #108 compliant. LED lighting requested for all lights.
Lights to be rubber mounted, shock resistant, with weather-pak or
waterproof connections. Rear lighting for transportation purposes
only. Body company to install rear lighting. _____

NO MULTI-PLEX WIRING-No exceptions. _____

Four extra ignition controlled switches in cab, 20 amp, with ind. lights
Tires: front - *Continental HSU2 315/80R 22.5, 20ply _____
rear - *Bridgestone M711, 12R 22.5, 16ply _____
If the above tires are not available, please contact the City for an acceptable alternative) _____

Wheels:
Front: Heavy duty steel - ten (10) hole disc Hub Piloted _____
Rear: Heavy duty steel - ten (10) hole disc hub piloted unimount 9" _____
Hubs, steel, painted black, Rims white. _____

Cooling System:
Heavy duty radiator, design to provide sufficient cooling and allow
for the extension of the crankshaft under the radiator and the
mounting of a pump in front of the radiator. There shall be a
minimum of 4" clearance in alignment to the crankshaft and
engine slant. No cutouts or holes for PTO. _____
Steel lower radiator and oil pan guards _____
"Blue Stripe" hoses _____
Constant tension hose clamps for coolant hoses _____
Coolant filter - Fleetguard Spin-on _____
Coolant Recovery system, with steel reservoir. _____
Extended Life Coolant (100,000 change interval) set to -34 deg. F _____

**BIDDER PROPOSES
TO FURNISH**

NOTE: It is the responsibility of truck cab & chassis bidder to coordinate with body supplier. If the body/equipment supplier has to make modifications the truck bidder will be charged time and materials to correct problem. City must approve dealers "order confirmation sheet" before final order is submitted. Successful bidder to provide "line sheet" and "cab electrical schematic" at time of delivery.

Warranty: Full warranty, seven (7) years with \$0 Deductible.

Warranty to begin on the in-service date of each truck.

Truck Dealer: Please indicate a local authorized repair facility where warranty service, if needed, may be performed. _____

If dealer does not have a local authorized repair facility can/will you contract with someone locally to do warranty repairs if necessary? _____

Bidder to include detailed information on each component of the warranty.

INSTRUCTIONS TO BIDDERS:

All bids must be submitted through a truck dealer. Truck dealer will be the one receiving the purchase order for the completed vehicle. If an equipment dealer wishes, they may submit a bid utilizing their equipment and a truck dealers truck. In so doing they will receive the purchase order and be responsible for the completed vehicle. Only one purchase order will be issued and payment will be made after vehicles are satisfactorily delivered.

BIDDER PROPOSES TO FURNISH

One copy of operation manual as well as complete electrical and hydraulic schematics, including part numbers and wire/line sizes. Shop and Parts Manuals to be provided for everything (including all installed items.) This shall be furnished at time of delivery.

All items to be painted, installed, and fully operational. All phases of installation to be reviewed with Scott Meteer prior to installation. Pre-paint inspection required.

Completed unit and all equipment to be in compliance with all applicable State, Federal, ANSI, and OSHA regulations in effect at time of manufacture.

Bid Forms: Exceptions / Deletions - Bidder **MUST** return the attached bid forms, completely filled out. If these forms are not used the bid WILL NOT be considered. Bids must meet or exceed specifications. 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. 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.

BIDDER PROPOSES TO FURNISH

Bidders must also submit, with their bid, a copy of the manufacturer's published literature, on all the equipment (and accessories) they propose to furnish.

Terms: Net cash within 30 days of acceptable delivery. No Trade In. Price quoted shall include title fee, and all transportation/delivery charges fully prepaid to the City Garage, 625 Woodmere Ave. Traverse City, MI.

**BIDDER PROPOSES
TO FURNISH**

WARRANTY WORK: The City of Traverse City may, with prior approval, perform any minor warranty work within the warranty period. City of Traverse City to be reimbursed "time and material" for this warranty work. If major work is to be performed, it will be the responsibility of the successful bidder to pickup, repair as necessary, and deliver the vehicle back to the City of Traverse City, at NO cost to the City.

IF YOU HAVE ANY QUESTIONS, PLEASE CALL MR. SCOTT METEER, 231-922-4902, EXT. 111. Questions should be asked BEFORE the bid is submitted.

Bidder - Please complete and return

BID SUMMARY

TITLE: TWO (2) HEAVY DUTY, DIESEL POWERED, TANDEM AXLE TRUCKS, GVW - approx. 66,000# - To Be Equipped for Plowing Snow

DUE DATE: FRIDAY, FEBRUARY 24, 2012 AT 2 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 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, vendor/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.

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.

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

BID SHEET

**HEAVY DUTY, DIESEL POWERED, TANDEM AXLE TRUCKS
GVW - approx. 66,000#**

Quantity: (2) Two Tandem Axle Truck Cabs and Chassis

Year, Make, and Model of Truck Bid: _____

Total Cost for cab and chassis (**Each**) \$ _____

Approx. delivery date of cab and chassis (after receipt of purchase order) _____

BY: _____

TITLE: _____

COMPANY: _____

ADDRESS: _____

PHONE: _____ SIGNATURE: _____