

ONE (1) 66,000# GVWR MIN. 6X4 TRUCK CAB AND CHASSIS

BIDDING INSTRUCTIONS

1. **BACKGROUND:** The Town of Chelsea intends to purchase one (1) new, unused 66,000 GVW truck cab and chassis. A purchase order and purchase contract will be issued to the selected vendor. Please note the purchase contract; the Town will require the successful vendor to sign the contract pledging delivery, by the mutually agreeable deadline, of a truck matching the Town's specifications with any modifications agreed to before contract award. A late delivery charge will be deducted from the payment. A non-conforming truck will be rejected. The selected vendor will be responsible for coordinating delivery of the truck with the vendor awarded the contract for the dump body and plow.
2. **BIDDING PROCEDURES:** All bids shall be submitted **on the form provided by the Town** and addressed to the Chelsea Town Administrator P.O. Box 266, Chelsea, VT 05038. Bids must be received by **noon on Tuesday, August 6th 2024**, for opening at **6:30PM at the regularly warned Selectboard meeting at the Town Hall on August 6th 2024**. Bids shall be in sealed envelopes clearly labeled "**BID - DUMP BODY & SNOWPLOW**". Do not fax your bid. Bids on the Town's bid form may be submitted as a PDF attachment to an e-mail to town.administrator@chelseavt.us Use "Dump Body, Plow & Wing" on the subject line. Bidders will receive a confirmation email from this address. However, it is the bidder's responsibility to confirm the Town received the bid and it can be opened and read. E-mail bids (the attachment) will be opened and printed at the time set for the bid opening. The Town reserves the right to waive informalities or reject any or all bids when such action is deemed in the best interest of the Town. The Town reserves the right to delete such items as it deems necessary from these proposals.
3. **QUESTIONS:** If you have any questions regarding the specifications or quote procedures, please contact Rick Ackerman, Road Supervisor at 802-685-4302.
4. **SPECIFICATIONS:** The attached Town Specifications shall, where appropriate, be considered a minimum. The truck for which bids are submitted must conform with the Technical Specifications. Any variations shall be clarified by the bidder on a separate sheet of paper. On the Deviation Sheet, reference the Town's specification number(s). If non-complying specifications are not noted, the Town will expect delivery of the truck meeting its specifications.
5. **ACTION ON BIDS:** Award of the purchase contract will not be based solely on the lowest bid. The award will be made to the vendor with the best buy for the Town. Best buy will be determined by: **1) price; 2) construction and warranty details that affect future operation and repair costs, and 3) delivery date.** Award of the purchase order and contract, if an award is made, is expected at the January 7, 2025 Selectboard meeting. The Selectboard reserves the right to waive informalities or reject any or all bids when such action is in the best interest of the Town.
6. **DELIVERY & PAYMENT:** On the bid form specify the number of days needed to deliver the truck to the snowplow system dealer. The bidder will be held to the number of days when the purchase contract is complete. A late fee of \$25 per day will be deducted from the truck payment. Until the truck is accepted by the Chelsea Town Highway Department, the truck will be considered the vendor's property. Consequently, the vendor must insure the truck until notification of acceptance. The truck invoice will be paid within thirty (30) days of accepted delivery.
7. **SERVICE AND PARTS:** The dealer shall be able to supply the Town with good quality service within 24 hours of request. The dealer shall have an adequate parts supply and availability.
8. **WARRANTY:** The Town is interested in extended warranty options. On the bid form, describe the standard warranty and itemize the cost of the extended warranty options and describe the terms or include warranty literature from the manufacturer. Use additional paper, if necessary to list and describe additional optional warranties.
9. **LOCAL VENDOR ALLOWANCE:** There will be no local vendor allowance for this purchase.
10. **MISCELLANEOUS:**
 - A. The normal sequence in the assembly of the completed vehicle is for the vehicle to go from the manufacturer to the truck dealer, to the snowplow system and truck body dealer, to the Chelsea Town Garage. Transportation costs are to be included in the bid. No additional costs will be paid by the Town of Chelsea.
 - B. Any items removed or cut off from the truck chassis during installation are the property of the Town and will be returned with the truck.

TOWN OF CHELSEA
SPECIFICATIONS

66,000# GVWR MINIMUM TRUCK CAB AND CHASSIS

TYPE: (1) One new, latest model at time of delivery, 66,000# GVWR minimum, truck cab and chassis.

USAGE: To be used for on and off road highway construction and maintenance consisting of general hauling of sand, salt, gravel, and other road building materials. Also will be used for winter maintenance operations including plowing, sanding, and salting. The truck will be equipped with an 11' front-mount plow weighing approximately 2,800 lbs; a right-hand mounted 10' plow wing weighing about 3,000 lbs., including mounting assembly, and a 14ft. side dump body.

GENERAL: The vehicle and its associated equipment must be of rugged design and construction throughout; feature ideal handling characteristics for ease of operation; and be capable of operating for sustained periods under extreme weather and operating conditions. Manufacturer's assembly line parts coding information must be attached to each unit. The intent is to enable replacement parts. An operator's manual and a truck service manual must be included.

All components will be manufactured with asbestos free materials.

The vehicle must meet or exceed all applicable Federal and Vermont laws and regulations in force at the time of delivery. The vehicle must be completely Vermont State inspected and serviced by the vendor prior to delivery, to include steering geometry and balancing of front tires and wheels after additional springs are installed. Documentation of alignment will be provided with the vehicle to include camber/caster and toe-in measurements after the springs have been added. All standard equipment must be on the truck; upgrades noted.

Wheelbase: 210", Cab to axle – 126.5", axle to Frame – 63"

Engine: 505 HP @ 1625 RPM, 1900 GOV RPM, 1850 LB/FT @975 RPM
Must be diesel exhaust fluid equipped (or Comparable engine).

ENGINE/ACCESSORIES:

- A. Equipped with oil cooler.
- B. Governor setting at maximum continuous rpms in combination with differential gear ratio to produce a maximum speed of 60 to 65 MPH.
- C. Side of hood air intake with firewall mounted air cleaner and inside/outside air with snow door. Dry type air cleaner.
- D. Alternator: 28-SI series, 12 Volt, 160 amp minimum.
- E. 12 volt 39MT + HD/OCP starter with thermal protection and integrated magnetic protection.
- F. (3) 12-Volt Battery(s) Maintenance Free 3375 CCA Minimum Threaded Stud Type mounted in a Single Battery Box under LH Side of Cab or under the passenger seat with boost post.
- G. Electronic engine integral shutdown protection system.
- H. 19.0 CFM single cylinder air compressor with safety valve.
- I. Jacobs engine compression brake.
- J. Engine mounted fuel filter/fuel water separator with water in fuel indicator.
- K. Block heater, 1500 watts, 115 volt.
- L. Magnetic Drain Plug.
- M. 1500 Square inch aluminum radiator, with drain valve.

- N. Antifreeze to -60F.
- O. Horizontal muffler mounted under cab right side with vertical stack, tailpipe will have tip out at top and will include heat shield. (Exhaust height approximately 11'-6").
- P. Engine after treatment device. Automatic over the road active regeneration and dash mounted single regeneration request/inhibit switch.
- Q. 13 Gallon Diesel exhaust fluid tank, 100 percent fill.

TRANSMISSION:

- A. Allison 4500 RDS automatic transmission with PTO provision.

TRANSMISSION EQUIPMENT:

- A. Push button electronic shift control, dash mount with 3rd gear lock up for plowing.
- B. Primary mode gears, lowest gear 1, start gear 1, highest gear 6, available for 3000/4000 product families only.
- C. Gear ratio in combination with engine must produce a maximum continuous speed of 60 MPH to 65 MPH. Shop Foreman Must Be Contacted and Approve Gear Ratios Before Final Acceptance.
- D. 1950 RPM primary mode shift speed, 1950 RPM secondary mode shift speed.
- E. Vehicle interface wiring with body builder connector mounted end of frame, no blunt cuts.
- F. Magnetic plugs, engine drain, transmission drain, axle(s) fill and drain.
- G. Water to oil transmission cooler, framed mounted.
- H. Transmission oil check and fill with electronic oil level check.
- I. Synthetic transmission fluid (TES-295 compliant).

FRONT AXLE AND EQUIPMENT:

- A. 20,000# single front axle.
- B. 16.5x6 Q+ cast spider cam front brakes, double anchor, fabricated shoes.
- C. Non-asbestos front brake lining.
- D. Cast iron front brake drums with oil seals, and dust shields.
- E. Oil lubricated wheel bearings.
- F. Vented front hub caps with window, center and side plugs, 80/90 front axle lube.
- G. Automatic front slack adjusters.
- H. Standard king pin bushings.
- I. TRW THP-60 power steering with RCH45 auxiliary gear (or comparable).
- J. Power steering pump with 4 quart power steering reservoir.
- K. Oil/Air power steering cooler.

FRONT SUSPENSION:

- A. 23,000# multi leaf front suspension, 11,500# left, 11,500# right (air bag or timbren blocks not acceptable).
- B. Front Shock Absorbers.

REAR AXLE EQUIPMENT:

- A. RT-46-160 46,000# R-Series tandem rear axle.
- B. Rear axle ratio in combination with motor and transmission must produce a maximum continuous speed of 60 to 65 MPH Contact Shop Foreman for Approval.
- C. Driver controlled traction differential – both tandem rear axles.
- D. 16.5x7 Q+ cast spider cam rear brakes, double anchor, fabricated shoes.
- E. Non-asbestos rear brake lining.
- F. Asphalt spreader clearance rear brake geometry.
- G. Cast iron rear brake drums with oil seals, and dust shields.
- H. Heavy duty 30/36 2-drive axles spring parking chambers.
- I. Automatic rear slack adjusters.
- J. Synthetic 75w-90 rear axle lube.

REAR SUSPENSION:

- A. Walking beam type, 46,000# with 56 inch axle spacing, transverse torque rods (Note: bids will only be accepted with either a Tuffrac 56 inch axle spacing or a Chalmers 54 inch axle spacing. No exceptions.)
- B. Rear shock absorbers – two axles (tandem).

BRAKE SYSTEM:

- A. Wabco SS-1200 plus air dryer with integral air governor and heated.
- B. Wabco oil coalescing filter for air dryer.
- C. Air dryer mounted inboard on RH rail.
- D. Standard brake system valves.
- E. Standard air system pressure protection system.
- F. STD U.S. front brake valve.
- G. Aluminum air brake reservoirs.
- H. Clean frame rails from back of cab to front rear suspension bracket, both rails outboard.
- I. Pull cable on wet tank, petcock drain valves on other air tanks.

TRAILER CONNECTIONS:

- A. White noise back up alarm, must meet OSHA specs.

FRAME:

- A. 7/16X3-9/16X11-1/8 Inch steel frame 120KSI.

- B. ¼ Inch C-channel inner frame reinforcement .
- C. Body company installed additional front frame reinforcement for snow plow.
- D. 63 Inch rear frame overhang.
- E. 12 Inch (minimal) integral front frame extensions with 0.25 Inch insert.
- F. 16.5 inch painted steel straight bumper, with license plate mount.

FUEL TANK:

- A. 80 Gallon minimum aluminum fuel tank – LH with standard steps.

TIRES:

- A. 315/80R22.5 20Ply radial front tires.
- B. 12R22.5 16Ply radial rear tires.

HUBS:

- A. Conmet preset plush iron front and rear hubs.

WHEELS:

- A. Accuride 29039 22.5X9.00 10-hub pilot 5.25 inset 5-hand steel disc front wheels.
- B. Accuride 29300 22.5X9.00 10-hub pilot 5-hand disc rear wheels.

CAB EXTERIOR:

- A. Heavy- duty insulated with floor mats.
- B. Air cab mounts.
- C. Non-removable bug screen mounted behind grille.
- D. 3-1/2 inch fender extensions.
- E. Left and right grab handles.
- F. Stationary black grille.
- G. Black mounted air intake grille.
- H. Fiberglass tilt forward hood with access hatches.
- I. Dual 26 inch rectangular polished aluminum air horns roof mounted with covers.
- J. Single electric horn.
- K. Rear license plate mount end of frame rail.
- L. Halogen composite headlamps.
- M. Five (5) Amber marker lights.
- N. Daytime running lights.
- O. Integral stop/tail/backup lights.

- P. Standard front turn signal lamps.
- Q. Factory snowplow light harness.
- R. Dual west coast heated mirrors.
- S. LH and RH 8" convex heated mirrors mounted under primary.
- T. LH and RH 8" convex mirrors mounted on hood/fenders.
- U. Standard side/rear reflectors.
- V. RH After treatment system cab access.
- W. Tinted windshield, all glass, heated windshield wiper blade park area.

CAB INTERIOR:

- A. Full instrumentation on dash; all electronic and illuminated. to include volt, oil pressure, engine water temp., air pressure gauges, transmission temp. hour meter, and air filter-airflow restriction gauges. ergonomic design.
- B. Left and right side interior sun visors.
- C. Fully adjustable air suspension cloth-covered high back premium seat with air lumbar, right and left arm rest. Heated seat and back. Retractable 3 point safety belt.
- D. Basic high back non suspension passenger seat with retractable 3 point safety belt.
- E. Heater, defroster and air conditioner, with recirculation switch.
- F. Dash mounted ash tray and lighter.
- G. Single electric windshield wiper motor with delay, slowest speed setting with
 - a. parking brake set, and arctic type blades.
- H. Standard cup holders.
- I. Remote power modules mounted Inside cab back of driver's seat, with (12) 20 amp outputs and (12) single inputs, modules will be controlled by (12) dash switches.
- J. Two (2) CB hot post and ground on separate circuits, both sets of posts will be located for headliner-installed radios.
- K. Adjustable tilt and telescoping 18 Inch steering wheel.
- L. Manual door window regulators, and door locks.
- M. AM/FM/ aux port, with wiring and antenna; includes multiple dual-cone speakers.
- N. 5 Lb. fire extinguisher.
- O. Triangular reflectors without flares.

COLOR:

- A. Red that must be approved by Shop Foreman.

WARRANTY OPTIONS:

- A. Complete Engine warranty including engine accessories such as Turbo, Water pump air compressor, electrical harnesses and sensors, DEF system, and DPF filters 84 months/100,000 miles unlimited hours.

- B. Allison transmission extended warranty 84 months/unlimited miles.
- C. Towing 84 months/unlimited miles (\$1200.00 coverage per incident).

MANUALS:

- A. Full shop service manuals including electrical will be provided. Digital parts manuals if available will be provided at no added cost.

TOWN OF CHELSEA

66,000 LBS, GVWR MINIMUM 6 x 4 TRUCK CAB AND CHASSIS

BID FORM

Year, Make and Model: _____

Bid Price for Base Truck Cab and Chassis: \$ _____

Delivery date to snowplow dealer: _____

Options:

A. Extended engine warranty – 84 months, 100,000 miles, unlimited hours:

\$ _____

B. Extended Allison transmission – 60 months, unlimited miles: \$ _____

C. Towing coverage – 5 years, unlimited miles: \$ _____

State coverage per incident: \$ _____

The undersigned affirms the truck bid above meets the Town's specifications, except as listed in the bidder's deviation sheet.

Date: _____ Company: _____

Telephone No: _____ Authorized Signature: _____

Address: _____

Fax: _____

Email: _____

~ Bids must be received by 12 noon, Tuesday, August 6 2024

Sent to:

Allegiance
Attn: Dan St. Cyr
6 Orr Road
Jericho, VT 05465

R.R. Charlebois
Attn: Sandy Ladd
950 Rt. 7 South
Milton, VT 05468

Advantage Truck Group
165 Heater Road
Lebanon, NH 03766

SG Reed Truck Services
939 John Stark Hwy
Newport, NH 03773