



Town of Wilton

158 Weld Road
Wilton, ME 04294
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May 7, 2021

The Town of Wilton is soliciting bids for a 2022 tandem axle cab and chassis. Attached to this letter is a specification bid submission sheet outlining the various equipment and options to be included in your bids. On the bid submission sheet, please specify any item you are including which is equivalent to the one which is listed, by recording the appropriate model number or description on the line provided (or on an additional sheet if needed.) If any specified item is not available, write N /A next to that item. Also include with your bid appropriate informational brochures for the equipment you are bidding. Plow equipment will have bids from H.P. Fairfield and Viking Cives (USA).

The Town will be trading in:
1 single axle 2009 Sterling

If you are interested in submitting a bid, you should complete and return the enclosed sheet along with the requested additional material.

Further information or observation of the trade-in may be obtained by calling foreman John Masse at the Public Works Garage. (207) 645-4883.

The Town of Wilton reserves the right to refuse and reject any and all bids, and waive any or all formalities or technicalities or to accept the bid determined to be the most advantageous to the Town. Your bid and supporting information should be submitted in a sealed envelope marked **2021 TRUCK Bid** and must be received at the Town Office no later than 4:00 pm. and opened on Thursday, May 27, 2021. Bids will be reviewed by the Town Manager and Board of Selectpersons at their regular meeting on TUESDAY, June 1 2021 at 6:00 pm. The Town of Wilton reserves the right to hold the proposals for a period of 12 days from the submission date without taking any action thereon to allow for inspection/testing of proposed equipment prior to making a final decision on proposal acceptance.

Final award of bid is contingent upon budget approval at Town Meeting, June 14, 2021.

Sincerely,

Rhonda Irish

Rhonda Irish
Town Manager

John Masse

John Masse
Public Works Foreman

Town of Wilton
Bid Sheet

Outright purchase price for a tandem axle wheeler \$ _____

Trade Allowance: Sterling Truck \$ _____

Less Municipal discount (if any) \$ _____

Net Municipal bid: \$ _____

ANTICIPATED DELIVERY DATE: _____

I hereby certify that the equipment I have bid can be delivered no later than specified. There shall be a \$100.00 per day penalty for each day the truck is late after the accepted delivery date. This penalty fee shall be deducted from the net bid when the truck is delivered.

I also certify that this bid has been arrived at independently without consultation, communication, or agreement as to any matter relating to the bid with any other bidder or competitor.

BIDDER SIGNATURE: _____

NAME OF DEALERSHIP: _____

DATE: _____

Truck & Equipment Specifications

1. Engine

- Diesel, EPA 2017, 450 HP @ 1700 PRM, 1700 lb.-ft Torque @ 1000 RPM, 2100 RPM Governed Speed, 450 Peak HP (Max) or equal. Shall have integrated three-stage engine brake. (With five-year engine warranty. EQUIVALENT items are permitted but must be submitted on a separate form)
- Vertical tail pipe from horizontal muffler under truck. Vertical between right door and back of cab (pillar mount). 10" Exhaust Height Max.
- Shall have screw on fuel filter with hand primer pump.

2. Chassis

- Gross vehicle weight minimum 66,000 (G.V.W).
- Heavy-duty single channel frame minimum 3.2 million RBM 120,000 PSI stress rating. Frame length and wheelbase to be determined by dump body.
- All frame fasteners shall be grade 8.

3. Axles

- Shall have set forward type front axle: {Meritor MFS-20-133A} Wide Tack, I-Beam Type, 20,000-lb. Capacity. OR equivalent
- {Meritor RT-46-164EH} Single Reduction, Standard Width, Tandem Rear axle: 46,000-lb Capacity. Or equivalent. Driver Controlled full locking differentials in forward-rear and rear-rear axle, 200-wheel ends gear ratio: 6.14.
- 4.

4. Transmission

- Automatic- Heavy duty {Allison 4500RDS} 5th generation controls, wide ration, 6 speed with double overdrive, with PTO provision, plow mode (third gear lockout), includes oil level sensor, on/off highway, stainless steel cooling lines, or equivalent.

5. Wheels

- Aluminum wheels 22.5 x 8.25 hub piloted.
- Wheel hubs shall be cast iron/steel. Aluminum not excepted.

6. Tires

- Rear- Eight (continental) 11R 22.5- Load range H on/off road application.
- Front- two (continental) 315/80R22.5, Load range L.

7. Springs

- 20,000 lb. Parabolic taper leaf, Shackle type front suspension with shock absorbers and Maintenance free rubber bushings
- Rear springs: {Hendrickson rt-46-160 46,000#r-series tandem rear} walking beam, heavy-duty 46,000 lbs. Capacity, 54" axle spacing, rubber springs, with transverse torque rods, rubber end bushings or equivalent.
- Front Auxiliary spring, air bag right side only overload for plow wing, diver control.

8. Electrical System

- 12- volt, minimum 160- amp alternator.
- Battery box frame mounted with three (3) batteries and a total of 3375 CCA.
- Turn signals, front and rear with hazard switch, and two backup floodlights addition to the backup lights in taillights.
- Standard LED lighting to meet all State and Federal Regulations. LED Lighting were applicable.

- Shall have minimum four (6) up fitted switches for all equipment electrical such as strobes, and any other added electrical.
- Full gauge packages speedometer, tachometer, oil pressure, coolant temp, voltmeter, primary/secondary air, hour meter, and transmission temp.
- All wiring shall be soldered and shrink-wrapped at all connections.

9. Cooling System

- Cooling system shall have extra cooling capacity, with a recovery tank, and drain in the bottom of radiator. Permanent red antifreeze to -40.

10. Cab

- Wide cab design for easy installation of control tower. Deluxe high-back seats with arm rests. Air suspension fully adjustable with lumbar support driver's seat. passenger seat with 18" minimum between for control tower.
- Adjustable tilt and telescoping steering column.
- Contoured hood with passive pre-cleaner for improved intake filtration.
- Butterfly-type hood
- Oil and transmission dipstick accessible from butterfly hood
- All glass to be factory tinted.
- Heater, defroster, and air conditioner to be highest output offered.
- Heated windshield with visor
- Heated wipers

11. Miscellaneous

- Front bumper.
- Two-speed windshield wipers with windshield washer and intermittent wipers.
- Air horn with cap to keep snow out.
- Manufacture's standard AM/FM radio Bluetooth required.
- OSHA approved backup alarm
- Power steering heavy duty
- Power windows.
- Mirrors: Heated, two outside rectangular 15"x 6" heated with lights. West Coast type extending to the maximum legal width. 8" convex mirrors hung under the large mirrors. Hood mounted mirrors.
- Traffic Safety reflectors
- Safety flares to conform to Maine Motor Vehicle Laws
- 10# A.B.C. fire extinguisher installed.
- Two outside grab handles, one on each side of the cab.
- Minimum eighty (80) gallon capacity fuel tank, Unpolished aluminum. End of tank shall not extend back of cab, left side mounted (Driver's side). Ten (10) gallon minimum diesel exhaust fluid. Left side mounted
- Vendor shall supply one parts book, one operator's manual, and one technical manual for each of the following electrical, mechanical, and emissions, with the unit. (A MUST)
- Pintle hook capable of 25-ton capacity of 3/4" minimum plate and v braced. Shall have 4x6 D rings for safety chains.
- Plumbed with air for trailer and 7 Pin electrical trailer connector. Glad hands shall have covers.
- Install two-way mobile radio and antenna (supplied by the town)
- Block heater
- Two back up cameras with minimum 5" color screen.
- Mounted Front and rear spar tire.
- Air dryer mounted frame rail.

- Brake dust shields front and rear.

12. Color

- Dark green cab (list options of green)
- Black dump body

13. Dump Body

- Equipment: Twins, MG or Viking Four Seasons Dump body 42" Side height, 58" Gate height, 24 cab Guard, ¼" Hardox Floor, 4" Floor Cylinders, Central Grease System, Single Acting Telescoping Hoist, cross bar Every other link, Ladder, Shovel Holder, Inside Step, Load Cover System with Tarp
- Mud flaps to be supplied on the rear of the front wheels, and front of the rear wheels.
- All required lights and reflectors should be installed after painting.
- Fully electronic load cover with controls in the cab.
- Air actuated tail gate.
- Coal chute mounted on left side of tailgate.
- Shall have six (6) recessed flush mount LED strobes on the dump body (two on the front of the dump body mounted left and right side facing forward, and two on the front left and right side of dump body, and two in the rear of body mounted with break and backup lights.)

14. Front Hitch

- Everett, Viking or H.p. power tilt front plow hitch. Pin on design permits off-season removal and minutes. Shall be heavy duty with 1 ½" hinge pins LED plow lights and directionals to be included.

15. H.D Trip reversible Snow Plow (Steel) Ram Type High Speed:

- Minimum 29-inch intake height and maximum of 51-inch discharge
- 11-foot steel one-way reversible plow with an 18-inch rubber snow deflector carbide and cover plate, and jack stand
- Heavy duty trip Springs.

16. Everest, Viking or H.p. Full Hydraulic Wing System

- Everest or Viking 12-foot steel wing with 11 foot cutting edge with a double 8-inch steel cutting edges and a spare set of push arms.

17. Reservoir

- Hydraulics shall be put on truck to be able to use all standard and requested hydraulics.
- The hydraulic oil reservoir shall be the minimum of 40-gallon capacity, fabricated from heavy duty steel sheet, and shall be equipped with a 2-inch nipple for filling and a half inch plug coupler at the bottom for draining. Suction and return shall have a nonrestrictive ball valves. Shall be mounted behind the cab.

18. Controls

- Control shall be pedestal mounted cable lever type.
- Control levers shall be mounted convenient to the driver per direction of the town.

19. Valve

- Valves shall be heavy duty and adequate to operate related equipment. Valves should be mounted vertical behind cab.

20. Pump

- The hydraulics to consist of a piston load sense pump and valves or equal. The pump must be a variable axial piston pump, swash plate design. The valves are to be stack type directional control. The hydraulic system shall make all functions hydraulically independent of each other; Meaning all functions will operate at the same time or independently. When No hydraulic functions are in use, the pump must go idle and pumping only three to four gallons a minute. There shall be a low hydraulic fuel indicator light that comes on in the cab and shut

off switch for the pump, making it possible to return to the shop for repair and eliminating burning up the hydraulic pump.

21. Hydraulic Plumbing

- Stainless steel hydridic lines should be used whenever possible with quick connects at all disconnect points.

22. Sander Control

- Should be a Rexroth CS 530 ground speed controller with prewet.
- 50-gallon head board mounted liquid tank with calcium pump