



Town of Merrimack, New Hampshire

6 Baboosic Lake Rd · Merrimack, NH 03054 · www.merrimacknh.gov

September 18, 2023

REQUEST FOR BID Wheel Loader

Bids will be received by the Town of Merrimack until 2:00 PM on Monday, October 2, 2023 to supply and deliver one wheel handler loader for the Wastewater Treatment Facility in accordance with the enclosed detailed bid specifications with the following conditions.

The bid shall be submitted on the Bid Form furnished herewith and shall exclude state and federal taxes not applicable to municipalities. The bid price shall be quoted F.O.B. Town of Merrimack Wastewater, 36 Mast Rd, Merrimack, NH 03054.

The Town reserves the right to reject any or all bids, to waive irregularities in the bids, and to accept the bid which best serves the interest of the Town.

Bids must be sealed, marked "Bid on Wheel Loader-Wastewater" and mailed or delivered to the Town of Merrimack, Finance Department, 6 Baboosic Lake Rd, Merrimack NH 03054 by the date and time specified above.

It is the bidder's responsibility to confirm the bid is received by the Finance Department by the date and time specified.

Complete descriptive literature, including warranty information shall accompany the bid.

The Town of Merrimack's Purchasing Policy is available on the Town's website: <http://www.merrimacknh.gov/finance-department/pages/bid-opportunities>; a copy may be obtained by contacting the Purchasing Agent.

For additional information contact Kelly Valluzzi, Purchasing Agent, at kvalluzzi@merrimacknh.gov or (603) 424-7075.



TOWN OF MERRIMACK, NEW HAMPSHIRE

FINANCE DEPARTMENT

6 Baboosic Lake Road
Merrimack, NH 03054

Tel: 603-424-7075
Fax: 603-424-0516

WHEEL LOADER **BID SPECIFICATIONS**

1. **General:** The intent of these specifications is to describe one new four wheel drive wheel loader. It must be greater or equal to CAT 938M, Volvo L90H, John Deere 624 P-Tier, or Komatsu WA320 high lift loader linkage and must be factory built and fully warranted. The successful bidder will be responsible for fully mounting all other components necessary to complete the unit and for delivery of the fully completed, serviced and "ready for operation" unit to the purchaser. One complete parts, operator, maintenance and repair manual for the unit provided must be furnished to the purchaser. The machine shall be a current standard model of one manufacturer, and the selling dealer shall provide factory authorized parts, service staff and facilities to service the machine, all of its components and assure its peak performance.
2. **Engine:** Engine shall be a minimum of a six cylinder, turbo-charged, after cooled diesel and deliver at least 160 Net S.A.E. horsepower at not more than 2,300 R.P.M. Piston displacement shall be at least 345 C.I.D. with a thermal starting aid. Air cleaner shall be two stage dry type. Shall be equipped with a powertrain guard, crankcase guard, and vertically mounted oil filter. Engine shall meet Tier 4 off highway emissions regulations. The radiator shall be a high air flow design.
3. **Transmission:** Shall be a power shift or hydrostatic. Both speed and directional changes shall be actuated by a single control mounted on loader joystick control lever. A standard transmission neutralizer lockout switch shall be provided.
4. **Final Drives and Axles:** Shall have planetary final drives. Both front and rear axles shall be equipped with the ability to lock front differential and conventional rear axle.
5. **Brakes:** Shall be equipped with two brakes pedals, right pedal applies brakes only, left pedal applies brakes while neutralizing the transmission. Service brakes shall be enclosed wet-disc brakes on all four wheels, hydraulically actuated. A secondary brake system shall be actuated automatically if the engine stops. A parking brake shall be standard and spring applied hydraulically released and neutralize transmission while engaged.
6. **Steering:** Articulated steering angle of +/- 38*

7. Hydraulic System: Shall be fully filtered, variable displacement/load sense design. The steering and braking system shall be independent of the implement hydraulic system. Hydraulic cycle time shall be no more than 12 seconds, measured with a rated bucket load. Shall have a two position automatic bucket/fork return to work selector, automatic lift kick-out and implement control lever effort of not more than 5 pounds. Third value hydraulics shall be provided. A hydraulic oil cooler shall be provided. Shall have a joystick to control lift and tilt functions and include a remote forward-neutral-reverse switch.
8. Linkage: Shall be Z bar design high lift linkage or Torque Parallel
9. Quick Coupler: Shall be hydraulically operated from a dash mounted switch. Be built to handle a 6.5yard materials bucket. Must include hose connections to coupler with utilization of quick coupler fittings for operation of third value hydraulics.
10. Operating Requirements:
 - a. Operating weight shall be 33,000 pounds minimum
 - b. Full turn static tipping load shall be at least 17,000 pounds.
 - c. Digging depth shall be at least four inches.
 - d. Tires shall be 20.5-25 Radial Tires.
11. Operator's Compartment:
 - a. ROPS cab shall have one door, sound suppressed and pressurized and a maximum operator sound exposure of 75db (A).
 - b. Cab door should open at least 90° and lock for use during operation.
 - c. Back-up alarm and front warning horn.
 - d. Heater, defroster and factory installed air conditioner.
 - e. Adjustable air suspension seat and retractable seat belt.
 - f. Front and rear windshield washers and wipers.
 - g. Halogen or LED working lights. Minimum of two front and two rear.
 - h. Multi-level warning system to monitor critical machine functions and alert the operator of malfunctions by a combination of audible alarms and flashing lights.
 - i. Gauges to include engine coolant temperature, hydraulic oil and transmission oil temperature, and fuel level, minimum.
 - j. 12-volt accessory plug outlet for two way radios.
 - k. Engine coolant heater, 120 volt.
12. Additional Equipment:
 - a. Heavy duty batteries.
 - b. Battery disconnect switch.
 - c. Drawbar hitch.
 - e. Lockable engine enclosures.
 - f. Hydraulic cooling fan, automatic reversing fan drive
 - g. Locking engine enclosures, fuel cap, hydraulic tank cap and locking cab.
 - h. Fuel priming pump.
 - i. Engine pre-cleaner and reverse radiator fan drive
 - j. Axle coolers
 - k. Ride control assist system for loader

- l. Heated Exterior Mirrors
 - m. Back-up alarm
13. Attachments
- a. 6.5 yard light materials bucket with quick coupler style bucket with see through spill guard. Bottom wear plates.
14. Warranty:
- a. Shall have not less than 12 months manufacturer's warranty on the complete machine to include parts and labor.
 - b. A five-year or 7,500 hour total machine warranty is required and details of this warranty shall accompany the bid.
15. Machine Availability Guarantee: In the event of a warrantable failure, the bidder shall guarantee to repair the machine to an operating condition within 72 hours from the time of arrival at the bidder's location. If the bidder cannot comply with this clause, a comparable machine will be provided at no cost, except transportation, until the repairs are completed. If no comparable machine is available by the bidder a daily rental credit payment of \$300.00 will accrue until repairs are completed. Details of this warranty shall accompany the bid.
16. Parts Availability Guarantee: If purchaser orders a new part necessary to operate the machine and bidder does not have the part available or give reasonable notice the part is available for pick-up at the store from which ordered within 72 hours, the bidder shall, upon request, furnish the part at no cost. Parts covered by this guarantee must be ordered from the bidder's parts department during normal working hours. This guarantee will not apply when parts are ordered by bidder in connection with service work in progress. Details of this guarantee shall accompany the bid.
20. Repurchase Guarantee: Guarantee as to the minimum price which the bidder agrees to repurchase the machine from the purchaser after five years or 7,500 hours, whichever occurs first. Machine is to be in good operating condition and serviced according to manufacturer's specifications.
21. Total Cost Bids shall be subject to the following provisions in addition to all the aforementioned provisions.
- Bidder shall guarantee parts and labor costs for a minimum period of five years or 7,500 hours, whichever occurs first. All parts and labor costs will be accumulated from date of delivery. Since the intent of this agreement is to cover repair costs and regular maintenance costs and not normal wear items, the purchaser assumes at its expense all costs to repair or replace all parts and supplies normally consumed in day-to-day operation.
22. Delivery: Upon delivery of equipment, a company representative shall be required to instruct all purchasers personnel on operation and daily maintenance of the equipment for a period not to exceed three (3) days, at no additional cost to the purchaser.

23. 25. Trade-in: One 2006 Caterpillar 938G, SER# CAT0938GJCRD02000. Will be offered for a trade-in allowance and can be viewed at the Merrimack Wastewater Facility, 36 Mast Rd. Please contact Derek Connell at (603) 420-1629 for arrangements to see this machine, Monday through Friday from 7:00 A.M. to 3:00 P.M.



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6 Baboosic Lake Road
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Tel: 603-424-7075
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Wheel Loader for the Wastewater Treatment Facility

BID FORM

Must be received by 2:00 PM on Monday, October 2, 2023

**One (1) New (2023) Wheel loader, according to the
Town's bid specifications, delivered \$ _____**

Make: _____

Model: _____

Operating weight: _____

**Trade-in for 2006 Caterpillar 938, Ser#CAT0938GJCRD02000
(\$ _____)**

Total bid: \$ _____

Descriptive literature and warranty information included: yes _____ no _____

Delivery will be made within ____ calendar days after receipt of the Town's related purchase order.

The above bid is provided in accordance with the Town's bid invitation dated September 18, 2023 except as indicated below.

Bidder: _____

Street Address: _____

City, State, Zip Code: _____

Phone No: _____ **Fax No:** _____

Authorized Signature: _____

Printed Name: _____ **Date:** _____

E-Mail: _____