



Town of Merrimack, New Hampshire

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

May 2, 2024

REQUEST FOR BID 2024 Skid Steer Loaders

Bids will be received by the Town of Merrimack *until 2:00 PM (local time) on Friday, May 17, 2024*, to supply and deliver two (2) 2024 Skid Steer Loaders to the Wastewater Treatment Facility, in accordance with the enclosed detailed bid specifications and following conditions.

There will be two (2) trade-in skid steer loaders available at time of delivery of the new skid steer loaders:

- 2017 Bobcat S550 – Serial# AHGM13989 – currently: 3049 hours
- 2017 Bobcat S550 – Serial# AHGM13995 – currently: 2160 hours

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 include delivery and be quoted F.O.B. Town of Merrimack, Wastewater Treatment Facility, 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 may be faxed or mailed and marked “Bid for 2024 Skid Steer Loaders”, shall include the bid form furnished, and be mailed to the Town of Merrimack Finance Department, 6 Baboosic Lake Rd, Merrimack, NH 03054 or faxed to (603) 424-0516 by the time specified above when they will be read aloud.

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

It is the bidder’s responsibility to confirm the bid is received by the Finance Department by the date and time specified. The Town of Merrimack’s Purchasing Policy is available on the Town’s website:

http://www.merrimacknh.gov/town/departments/finance/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.



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BID SPECIFICATIONS

For

Two (2) 2024 Skid Steer Loaders

2024 Caterpillar 246D3 Skid Steers

Specifications Engine Operating Specifications

Engine Model Gross Power SAE J1995 Net Power SAE 1349 Net Power ISO 9249 Peak Torque at 1,500 rpm SAE J1995 Displacement Stroke Bore

Weights

Cat C3.3B DIT (turbo)

55.4 kW 74.3 hp 54.4 kW 72.9 hp 54.9 kW 73.7 hp 265 N·m 195 lbf-ft

3.3 L 203 in³ 120 mm 4.7 in 94 mm 3.7 in

Rated Operating Capacity 1000 kg 2,200 lb Rated Operating Capacity

Dimensions*

1 Wheelbase	1249 mm	49.2 in	11 Departure Angle	26°
2 Length without Bucket	2993 mm	117.8 in	12 Bumper Overhang behind Rear Axle	1083 mm 42.6 in
3 Length with Bucket on Ground	3708 mm	146.0 in	13 Maximum Dump Angle	39°
4 Height to Top of Cab	2110 mm	83.1 in	14 Vehicle Width over Tires	1676 mm 66 in
5 Maximum Overall Height	4032 mm	158.7 in	15 Turning Radius from Center – Machine Rear	1806 mm 71.2 in
6 Bucket Pin Height at Maximum Lift	3154 mm	124.2 in	16 Turning Radius from Center – Coupler	1401 mm 55.2 in
7 Bucket Pin Height at Carry Position	200 mm	7.9 in	17 Turning Radius from Center – Bucket	2181 mm 85.9 in
8 Reach at Maximum Lift and Dump	600 mm	23.6 in	18 Maximum Reach with Arms Parallel to Ground	1388 mm 54.6 in
9 Clearance at Maximum Lift and Dump	2465 mm	97.1 in	19 Rack Back Angle at Maximum Height	96°
10 Ground Clearance	226 mm	8.9 in		

Hydraulic System

Hydraulic Flow – High Flow XPS Hydraulics - Standard: Loader Hydraulic Pressure 23 000 kPa 3,335 psi
Loader Hydraulic Flow 86 L/min 23 gal/min

Operating Weight 3392 kg 7,478 lb Hydraulic Power (calculated) 33 kW 44 hp Hydraulic Flow – High Flow XPS: Maximum Loader Hydraulic Pressure 28 000 kPa 4,061 psi

Hydraulic Coupler

Hydraulic Power (calculated) 57 kW 76 hp

Power Train

Maximum Loader Hydraulic Flow 121 L/min 32 gal/min

Travel Speed (Forward or Reverse): One Speed 12.5 km/h 7.7 mph Two Speed Option 17.7 km/h 11.0 mph

Interior

Enclosed Cab

AC/Heater/Defrost

Bluetooth Radio

Two Speed

Ride Control

Bucket

.62CY Bucket – 68” width max

Warranty

7 Year-3500 Hour Premier Warranty

Guarding

Coupler Guard (guards against material getting into the bottom of the coupler)

Debris Guard (guards against debris getting into the engine compartment and the lower frame, contains various seals and covers that are designed to cover the openings that exist between the frame/body/cab of the machine as well as a fuel strainer, a rubber front debris deflector and an exhaust stack cover)

Turbo Debris Guard (guard for turbo)

STANDARD EQUIPMENT

ELECTRICAL

- 12 volt Electrical System
- 80 ampere Alternator
- Ignition Key Start/Stop Switch
- Lights: *Gauge Backlighting, Two Rear Tail Lights, Two Rear Halogen Working Lights, Two Adjustable Front Halogen Lights, Dome Light*
- Backup Alarm
- Heavy Duty Battery, 850 CCA

OPERATOR ENVIRONMENT

- Advanced Display with Rearview Camera: *Full Color, 127 mm (5 in) LCD screen; Advanced Multi-operator Security System; On-screen Adjustments for Implement Response, Hystat Response, and Creep Control*
- Gauges: *Fuel Level, Hour Meter*
- Operator Warning System Indicators: *Air Filter Restriction, Alternator Output, Armrest Raised/Operator Out of Seat, Engine Coolant Temperature, Engine Oil Pressure, Glow Plug Activation, Hydraulic Filter Restriction, Hydraulic Oil Temperature, Park Brake Engaged, Engine Emission System*
- Adjustable Vinyl Seat
- Fold In Ergonomic Contoured Armrest
- Control Interlock System, when operator leaves seat or armrest raised: *Hydraulic System Disables, Hydrostatic Transmission Disables, Parking Brake Engages*
- ROPS Cab, Open, Tilt Up
- FOPS, Level I
- Top and Rear Windows
- Floor Mat
- Interior Rearview Mirror
- 12 volt Electric Socket
- Horn
- Hand (Dial) Throttle, Electronic
- Adjustable Joystick Controls
- Anti-theft Security System with 6-button Keypad
- Storage Compartment with Netting

POWER TRAIN

- Cat C3.3B, Turbo Diesel Engine, Meeting Tier 4 Final and Stage V Emission Standards
- Air Cleaner, Dual Element, Radial Seal
- S-O-S™ Sampling Valve, Hydraulic Oil
- Filters, Cartridge-type, Hydraulic
- Filters, Canister-type, Fuel and Water Separator
- Radiator/Hydraulic Oil Cooler (side-by-side)
- Spring Applied, Hydraulically Released Parking Brakes
- Hydrostatic Transmission
- Four Wheel Chain Drive

OTHER

- Engine Enclosure, Lockable
- Extended Life Antifreeze, -36° C (-33° F)
- Machine Tie Down Points (6)
- Support, Lift Arm
- Hydraulic Oil Level Sight Gauge
- Radiator Coolant Level Sight Gauge
- Radiator, Expansion Bottle
- Cat ToughGuard™ Hose
- Auxiliary, Hydraulics, Continuous Flow
- Heavy Duty, Flat Faced Quick Disconnects with Integrated Pressure Release
- Split D-Ring to Route Work Tool Hoses Along Side of Left Lift Arm
- Electrical Outlet, Beacon
- Belly Pan Cleanout
- Variable Speed Demand Fan
- Product Link™ PL240, Cellular

MANDATORY EQUIPMENT

- Hydraulics, Standard or **High Flow XPS**
- Quick Coupler, Mechanical or **Powered**
- High Visibility Seat Belt, 50 mm (2 in) or 75 mm (3 in)
- Power Train: One Speed, One Speed with Speed Sensitive Ride Control, Two Speed or **Two Speed with Speed Sensitive Ride Control**

PERFORMANCE PACKAGES

- Performance Package H1: *Standard Flow Hydraulics (No Self Level)*
- Performance Package H2: *Standard Flow Hydraulics, Dual Direction Electronic Self Level (Raise and Lower), Work Tool Return to Dig, Work Tool Positioner, and Electronic Snubbing (Raise and Lower)*
- Performance Package H3: *High Flow XPS, Dual Direction Electronic Self Level (Raise and Lower), Work Tool Return to Dig, Work Tool Positioner, and Electronic Snubbing (Raise and Lower)*

COMFORT PACKAGES

- Open ROPS (C0): *Static Seat (No Foot Throttle, Headliner, Heater or Door)*
- Open ROPS (C1): *Foot Throttle, Headliner, Cup Holder, and choice of Seat (Mechanical Suspension or High Back, Heated, Air Ride Seat) (No Heater or Door)*
- Enclosed ROPS with Heater (C2): *Foot Throttle, Headliner, Heater and Defroster, Side Windows, Cup Holder, Radio Ready, choice of Seat (Mechanical Suspension or High Back, Heated, Air Ride Seat) and Door (Glass or Polycarbonate)*
- Enclosed ROPS with A/C (C3): **C2 + Air Conditioner**



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Bid for 2024 Skid Steer Loaders Bid Form Due by 2:00PM Friday, May 17, 2024

Two (2) 2024 Skid Steer Loaders, according to the Town's bid specifications:

Make: _____ Model: _____ \$ _____

Warranty included: _____

Subtotal \$ _____

Estimated Trade in Value for the two (2) Skid Steer Loaders listed \$(_____)

Total Price Including Trade-Ins Values \$ _____

Detailed 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 May 2, 2024 except as indicated below:

Bidder Name: _____

Street Address: _____

City, State, Zip Code: _____

Phone No: _____ Fax No: _____

Authorized Signature: _____

Printed Name: _____ Date: _____

E-Mail: _____