

TOWN OF RICHMOND
WHEELED EXCAVATOR AND LOADER BID
4-28-22

<u>Wheeled Excavator</u>	<u>CATERPILLAR</u>	<u>UNITED FORESTRY</u>	<u>VOLVO</u>
MODEL YEAR	2022	2021	2022
MODEL	M318	Z-190W-6	EWR-150E
OPERATING HOURS	0	7	0
BID PRICE	300,900	259,524	221,900
MEET MINIMUM SPEC	YES	YES	NO
<u>TRADE IN</u>	<u>45,000</u>	<u>55,000</u>	<u>55,000</u>
NET PRICE	255,900	204,524	166,900

DEMO OPTION	NONE	NONE	NONE
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<u>Wheeled bucket Loader</u>	<u>CATERPILLAR</u>	<u>UNITED FORESTRY</u>	<u>VOLVO</u>
MODEL YEAR	2022	2023	2022
MODEL	926M	524P	L70H
OPERATING HOURS	0	0	0
BID PRICE	194,900	179,190	188,900
MEET MINIMUM SPEC	YES	YES	YES
<u>TRADE IN</u>	<u>65,000</u>	<u>74,000</u>	<u>73,000</u>
NET PRICE	129,900	105,190	115,900

Town of Richmond
Replacement of Wheeled Excavator
and Bucket Loader bid

4-1-22

INSTRUCTIONS AND CONDITIONS

Vendors are requested to submit their sealed proposals to the Town of Richmond Highway Department office 276 Thompson Road, Richmond, VT 05477 by **2:00 pm April 28, 2022**. The bids will be opened and read aloud at 2:00 pm. All bids received after 2:00 pm will not be considered.

Proposals must be submitted in a sealed envelope plainly marked: **TOWN OF RICHMOND EXCAVATOR AND LOADER BID**.

The Town of Richmond is exempt from taxes. Federal Excise Exemption Certificates will be executed upon request.

The successful vendor must provide a customary owner's service policy, manufacturer's warranty of parts and workmanship, and new equipment inspection service. Vermont registration and state inspection certificate will also be required (municipal registration).

All warranty(s) shall include transport of equipment to and from repair shop if needed at no charge to the Town.

The Town of Richmond will consider a DEMO model Wheeled Loader or Wheeled Excavator as long as the running hours are less than 400 and no older than 2021. Any DEMO model shall have the same warranty coverage as a new machine and warranty coverage shall start at receipt of equipment.

The Richmond Highway has a 2012 John Deere 524K loader and a 2005 Caterpillar M316C wheeled excavator for trade. **Contact: Pete Gosselin at (802) 434-2631** to look at these machines or for inquiries on this bid.

The first service shall be included at no cost on either NEW or DEMO machines.

The Town of Richmond reserves the right to accept any and all proposals to make an award in the best interest of the Town. The Town also reserves the right to waive any informality or technicality.

In making the award, consideration will be given to price, quality dealer proximity and service reputation. This bid could be split between two vendors to provide the best possible piece of equipment for the Town.

The vendor will return with his / her proposal an attached specification sheet with the actual sizes and capacities of the unit per specifications listed.

The successful vendor will guarantee to provide with the unit, current shop manuals, parts, electrical, and diagnostic information for the NEW or DEMO model unit. Should the successful vendor be unable to provide shop manuals at the time of delivery, the Town will retain (\$1000) from the unit price until the manuals are received. If the manuals are not received within (30) days from delivery, the Town will consider the (\$1000) a discount for the dealer being unable to provide the manuals.

Vendors are hereby notified that the Town of Richmond will accept only GAURANTEED PRICES. The proposal shall include all costs associated with the unit(s) proposed delivered and ready to perform including, but not limited to: delivery and removal of trade and new equipment, state registration, set up and full tank of fuel.

Bid #1 One new latest model 42,000# Class Wheeled Excavator

VEHICLE MINIMUM SPECIFICATIONS

Drive Train:

- All Wheel Drive
- Two speed powershift transmission with creep gear w/single rocker pedal to control both speed and direction.
- Diesel engine, net horsepower – 160, with low oil and high temperature shutdown.

- Dual tires, 10.00-20, (pneumatic) 16 ply. Solid rubber spacer rings between duals.
- Automatic engine speed control.
- Maximum travel speed shall not be less than 21 mph.
- Machine shall have a fixed rear axle and an oscillating front axle.
- Machine shall be equipped with parking brake.

Boom:

- A variable adjustable boom (VA) with a one-piece stick that has an extended length at ground level of 28' 8".
- Machine shall have a Wayne Roy type wrist (quick connect feature)
- Heavy duty 60" quick change ditching bucket and cutting edge.
- Heavy Duty 32" digging bucket with replaceable teeth.
- Machine shall have a minimum dumping height of 23' 11".

Undercarriage:

- Machine to be equipped with dozer blade on the front and two suspension stabilizers outriggers on the rear. Blade and each stabilizer work independently.

Required features:

- AM/FM Radio with Bluetooth.
- ROPS cab.
- Heavy duty heater and air conditioning.
- Front and rear window defroster.
- Front and rear window wiper with washer.
- Full instrumentation to include hour meter.
- Centralized grease points.
- Horn.
- Undercarriage lockable mounted tool box for chain and tool storage.
- Road lights, including headlights, stop and tail lights with front and rear turn signals.
- Front and rear working lights.

- Warning strobe (Whelen or approved) light mounted at roof level to be visible from 360 degrees.
- Minimum counterweight 8157#
- Joy stick controls with 2 changeable patterns
- Outside rear-view mirrors.
- Heavy duty 900 CCA batteries.
- Dozer blade with remote grease point.
- Travel speed lock.
- Quick couplers.
- Hydraulically operated thumb piped separate from wrist twist cylinder.
- Anti-vandalism feature for security.
- OSHA requires reverse alarm.
- Detailed standard warranty information sheet.
- Rubber floor mat.
- Air ride seat.
- LED work lights.
- Vendor shall offer extended warranty options and associated cost with full breakdown of coverage.

Bid #2

One new latest model 28,000# Wheeled Bucket Loader

VEHICLE MINIMUM SPECIFICATIONS

Engine:

- Six cylinder, turbocharged, charge air cooler diesel engine and shall be designed and built by the manufacturer.
- Tier 4 emissions and certified to EPA.
- Engine displacement shall be no less than 6.8 liters.
- Engine net peak power shall be no less than 152 horsepower @1800 rpm.
- Daily check points shall be accessible from one side of the machine.
- Access to engine will be from sides with side opening, full access service doors.
- Service interval for the engine oil and filter shall be 500 hours.

The electrical system shall be 24 volt with a minimum 100-amp alternator.

Cooling:

- Unit shall have proportionally controlled, hydraulically driven, 90 degree-swing-out fan standard equipment.
- The unit will have two-side access to all coolers.

Power Train:

- Unit shall have a Countershaft-Type, Power Shift transmission – 5 forward, 3 reverse gears.
- The transmission shall be electronically controlled, adaptive, with load and speed dependent shift modulation.
- Unit shall have joy stick mounted F-N-R and gear-select lever, kick-down button on hydraulic lever. Will also have quick shift feature that allows pushbutton gear changes, one at a time.
- The transmission shall be able to reach 24.8 MPH in 5th gear and 16.8 MPH in 4th gear with 20.5R25 tires.
- Tires shall be Michelin 20.5R25, 1 Star L2 SNO-PLUS or equivalent with multi-piece rims.
- Vendor shall offer extended warranty options and associated cost with full breakdown of coverage.

Axles/Brakes:

- The Loader shall have ONE brake pedal which acts as a brake neutralizer or brake function.
- The parking brake shall be automatic, spring applied, hydraulically released, driveline mounted, oil cooled, multi-disc and sealed from water, mud and dust contamination.
- The front axle shall be hydraulically actuated, disc clutch style, locking differential for maximum traction when required but with less tire wear than limited slip or no-spin differentials.
- The Loader shall have a standard hydraulic locking front with conventional rear and optional locking front and rear.
- The Loader shall have optional automatic differential lock.

Hydraulic System:

- In cab adjustable automatic return to level attachment with two savable settings.
- In cab adjustable automatic boom height kick out control.
- Unit will be provided with in-cab adjustable automatic boom return-to-carry control.
- Unit shall be equipped with either single-lever joystick or single axis fingertip electrohydraulic controls.
- Loader steering articulation angle shall be no less than 80 degrees, 40 degrees in each direction.
- Ride control, automatic with monitor adjustable speed settings.

Electrical:

- Two batteries shall be included, 24 volt, 950 CCA, with a rated reserve of 200-min.
- The unit shall have a keyless starting system with configurable security settings.
- Cab will be prewired for a rotating beacon/strobe lights.
- Unit shall be equipped with (4) front; (2) rear driving lights with guards, turn signals and flashers, stop and tail lights. All lights shall be LED type. Tail lights shall be mounted high up in the rear grill for protection from damage and better sight visibility during night time operations.
- Unit shall have digital readout for engine rpm, odometer, transmission gear/direction indicator, speedometer, hour meter, fuel level, average fuel consumption and DEF level.
- Unit shall have warning lights for: check engine, engine oil pressure, engine air restriction, battery voltage, transmission filter restriction, brake pressure, hydraulic oil filter, transmission fault, hydraulic oil temperature.

Operator Station:

- Unit shall be equipped with ROPS/FOPS level 1 protection, including A/C and heater and be multiplane isolation mounted for noise/vibration reduction.
- Dual Tilt steering wheel standard.
- The cab shall have continuous and obstructed glass from roofline to floor for visibility in tight quarters.
- Standard AM/FM Weather band (WB) with remote auxiliary port and or blue tooth capability.
- Optional premium seat with high-wide back and headrest extension. Heated and ventilated, leather/fabric cover.
- Cab shall have a minimum of 1 cup holder, 1 cup/thermos holder with strap, personal cooler holder/storage compartment for operator's manual, rubber floor mat and coat hook.
- Front and rear tires shall be covered by fenders.
- The counterweight shall be built-in.
- The unit shall be provided with a loader boom service locking bar. Dump clearance at 45 degrees at full height shall be no less than 8ft. 10 in. with 2.75 cubic yard general purpose bucket.
- Unit shall be equipped with a JRB coupler.
- Unit shall not exceed 22 feet in length including JRB coupler.
- Unit shall include a 2.75 cubic yard bucket with JRB connectivity and bolt on cutting edge.
- In cab adjustable rear-view mirrors.
- Rear view camera with a dedicated rear view display monitor.
- Engine throttle lock.

Optional configuration:

- Optional automatic reversing fan drive with monitor adjustable 20-40 minute time increments.
- Optional heated mirrors for cold weather environments.

TOWN OF RICHMOND
BID SHEET FOR
BID #1 LATEST MODEL 42,000# WHEELED EXCAVATOR

Model Year _____

Model _____

Operating Hours _____

Bid price \$ _____

Trade in price (2005 / M316C) \$ _____

Net price after trade: \$ _____

OPTIONAL DEMO MODEL WHEELED EXCAVATOR MACHINE:

Model Year _____

Model _____

Operating Hours _____

Bid Price \$ _____

Trade in price (2005 / M316C) \$ _____

Net price after trade: \$ _____

Vendor name: _____

Authorized by (print name): _____

Authorized signature and date: _____

**TOWN OF RICHMOND
BID SHEET FOR
BID #2 LATEST MODEL 28,000# WHEELED BUCKET LOADER**

Model Year _____

Model _____

Operating Hours _____

Bid price \$ _____

Trade price (2012 / 524K) \$ _____

Net price after trade \$ _____

OPTIONAL DEMO MODEL WHEELED BUCKET LOADER MACHINE:

Model Year _____

Model _____

Operating Hours _____

Bid price \$ _____

Trade price (2012 / 524K) \$ _____

Net price after trade \$ _____

Optional JRB coupler capable 10' power angle broom \$ _____

Vendor name: _____

Authorized by: (print name): _____

Authorized signature and date: _____