

**REQUEST FOR PROPOSAL #2024-046
ALL WHEEL COMPACT LOADER
ADDENDUM #1
November 28, 2023**

CLARIFICATION

The University is updating Appendix D – Equipment Specifications, as follows. Updates are highlighted below.

Appendix D – Equipment Specifications

Respondent's Organization

Name: _____

INSTRUCTIONS: Respondents shall ensure that all information required herein is submitted with the response. All information provided should be verifiable by documentation requested by the University. Failure to provide all information, inaccuracy or misstatement may be sufficient cause for rejection of the response or rescission of an award. Respondents are encouraged to provide any additional information describing operational abilities.

Mark / Check-off / Fill in each specification to indicate that feature / specification is included in vehicle quoted. Include with price sheet.

All Wheel Compact Loader

- Required Unit must be either a 2023 or 2024 model, must be new, not used.

Engine

- Required 4-cylinder, liquid cooled diesel engine.
- Required Turbocharged engine.
- Required - Minimum 70 horsepower at net peak power at 2400 rpm.

Your Unit: Net: _____ /Gross: _____

- Required Exhaust emission and noise level shall comply with the State of Maine, Federal and EPA standards,
 - Teir 4
 - Required Engine block heater.
 - Required Engine automatic shut-down for low oil pressure to prevent damage, or equal.
 - Required Engine speed to be controlled by hand lever or foot pedal
 - Required Creep control for maximum hydraulic flow.

Controls

- Required Hydraulic system.
- Magnet auxiliary forward and reverse
- 3rd function for front hydraulics

- Required Joystick hand controls.
- Minimum 2-speed (high/low) travel Your Unit:

Axles & Brakes

- Required Hydrostatic pumps driven off engine to provide pressure and flow to two fixed motors.
- Required Hydrostatic braking and spring applied.
- Required Spring released parking brake.
- Required Fully hydrostatic four-wheel drive, heavy duty design.
- Required Front axle differential to be either.
 - differential lock
- or
- limited slip
- Required Front & rear fenders.

Hydraulics

- Required Heavy duty package to handle add-on equipment (high flow)
- Required Extreme service filtration system.
- 3rd function front hydraulics
- Minimum pressure of 3,000 PSI at couplings Your Unit:

- Required Hydraulic oil cooler.
- Required Unit Hydraulics to be set up to operate all attachments listed below.
- Required Unit to be equipped with auto ride control.
- Required Couplings to be flush-face quick style compatible with skid-steer coupler (remote hydraulic activated from within cab)

Operator's Cab

- Required Air conditioning and heated cab with defroster.
- Required Hydraulic Bucket Positioning
- Required Sound reduction.
- Required Instrumentation to include all standard gauges and warning lights
- Required Backup alarm.
- Required Horn
- Required Attachment control kit.
- Required AM/FM Radio
- Required Digital hour meter.
- Required Fabric covered seat.
- Required Bluetooth microphone and speaker for cell phone connection (if available)
- Required Exterior Heated Mirrors
- Required Air Ride Seat
- Required All locks on unit shall be keyed the same as the ignition key (i.e., one (1) key for entire unit)

- Required Hydraulic bucket positioning standard.
return to dig.
- Rear backup camera, preferably factory installed if available.
- Preferred 360 view camera, factory installed if available.

Electrical System

- Required 12-volt heavy duty DC system.
- Minimum 80-amp alternator
- Electrical auxiliary on loader for attachments
- Required Maintenance free battery with
900 CCA minimum or dual batteries
greater than 900 CA Your Unit:

- Required All computer controlled functions
must have the ability to be bypassed in order
to obtain a “limp-mode” of travel or equivalent
ability to be disabled to be towed Your Unit:

Cooling System

- Required Heavy duty cooling system.

Filters

- Preferred All filters to be spin-on type Your Unit:

Operating Weight

- Minimum 13,000 lbs. standard counterweight only,
no additional counterweights allowed, rear tire
ballast included. Your Unit:

Tires

- Required Industrial 70R20 mud and snow tires –
Industrial type (not agricultural or turf) and need to be
R20 rated, size should be per the manufacturers
Recommendation, 10 ply preferred, 8 ply minimum Your Unit Ply Tire:

- Required Factory supplied spare rim and mounted tire
included with unit. Rim to be factory painted.
- Required Rear Tires to be filled with rim guard /
beet juice or equivalent for additional ballast
that will not freeze (rear tires only) Your Unit:

Bucket

- Required Standard approximately 80" bucket with bolt-on cutting edge, must be wider than the width of the tires Your Unit:
- Required 3-Ton G80 welded on lifting hook with safety latch mounted at top center of bucket

Other Equipment

- Required Shock-proof mounted headlights and work lights.
- Required 14-prong adaptor harness.
- Preferred On-board diagnostic system.

Lighting

- Required Front driving lights with working lights.
- Required Front & Rear LED Light bars with separate toggles. Must fit below the top of the cab, no lights on top.
- Required Stop taillights.
- Required Turn sign lights with 4-way flasher capability.
- Required Interior dome cab light.
- Required Strobe green and amber lights to be LED and are to be mounted in the front and rear lights. Absolutely no strobe lights on the roof. Final location to be approved by UMaine Facilities Management prior to assembly.

Loader Performance Specifications

- Minimum Bucket Breakout **10,500** lbs. Your Unit:
- Minimum Tipping Load Straight **8,900** lbs. Your Unit:
- Minimum hinge pin height **10'7"** Your Unit:

Attachments – All Attachments are Required – Most be equal to or better than listed.

- HLA Snow 3500 SnowPusher or equal
 - Required 120 inches wide.
 - Required Double Sidewall
 - Required Steel Back Drag Blade with bolted-on cutting edge.
 - Required Replaceable, Carbide Cutting Edge
 - Required Spring Trip Cutting Edge
 - Lateral Float attachment
- HLA Snow Bucket or equal
 - Required With Skid steer coupler.
 - Required 84" wide.
 - Required Bolt-on cutting.

General Requirements

- Required Manuals to be supplied with loader shall include one (1) set of the following for each component.
 - Operator manual
 - Parts manual
 - Service manual
- Required Dealer training for one (1) session for university personnel on operation of unit.
- Required Dealer training for one (1) session for university personnel on maintenance of unit.
- Required Included with unit shall be a complete set of spare belts and filters.
- Required Unit shall be delivered fully serviced, tuned up, wheels balanced and ready to go.
- The required unit shall be set up for all included attachments.
- Required all steps to assemble the loader with the above items are the responsibility of the bidder.
- Required included with the unit shall be four (4) each factory keys.
- Required all locks on the vehicle shall be keyed alike to the ignition key.
- Required standard factory warranty / Statement of warranty.
- Statement of name and address of local Authorized Service Representative
- Required two-way radio specified by the University to be installed by Atlantic Communications after delivery. Add \$1,200.00 to your Sub-total and total quote as shown in the Cost Response Form. The University will issue payment of \$1,200.00 directly to Atlantic Communications, Inc.
- Delivery of and invoice for the unit shall be after July 1, 2024, but prior to September 30, 2024.