



Administered by University of Maine System  
Office of Strategic Procurement  
Request for Bid (RFB)

University of Maine Facilities Management  
Grounds Maintenance 4WD Front End Loader  
RFB #2020-034

**Issued Date:** December 20, 2019

**Response Deadline Date/Time:** January 10, 2020 5:00 PM EST

**Response Submission Information:**

Submitted electronically to [UMSResponses@maine.edu](mailto:UMSResponses@maine.edu)  
Email Subject Line – UM FM Grounds Shop 4WD Front End Loader -  
RFB#2020-034

**Response Contact Information:**

Strategic Sourcing Manager (SSM): Ryan Ward  
Email: [UMSResponses@maine.edu](mailto:UMSResponses@maine.edu) Phone: (207) 581-3210

## Table of Contents

<b>1.0 INTRODUCTION</b> .....	3
<b>1.1 Definitions, Background, Purpose and Specifications</b> .....	3
<b>1.2 General Information</b> .....	5
<b>1.3 General Submission Provisions</b> .....	7
<b>2.0 EVALUATION AND AWARD PROCESS</b> .....	9
<b>2.1 Evaluation Criteria</b> .....	9
<b>2.2 Award</b> .....	9
<b>2.3 Negotiations</b> .....	9
<b>2.4 Award Protest</b> .....	10
<b>3.0 RESPONSE FORMAT REQUIREMENTS</b> .....	11
<b>3.1 General Format Instructions</b> .....	11
<b>3.2 Response Format Instructions</b> .....	11
<b>Appendix A – University of Maine System Response Cover Page</b> .....	13
<b>Appendix B – Debarment, Performance and Non-Collusion Certification</b> .....	15
<b>Appendix C – Required Cost Evaluation Exhibits</b> .....	16

## 1.0 INTRODUCTION

### 1.1 Definitions, Background, Purpose and Specifications

#### 1.1.1 Definitions

The University of Maine System will hereinafter be referred to as the "University." Respondents to the document shall be referred to as "Respondent(s)" or "Respondent".

The Respondent to whom the Agreement is awarded shall be referred to as the "Contractor."

The University of Maine System and other components of the University shall be referred to as "Multi-Institution".

#### 1.1.2 Background

##### Overview

Established in 1968, the University of Maine System (UMS) unites seven distinctive public universities, comprising 10 campuses and numerous centers, in the common purposes of providing quality higher education while delivering on its traditional tripartite mission of teaching, research, and public service.

Maine's largest educational enterprise, the University extends its mission as a major resource for the state, linking economic growth, the education of its people, and the application of research and scholarship.

A comprehensive public institution of higher education, UMS serves nearly 40,000 students annually and is supported by the efforts of more than 2,000 full-time and part-time faculty, more than 3,000 regular full-time and part-time staff, and a complement of part-time temporary (adjunct) faculty.

Reaching more than 500,000 people annually through educational and cultural offerings, the University of Maine System also benefits from more than two-thirds of its alumni population residing within the state; more than 123,000 individuals.

The System consists of the following seven universities: University of Maine (UM); University of Maine at Machias (UMM); University of Maine at Augusta (UMA); University of Maine at Presque Isle (UMPI); University of Maine at Farmington (UMF); University of Southern Maine (USM); and, University of Maine at Fort Kent (UMFK).

*Operating within a shared services model, the offices of Information Technology, Strategic Procurement, Human Resources, Facilities, Risk and General Services, Finance and Budget, Shared Processing Center, General Counsel and Organizational Effectiveness partner to form the University Services organization.*

*Charged with delivering key administrative functions across the System, University Services is dedicated to leveraging its significant unit and collective resources to not only serve the immediate needs of its constituents, but deliver sustainable economies and efficiencies for the future benefit of the System as well.*

## Campus thumbnails

### University of Maine

Established as a land grant college in 1865, the University of Maine is a public research university located in Orono and referred to as the flagship institution of the University of Maine System. UMaine, as it is often called, has an overall enrollment of over 11,000 students who pursue majors in ninety undergraduate disciplines, more than seventy masters' courses of study and thirty doctoral programs. Ranked 105<sup>th</sup> by the National Science Foundation among American research universities, UMaine's research faculty has an international reputation for excellence and the campus' Fogler Library is the largest in the state. Located on more than 600 acres only a few miles from Bangor, one of Maine's largest cities, the University of Maine is a major resource not only for education but economic and community development throughout the state as well.

### 1.1.3 Purpose

The **University of Maine Facilities Management Grounds Shop** is seeking responses to provide **4WD Front End Loader** as defined in this document. This document provides instructions for submitting responses, the procedure and criteria by which the Respondent(s) will be selected, and the contractual terms which will govern the relationship between the University and the awarded Respondent(s).

Respondents should review **1.1.4 Specifications / Scope of Work** of this document to see the full Scope of Services/Products required.

### 1.1.4 Specifications

Bidders shall reference Cost Response Form for full list of the University's preferred unit specifications.

## 1.2 General Information

### 1.2.1 Communication with the University

It is the responsibility of the Respondent to inquire about any requirement of this document that is not understood. Responses to inquiries, if they change or clarify the document in a substantial manner, will be forwarded by addenda to all parties that have received a copy of the document. Addenda will also be posted on our web site, [www.maine.edu/strategic/upcoming\\_bids.php](http://www.maine.edu/strategic/upcoming_bids.php)

It is the responsibility of all Respondents to check the web site before submitting a response to ensure that they have all pertinent documents. The University will not be bound by oral responses to inquiries or written responses other than addenda.

Inquiries must be made using the **Response Contact Information** provided on the cover sheet of this document. Refer to table in **Section 1.3.1 Timeline of Key Events** for deadline requirements.

### 1.2.2 Confidentiality

The University must adhere to the provisions of the Maine Freedom of Access Act (FOAA), 1 MRSA §401 et seq. As a condition of submitting a response under this section, a respondent must accept that, to the extent required by the Maine FOAA, responses to this solicitation, and any ensuing contractual documents, are considered public records and therefore are subject to freedom of access requests.

The information contained in responses submitted for the University's consideration will be held in confidence until all evaluations are concluded and a Respondent selected (the successful Respondent). At that time the University will issue award notice letters to all participating Respondents and all Respondents' responses may be made available to participating Respondents upon request. Such request must be made by submitting a written request to the individual noted in the Response Contact Information shown on the cover sheet of this document, with a copy of the request provided to the other Respondents. Such requests are public records.

After the protest period has passed and the Agreement is fully executed, responses will be available for public inspection upon request.

Pricing and other information that is an integral part of the offer cannot be considered confidential after an award has been made. The University will honor requests for confidentiality for information that meets the definition of "trade secret" under Maine law. Clearly mark any portion of your submitted materials which are entitled to "trade secret" exemption from disclosure under Maine's Freedom of Access Act. Failure to so identify as trade secret will authorize the University to conclude that no portions are so exempt; and that your entity will defend, indemnify and hold harmless the University in any and all legal actions that seek to compel the University to disclose under Maine's Freedom of Access Act some or all of your submitted materials and/or contract, if any, executed between the University and your entity.

**1.2.3 Costs of Preparation**

Respondent assumes all costs of preparation of the response and any presentations necessary to the response process.

**1.2.4 Authorization**

Any Agreement for services that will, or may, result in the expenditure by the University of \$50,000 or more must be approved in writing by the Office of Strategic Procurement, Chief Procurement Officer and it is not approved, valid or effective until such written approval is granted.

**1.2.5 Pricing**

All prices quoted shall remain firm for the 90 days from due date of the submission. Refer to **Appendix C** for specific instructions / requirements.

**1.2.6 Optional Inspection of Trade-in**

Bidders are to contact **Harold Dall at (207) 581-2646 or Bart Gallant at 581-2642** for specifications and on-site inspection for trade-in of University's 2009 John Deere 444K Loader (plate #300-577 VIN # DW444KP625892) including one spare tire and rim, 2.5-yard bucket with bolt on cutting edge, and a set of 60" forks.

**1.2.7 Cost Response Form Quantities**

The quantities shown on the cost response form are approximate only. The Contractor shall cover the actual needs of the University throughout the term of the Agreement regardless of whether they are more or less than the quantities shown.

**1.2.8 Specification Protest Process and Remedies:**

If a Respondent feels that the specifications are written in a way that limits competition, a specification protest may be sent to the Office of Strategic Procurement to the email address provided on the cover page of this document. Specification Protests will be responded to within five (5) business days of receipt. Determination of protest validity is at the sole discretion of the University. The due date of the proposal may be changed if necessary to allow consideration of the protest and issuance of any necessary addenda. Specification protests shall be presented to the University in writing as soon as identified, but no less than five (5) business days prior to the Deadline for Proposal Submission noted in Section 1.3.1. No protest against the award due to the specifications shall be considered after this deadline. Protests shall include the reason for the protest and any proposed changes to the specifications.

## 1.3 General Submission Provisions

### 1.3.1 Timeline of Key Events

Reference Section	Event Name	Event Due Date
Section 1.2.6	Optional Inspection of Trade-in	December 30 & 31, 2019, & January 2 & 3, 2020
Section 1.2.2	Deadline for Written Inquiries/Questions	January 6, 2020 End of Business
Section 1.2.2	Response to Written Inquiries/Questions	January 7, 2020 End of Business
Section 1.2.2	Deadline for Proposal Submission	January 10, 2020, 5:00 PM EST
Section 2.2	Award Announcement <b>(subject to change)</b>	January 24, 2019
	Estimated Delivery of Unit <b>(subject to change)</b>	After July 1, 2020 but prior to August 31, 2020

### 1.3.2 Eligibility to Submit Responses

Public entities, private for-profit companies, and non-profit companies and institutions are invited to submit a response to this document.

### 1.3.3 Debarment

Respondents must complete and submit the “Debarment, Performance and Non-Collusion Certification Form provided in Appendix B. Failure to provide this certification may result in the disqualification of the Respondent’s proposal, at the University’s discretion.

Submission of a signed response in response to this solicitation is certification that your firm (or any subcontractor) is not currently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from participation in this transaction by any State or Federal department or agency. Submission is also agreement that the University will be notified of any change in this status.

### 1.3.4 Response Understanding

By submitting a response, the Respondent agrees and assures that the specifications are adequate, and the Respondent accepts the terms and conditions herein. Any exceptions should be noted in your response.

### 1.3.5 Response Validity

Unless specified otherwise, all responses shall be valid for ninety (90) days from the due date of the response.

### 1.3.6 Non-Response Submission

The University will not consider non-responsive submissions, i.e., those with material deficiencies, omissions, errors or inconsistencies or that otherwise do not follow instructions. The University in its sole discretion will determine what is Non-Responsive.

### 1.3.7 Response Submission

A **SIGNED** virus-free electronic copy must be submitted as follows:

- The response must be received electronically to the E-Mail shown in the **Response Submission Information** section of the cover page of this document.
- Electronic submission must be received by the required **Response Deadline Date/Time** reflected on the cover page of this document.
- Response submissions that exceed 20 MB will be submitted with multiple emails modifying email subject line shown in the **Response Submission Information** section of the cover page of this document to include: Submission 1 of X ('X' representing the number of files being submitted).



## 2.0 EVALUATION AND AWARD PROCESS

### 2.1 Evaluation Criteria

#### 2.1.1 Scoring Weights

Award will be made to the low bidder provided that all other requirements are satisfactorily met, as outlined in Section 1.1.4 of this document. The University reserves the right to accept or reject specifications that do not meet the listed University's requested minimum specifications. The University, in its sole discretion, will determine if Bidder's specification that do not meet minimum listed will be acceptable or not. The University understands that not all specifications may be met however Bidders should, in good faith, meet as many of the specifications as possible.

The University will NOT seek a best and final offer (BAFO) from any Respondent in this procurement process. All Respondents are expected to provide their best value pricing with the submission of their response. Respondents will NOT be given another opportunity to modify pricing once submitted.

### 2.2 Award

While the University prefers a single solution that is scalable to meet the needs of both large and small institutions, it reserves the right to award Agreement(s) to one or multiple Respondents, which may include awards to Respondents for a geographical area, if such award is in the best interest of the University.

The University reserves the right to waive minor irregularities, which may include contacting the Respondent to resolve the irregularity. Scholarships, donations, or gifts to the University, will not be considered in the evaluation of responses. The University reserves the right to reject any or all responses, in whole or in part, and is not necessarily bound to accept the lowest cost response if that response is contrary to the best interests of the University. The University may cancel this request or reject any or all responses in whole or in part. Should the University determine in its sole discretion that only one Respondent is fully qualified, or that one Respondent is clearly more qualified than any other under consideration, an Agreement may be awarded to that Respondent without further action.

### 2.3 Negotiations

The University reserves the right to negotiate with the successful Respondent to finalize a contract. Such negotiations may not significantly vary the content, nature or requirements of the proposal or the University's Request for Proposals to an extent that may affect the price of goods or services requested. The University reserves the right to terminate contract negotiations with a selected respondent who submits a proposed contract significantly different from the response they submitted in response to the advertised RFB. In the event that an acceptable contract cannot be negotiated with the highest ranked Respondent, the University may withdraw its award and negotiate with the next-highest ranked Respondent, and so on, until an acceptable contract has been finalized. Alternatively, the University may cancel the RFB, at its sole discretion.

## 2.4 Award Protest

Respondents may appeal the award decision by submitting a written protest to the University of Maine System's Chief General Services Officer within five (5) business days of the date of the award notice, with a copy of the protest to the successful Respondent. The protest must contain a statement of the basis for the challenge. The protest must contain a statement of the basis for the challenge. Further information regarding the appeal process can be found at

[http://staticweb.maine.edu/wp-content/uploads/2015/07/APL\\_VII-A\\_20150630-FINAL.pdf?565a1d](http://staticweb.maine.edu/wp-content/uploads/2015/07/APL_VII-A_20150630-FINAL.pdf?565a1d)

If this RFB results in the creation of a pre-qualified or pre-approved list of vendors, then the appeal procedures mentioned above are available upon the original determination of that vendor list, but not during subsequent competitive procedures involving only the pre-qualified or pre-approved list participants.

## 3.0 RESPONSE FORMAT REQUIREMENTS

### 3.1 General Format Instructions

#### 3.1.1 Electronic Submissions

Documents submitted as part of the electronic response are to be prepared on standard electronic formats of 8-1/2" x 11" and of PDF file type. Submissions requiring additional supporting information, such as, foldouts containing charts, spreadsheets, and oversize exhibits are permissible and must be submitted as Appendices, clearly numbered and referencing the Section in which they provide supporting information.

For clarity, the Respondent's name should appear on every document page, including Appendices. Each Appendix must reference the section or subsection number to which it corresponds.

#### 3.1.2 Respondents Responsibility

It is the responsibility of the Respondent to provide all information requested in the document package at the time of submission. Failure to provide information requested in this document may, at the discretion of the University's evaluation review team, result in a lower rating for the incomplete sections and may result in the response being disqualified for consideration. Include any forms provided in the application package or reproduce those forms as closely as possible. All information should be presented in the same order and format as described in this document.

#### 3.1.3 Brief Response

Respondents are asked to be brief and to respond to each question listed in the "Response to Questions" section of this document. Number each response in the response to correspond to the relevant question in this document.

#### 3.1.4 Additional Attachments Prohibited

The Respondent may not provide additional attachments beyond those specified in the document for the purpose of extending their response. Any material exceeding the response limit will not be considered in rating the response and will not be returned. Respondents shall not include brochures or other promotional material with their response. Additional materials will not be considered part of the response and will not be evaluated.

### 3.2 Response Format Instructions

This section contains instructions for Respondents to use in preparing their response. The Respondent's submission must follow the outline used below, including the numbering of section and sub-section headings. Failure to use the outline specified in this section or to respond to all questions and instructions throughout this document may result in the response being disqualified as non-responsive or receiving a reduced score.

The University and its evaluation team for this document have sole discretion to determine whether a variance from the document specifications should result in either disqualification or reduction in scoring of a response.

Re-phrasing of the content provided in this document will, at best, be considered minimally responsive. The University seeks detailed yet succinct responses that demonstrate the Respondent's experience and ability to perform the requirements specified throughout this document.

**3.2.1 Submission Format**

Insert Appendix A – University of Maine System Response Cover Page

Insert Appendix B – Debarment, Performance and Non-Collusion Certification

Insert Appendix C – Required Cost Evaluation Exhibits

**Bidders are to submit pages 13 – 22 and any supporting documentation.**

## Appendix A – University of Maine System Response Cover Page

RFB #2020-034

### UM FM Grounds Shop 4WD Front End Loader

Organization Name:	
Chief Executive – Name/Title:	
Telephone:	
Fax:	
Email:	
Headquarters Street Address:	
Headquarters City/State/Zip:	
Lead Point of Contact for Quote – Name/Title:	
Telephone:	
Fax:	
Email:	
Street Address:	
City/State/Zip:	

1. This pricing structure contained herein will remain firm for a period of 90 days from the date and time of the quote deadline date.
2. No personnel currently employed by the University or any other University agency participated, either directly or indirectly, in any activities relating to the preparation of the Respondent's response.
3. No attempt has been made or will be made by the Respondent to induce any other person or firm to submit or not to submit a response.
4. The undersigned is authorized to enter into contractual obligations on behalf of the above-named organization.
5. By submitting a response to a Request for Proposal, bid or other offer to do business with the University your entity understands and agrees that:
  - a. The Agreement provisions in **Section 1.2.1.2** of this document will not be modified and are thereby incorporated into any agreement entered into between University and your entity; that such terms and condition shall control in the event of any conflict with such agreement; and that your entity will not propose or demand any contrary terms;
  - b. The above Agreement provisions in **Section 1.2.1.2** of this document will govern the interpretation of such agreement notwithstanding the expression of any other term and/or condition to the contrary;
  - c. Your entity agrees that the resulting Agreement will be the entire agreement between the University (including University's employees and other End Users) and Respondent and in the event that the Respondent requires terms of use agreements or other agreements, policies or understanding, whether on an order form, invoice, website, electronic, click-through, verbal or in writing, with University's employees or other End Users, such agreements shall be null, void and without effect, and the terms of the Agreement shall apply.
  - d. Your entity will identify at the time of submission which, if any, portion or your submitted materials are entitled to "trade secret" exemption from disclosure under Maine's Freedom of

**Request for Bid – UM FM Grounds Shop 4WD Front End Loader**

**Dated: December 20, 2019**

Access Act; that failure to so identify will authorize UMS to conclude that no portions are so exempt; and that your entity will defend, indemnify and hold harmless UMS in any and all legal actions that seek to compel UMS to disclose under Maine's Freedom of Access Act some or all of your submitted materials and/or contract, if any, executed between UMS and your entity.

*To the best of my knowledge all information provided in the enclosed response, both programmatic and financial, is complete and accurate at the time of submission.*

Date: \_\_\_\_\_

\_\_\_\_\_  
Name and Title (Printed)

\_\_\_\_\_  
Authorized Signature

## Appendix B – Debarment, Performance and Non-Collusion Certification

**University of Maine System**  
**DEBARMENT, PERFORMANCE and NON-COLLUSION**  
**CERTIFICATION**  
**RFB #2020-034**  
**UM FM Grounds Shop 4WD Front End Loader**

By signing this document, I certify to the best of my knowledge and belief that the aforementioned organization, its principals and any subcontractors named in this proposal:

- a. Are not presently debarred, suspended, proposed for debarment, and declared ineligible or voluntarily excluded from bidding or working on contracts issued by any governmental agency.
- b. Have not within three years of submitting the proposal for this contract been convicted of or had a civil judgment rendered against them for:
  - i. Fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a federal, state or local government transaction or contract.
  - ii. Violating Federal or State antitrust statutes or committing embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
  - iii. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or Local) with commission of any of the offenses enumerated in paragraph (b) of this certification; and
  - iv. Have not within a three (3) year period preceding this proposal had one or more federal, state or local government transactions terminated for cause or default.
- c. Have not entered into a prior understanding, agreement, or connection with any corporation, firm, or person submitting a response for the same materials, supplies, equipment, or services and this proposal is in all respects fair and without collusion or fraud. The above mentioned entities understand and agree that collusive bidding is a violation of state and federal law and can result in fines, prison sentences, and civil damage awards.

**Failure to provide this certification may result in the disqualification of the Respondent's proposal, at the University's discretion.**

Date: \_\_\_\_\_

\_\_\_\_\_  
Name and Title (Printed)

\_\_\_\_\_  
Authorized Signature

## Appendix C – Required Cost Evaluation Exhibits

University of Maine System  
COST EVALUATION

**RFB #2020-034**  
**UM FM Grounds Shop 4WD Front End Loader**

### GENERAL INSTRUCTIONS:

1. The Respondent must submit a cost response that covers the entire period of the Agreement, including any optional renewal periods.
2. The cost response shall include the costs necessary for the Respondent to fully comply with the Agreement terms and conditions and requirements. **Note regarding total cost of ownership:** This “cost” will encompass the entire solution pricing along with all products and services offered as part of the solution.
3. Failure to provide the requested information and to follow the required cost response format provided in Appendix C may result in the exclusion of the Response from consideration, at the discretion of the University. You can add rows and columns required to insert additional information. If a particular cost table is not required as part of your response simply leave it blank.
4. No costs related to the preparation of the Response for this document or to the negotiation of the Agreement with the University may be included in the Response. Only costs to be incurred after the Agreement effective date that are specifically related to the implementation or operation of contracted services may be included.
5. Identify all costs by year, to be charged for performing the services necessary to accomplish the objectives of this document.
6. If there are additional options or services that are not included in the offering, they must be identified and itemized as “optional” and include a description of the product or service and the costs of the option. All items identified in the response (including third party items required) will be considered free add-ons to the proposed solution at the prices included in this response unless expressly stated otherwise.
7. Respondents’ are encouraged to provide additional price incentives for providing an enterprise solution, multi-year or award of multiple institutions.
8. Pricing will be guaranteed by the vendor for the term of the Agreement.
9. The University will NOT seek a best and final offer (BAFO) from any Respondent in this procurement process. All Respondents are expected to provide their best value pricing with the submission of their response. Respondents will NOT be given another opportunity to modify pricing once submitted.



**INSTRUCTIONS FOR – Exhibit 1** - Bidders are to mark / check-off each specification to indicate that the 4WD Front End Loader included in bid meets specification. If specification does not meet minimum bidder is required to indicate the unit specification. Bidders are required to provide additional documentation to support specification for the 4WD Front End Loader and any/all other attachments. The University reserves the right to accept or reject specifications that do not meet the listed University’s requested minimum specifications. **The University, in its sole discretion, will determine if Bidder’s specification that do not meet minimum listed will be acceptable or not. The University understands that not all specifications may be met however Bidders should, in good faith, meet as many of the specifications as possible.**

**4WD Front Loader Specifications**

- Must be a new unit model year 2019, 2020 or 2021 Your Unit: \_\_\_\_\_
- Unit shall have a minimum SAE operating weight of 23,000 lbs. Your Unit: \_\_\_\_\_
- Maximum counterweight at rear of unit Your Unit: \_\_\_\_\_
- Z-bar linkage system with “bucket float” and “auto return to dig” modes.
- Auxiliary hydraulic lines to be plumbed to the boom cross tube.
- Hydraulic tank sight gage.
- Unit shall be supplied with counterweights and center rear pin connector for towing.
- Engine to be a 4 cylinder diesel with turbocharger.
  - The unit shall have a minimum Horsepower of 130 HP. Your Unit: \_\_\_\_\_
  - Tier 4.
  - Direct injection.
  - 110V Engine block heater. Your Unit: \_\_\_\_\_
  - Cold start aid.
  - Diesel liquid exhaust system.
  - Automatic shutoff for engine protection in case of low oil pressure.
- Minimum 50 gallon fuel tank Your Unit: \_\_\_\_\_
- 4-speed forward and 3-speed reverse transmission, not hydrostatic drive
- 4-wheel drive
- Differential lock/limited slip on front and conventional rear.
- Single pedal foot throttle
- Heavy duty inboard or outboard planetary

- gear system on front and rear axles                      Your Unit: \_\_\_\_\_
- The unit shall have 17.5 x 25 radial mud and snow rated tires, Michelin brand only
- Rear tires to be loaded with Rim Guard (beet juice) weight
- Unit must have factory assembled rims and tires, not aftermarket
- 12 / 24 volt electrical system with minimum 2 each heavy duty 800CCA maintenance free batteries. Your Unit: \_\_\_\_\_
- Master electric disconnect switch at batteries.
- Minimum 65 amp alternator                                      Your Unit: \_\_\_\_\_
- The unit shall have both front and rear wheel fenders
- All fenders and steps to be fully Line-X coated black
- The unit shall have ride control function

Cooling System

- Heavy duty design and construction with ample capacity for continuous high engine output under extreme temperatures and/or operating conditions
- Heavy duty metallic radiator guard
- Hydraulic driven fan that reverses for cleaning
- All bolted metal construction
- 90 degree swing out radiator (Optional)                      Your Unit: \_\_\_\_\_

Cab Specs

- Cab shall be a sound suppressed R.O.P.S. cab that meets all applicable Federal, State and OSAH regulatory requirements.
- Dash instruments shall include:
  - Tachometer
  - Speedometer
  - Oil Temperature
  - Oil Pressure
  - Water Temperature
  - Amp Meter
  - Fuel Gage
- 12 volt in-cab plug in adaptor auxiliary power outlet
- USB outlet, 2.0 amp minimum                                      Your Unit: \_\_\_\_\_

- 24 to 12 volt (20 amp minimum) converter for 2-way radio attachment. Your Unit: \_\_\_\_\_
- Engine hour meter
- Backup alarm
- Backup color camera system
- Factory installed AM/FM Radio with factory installed speaker
- Bluetooth system for connecting to cell phones for hands free operation
- Electric horn
- Key start (not push button start)
- Rubber floor mat
- Sun visor
- Interior mirror
- Tilt steering wheel
- Exterior heated mirrors
- Defroster / heater / air conditioner with overhead cooling
- Heavy duty 2-speed front and rear window wipers with variable time delay
- Front and rear window washer systems.
- The air ride seat shall be adjustable with cloth material
- Door activated interior dome light.
- The cab shall have at least four front and four rear high intensity working LED lights
- The unit shall have two front and two rear LED strobe lights mounted in the light pockets. Exact location to be determined at time of order by UMaine.
- Fluid film rustproofing on the underside of the unit
- Fire extinguisher excluded
- Unit shall be equipped with a single joystick to control the bucket and boom with one hand

Miscellaneous

- All oil reservoirs to have drain ports for oil testing.
- Locking fuel cap to be included
- Any computer controlled function must have the ability to be bypassed in order to obtain a “Limp Home” mode of travel.

- Auto engaging parking break when unit is shut down with key.
- Factory safety locks for articulating and boom joints to be included.
- Hydraulic system shall have a 4-function valve with push button controls to run the following attachments:
  - Bucket
  - V-plow (4-function – scoop, V, left angle, right angle)
  - Box Plow
- Unit shall be supplied with a cab controlled hydraulically actuated JRB adaptor/coupler to attach and detach to all University of Maine existing attachments.
- All filters and lube point shall be from ground level
- All pressurized filters to be spin-on type
- One (1) spare factory rim and tire to be included with unit, NOT to be filled with beet juice
- Included in the bid shall be one complete set of spare filters (air, oil, hydraulic and fuel)
- Included in the bid shall be one complete set of spare belts
- Manuals shall include one (1) set of the following (preferably on CD):
  - Operator Manual
  - Maintenance and repair manual
  - Line chart
  - Parts manual
- Mounted, lockable tool box (optional but preferred).
- (Optional price) Battery jump start receptacle.
- (Optional price) Group drain ports for engine oil, engine cooling and hydraulic oil.

**Attachment Specifications**

General Purpose Bucket

- Minimum 2.5 CUYD
- Suitable for gravel
- Bolt-on cutting edge
- Fully primed and painted

Your Unit: \_\_\_\_\_

- Ability for hydraulic quick-connect
- JRB coupler on bucket

Snow Plow

- 12' Avalanche model 500 with floating receiver
- 44" tall
- JRB coupler installed at factory
- Plow reinforcing rib to accommodate JRB coupler
- Painted dark grey
- Segmented spring loaded steel trip edges
- Steel self-leveling side shoes
- (Optional but preferred) Carbide cutting edge.

Forks

- Rated for 19,700 lbs. minimum
- 60" long forks
- JRB coupler connection
- Include hydraulic fork placement function
- Include factory 96" long with 6" x 6" construction fork extensions, fork extensions to pin onto the forks. Fork extensions able to slide over existing forks with the ability to handle large and odd shaped loads.

**General Requirements**

- Included in the bid shall be minimum 1 hour training for operators and 1 hour basic maintenance training for mechanics.
- Unit shall be delivered to UMaine fully serviced, fluids full and ready to go.
- All steps to assemble the unit with the above items are the responsibility of the bidder.
- Statement of warranty.
- Statement of name and address of local Authorized Service Representative.
- Unit to be picked up and returned to the University by the winning bidder for any and all warranty work as necessary that cannot be performed on site.

- Statement of backup machine options and availability if this unit is out of service for more than three days for a warranty repair under the warranty term. Backup unit must be equal or larger and shall be available at no charge, including delivery and pickup, during the warranty term.
- Statement of trade-in value for the University's 2009 John Deere 444K Loader (plate #300-577 VIN # DW444KP625892) including one spare tire and rim, 2.5-yard bucket with bolt on cutting edge, and a set of 60" forks. Please contact Harold Dall at 581-2646 or Bart Gallant at 581-2642 for specifications and an on-site inspection.

Delivery of and invoice for the unit shall be after July 1, 2020 but prior to July 31, 2020.

**Pricing shall include all costs to assemble the 4WD Front End Loader delivered to the University of Maine and shall include any/all training as needed. Provide supporting documentation of the 4WD Front End Loader and all attachments for the University to utilize to confirm that the 4WD Front End Loader meets specifications.**

4WD Front End Loader, make, model & Year: \_\_\_\_\_

Purchase Price of 4WD Front End Loader: \$ \_\_\_\_\_

Minus Trade-in Value of 2009 John Deere 444K: \$ \_\_\_\_\_

Plus 2-way Radio installed by Atlantic Communications paid by University: \$784.00

Net Purchase Price of 4WD Front End Loader  
Minus Trade-in Value delivered to the  
University of Maine (Orono): \$ \_\_\_\_\_