



Administered by University of Maine System  
Office of Strategic Procurement  
Request for Proposal (RFP)

University of Maine Facilities Management

4WD Backhoe

RFP #038-19

**Issued Date:** December 5, 2018

**Response Deadline Date/Time:** December 20, 2018, End of  
business

**Response Submission Information:**

Submitted electronically to: [roger.ward@maine.edu](mailto:roger.ward@maine.edu)

Email Subject Line: **UM FM Backhoe- RFP#038-19**

**Response Contact Information:**

Strategic Sourcing Manager (SSM): Ryan Ward

Email: [roger.ward@maine.edu](mailto:roger.ward@maine.edu) Phone: (207) 581-3210

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## 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** is seeking responses to provide **4WD Backhoe** 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 / Scope of Work

The University seeks a new model year 2019 or 2020 4WD Backhoe as specified in **Appendix F – Unit Specifications / Description**. Unit is to be delivered after July 2, 2019 and prior to August 30, 2019.

## 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 provided shall remain firm for 90 days from due date of submission as indicated in Section 1.3.1 Timeline of Key Events.

### **1.2.6 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.

### **1.2.7 Employees**

The Contractor shall employ only competent and satisfactory personnel and shall provide a sufficient number of employees to perform the required services efficiently and in a manner satisfactory to the University. If the Agreement Administrator or designee, notifies the Contractor in writing that any person employed on this Agreement is incompetent, disorderly, or otherwise unsatisfactory, such person shall not again be employed in the execution of this Agreement without the prior written consent of the Agreement Administrator.

## 1.3 General Submission Provisions

### 1.3.1 Timeline of Key Events

Reference Section	Event Name	Event Due Date
Section 1.3.7	Optional Inspection of Trade-in	<b>December 10 &amp; 11, 2018 between 8am – 2pm</b>
Section 1.2.2	Deadline for Written Inquiries/Questions	<b>December 12, 2018 End of Business</b>
Section 1.2.2	Response to Written Inquiries/Questions	<b>December 14, 2018 End of Business</b>
Section 1.2.2	Deadline for Proposal Submission	<b>December 20, 2018 End of Business</b>
Section 2.2	Award Announcement ( <b>subject to change</b> )	<b>January 11, 2019</b>
	Delivery Date of Unit	<b>After July 2, 2019 and before August 30, 2019</b>

### 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 Optional Inspection of Trade-in**

Bidders are to contact **Bart Gallant at 581-2642** for specifications and an on-site inspection of trade-in value for UMaine unit # 300-257 (2005 John Deere Loader 310, 4WD with extendable hoe). Bidders are required to call in advance to schedule a time at the availability of the University. Trade-in will only be available for on-site inspection **December 10 & 11, 2018 between the hours of 8:00 am and 2:00 pm.**

**1.3.8 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

The score will be based on a 100 point scale and will measure the degree to which each response meets the following criteria:

Evaluation Appendices	Category	Points
Appendix C	Cost Evaluation	50
Appendix D & E	Organization, Qualifications, Experience and References	10
Appendix F	Unit Specifications / Description	40
<b>Total Points</b>		<b>100</b>

#### 2.1.2 Scoring Section Descriptions

##### 2.1.2.1 Cost Evaluation

The total cost proposed for conducting all the functions specified in this document will be assigned a score according to a mathematical formula. The lowest cost response will be awarded the total points. Responses with higher cost response values will be awarded proportionately fewer points calculated in comparison with the lowest cost response.

The scoring formula is:

(Lowest submitted cost response / cost of response being scored) x **50 Points** = pro-rated score

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.

##### 2.1.2.2 Organization, Qualifications, Experience and References

The evaluation team will use a consensus approach to evaluate and assign evaluation points. Reference checks will be performed on the top Respondent(s) only as determined by consensus scoring in the other categories.

##### 2.1.2.3 Unit Specifications / Description

The evaluation team will use a consensus approach to evaluate and assign evaluation points.

### 2.2 Award

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 RFP.

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 RFP, 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 Procurement 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 RFP 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. 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.

**Respondents are to submit the following:**

- **Appendix A – Cover Page**
- **Appendix B – Debarment, Performance and Non-Collusion Certification**
- **Appendix C – Cost Response Exhibit 1**
- **Appendix D – Organization Reference Form**
- **Answers to Appendix E – Evaluation Question(s)**
- **Appendix F – Unit Specification / Description**

**Respondents are to submit pages 12 – 23 plus supporting documentation**

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

**RFP #038-19**  
**University of Maine Facilities Management**  
**4WD Backhoe**

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 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

#### RFP #038-19 University of Maine Facilities Management 4WD Backhoe

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

**RFP #038-19**  
**University of Maine Facilities Management**  
**4WD Backhoe**

### **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.

## Cost Response Exhibit 1

This Section is worth 50 of 100 points

### Instructions:

Pricing listed shall include, but not limited to, the unit as described in **Appendix F – Unit Specification / Description**, delivery of the unit to the University of Maine, Orono after July 2, 2019 fully serviced and ready to go, training, all steps to assemble the unit, warranties as described in **Appendix E**, administrative cost, etc. Pricing shall be held firm for 90 days from the submission due date.

Make, Model & Year: \_\_\_\_\_

4WD Backhoe: \$ \_\_\_\_\_

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

**TOTAL 4WD Backhoe, fully  
Equipped, delivered to the  
University:** \$ \_\_\_\_\_

Optional Pricing – include pricing for a thumb, fully installed.



## Appendix D – Organization Reference Form

**Respondent's Organization Name:** \_\_\_\_\_

**INSTRUCTIONS:** Provide a minimum of three (3) current professional references who may be contacted for verification of the Respondent's professional qualifications to meet the requirements set forth herein. We strongly prefer references from higher education institutions similar in size and requirements to the University of Maine System, including those with multi-campus integrated solutions.

We request that the references include one long-standing customer (minimum of 3 year engagement) and one new customer (one who has been engaged with Respondent for less than one year).

REFERENCE #1	
Institution/Company Name	
Contact Name	
Contact Title	
Contact Phone Number	
Contact eMail Address	
Relationship Length	

REFERENCE #2	
Institution/Company Name	
Contact Name	
Contact Title	
Contact Phone Number	
Contact eMail Address	
Relationship Length	

REFERENCE #3	
Institution/Company Name	
Contact Name	
Contact Title	
Contact Phone Number	
Contact eMail Address	
Relationship Length	

REFERENCE #4	
Institution/Company Name	
Contact Name	
Contact Title	
Contact Phone Number	
Contact eMail Address	
Relationship Length	

## Appendix E – Evaluation Question(s) - Organization, Qualifications and Experience

This section is worth 10 of 100 points

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.

### Evaluation Question(s)

1. Provide a statement describing your company to include name, number of employees, locations, number of years in business, number of years offering/supporting the equipment in your submission.
2. Provide a statement describing who / where will service the unit and / or perform any repairs as needed. Include in your statement parts availability for the unit.
3. Provide a statement describing orientation and training that will be provided to the University upon delivery of the unit.
4. Provide a statement describing, in detail, all applicable warranties for the unit and all attachment(s).

## Appendix F – Unit Specification / Description

This section is worth 40 of 100 points

Respondent's Organization Name: \_\_\_\_\_

All Respondents are required to complete Appendix F. The University has provided a list of specifications. Respondents are to provide detailed information for scoring, at the University's sole discretion, of the Respondent's unit in comparison to the University's specifications. **All Respondents are required to attach detailed specifications informational documentation of item(s) submitted.**

University's Requested Specification	Meets Spec? Yes/No	Respondent's Specification
New unit, model year 2019 or 2020		
4 Wheel Drive Rubber Tire Front End Loader with backhoe		
Operating weight 17,500 lbs. with a 1,250 lb. front counterweight		
Backhoe to have extendable dipper stick		
Engine, diesel with turbocharger <ol style="list-style-type: none"> <li>1) 85 HP</li> <li>2) Tier 4</li> <li>3) Direct injection</li> <li>4) 110V Engine Block heater</li> <li>5) Cold Start aid</li> <li>6) Diesel liquid exhaust system</li> <li>7) Electronic throttle that automatically throttles up the engine when work begins and idles down when work stops</li> </ol>		
12V Electrical System – <ol style="list-style-type: none"> <li>1) Dual 12V heavy-duty maintenance free batteries with a minimum of 950 CCA each</li> <li>2) Emergency disconnect switches on the batteries</li> <li>3) Minimum 120 Amp Alternator</li> </ol>		
Cooling System to be heavy-duty design for continuous duty high engine load operation in extreme temperatures		
Heavy-duty metallic radiator guard		
Flip open front hood		

Rear Fenders only		
<p>Tires – heavy-duty industrial with aggressive tread for snow and mud service and construction terrain.</p> <ol style="list-style-type: none"> <li>1) 12-ply front &amp; rear, sized as recommended by the manufacturer</li> <li>2) Rear tires to be loaded with beet juice, rim guard or other equivalent (Calcium shall NOT be used)</li> <li>3) Factory assembled and painted rims, not aftermarket</li> <li>4) One (1) Spare tire &amp; factory rim that is factory painted for the front</li> <li>5) One (1) Spare tire &amp; factor rim that is factory painted for the rear</li> </ol>		
Computer System bypass mode for limp home in case of computer failure		
Filters to be spin on type		
Filters and lube points at ground level		
Power shift torque converter drive with fully synchronized transmission		
4 Forward and 4 reverse gears		
Electric forward and reverse		
Clutch disconnect button on both shift lever and loader control lever		
Torque converter cooled and filter		
Hydrostatic power steering with emergency manual mode in case of hydrostatic failure		
Foot activated brakes, hydraulically operated self-adjusting power wet disc, two suspended brake pedals that can be locked together or operated separately		
Brakes fully enclosed to be protected from the elements		
Hand operated parking brake, separate from the service brakes		
<p>SAE Hydraulics</p> <ol style="list-style-type: none"> <li>1) Equipped with heavy duty package capable of being expanded with remotes</li> </ol>		

<ul style="list-style-type: none"> <li>2) Extreme service filtration with spin on filters</li> <li>3) Ride control suspension for road control capability</li> <li>4) Tandem gear hydraulic pump with open center system</li> <li>5) Hydraulic tank level sight gauge</li> </ul>		
<p>Heavy-duty axles and differential</p> <ul style="list-style-type: none"> <li>1) 4-wheel drive</li> <li>2) Rear differential lock</li> <li>3) Drive lines protected with heavy duty cover shield</li> </ul>		
<p>Operating Cab</p> <ul style="list-style-type: none"> <li>1) Sound suppressed ROPS cab</li> <li>2) Rearview mirrors internally &amp; externally</li> <li>3) External mirrors heated</li> <li>4) Heavy-duty intermitted front &amp; rear window wipers with variable time delay</li> <li>5) Front window washing systems</li> <li>6) Fabric covered air ride suspension seat that is multi adjustable swing around seat with seatbelt and two arm rests</li> <li>7) Cab heater with defroster</li> <li>8) Cab air conditioner</li> <li>9) One piece rubber floor mat</li> <li>10) Illuminated instrument panel             <ul style="list-style-type: none"> <li>A) Hour Meter</li> <li>B) Tachometer</li> <li>C) Coolant temperature</li> <li>D) Oil pressure</li> <li>E) Ammeter or voltmeter</li> <li>F) Torque converter temperature gauge</li> <li>G) Fuel gauge</li> </ul> </li> <li>11) Automatic low oil pressure / high temperature warning system, operational only when the ignition switch is on</li> <li>12) Dome light with independent on/off switch and door activated</li> <li>13) Sun visor on front windshield and rear window</li> <li>14) Interior air circulation fan</li> <li>15) Minimum 1 each accessory power outlet</li> <li>16) Minimum 1 each USB 2.0 amp power outlet</li> <li>17) Factory AM/FM Radio</li> <li>18) Factory fuses and wiring for UMaine 2-way radio</li> <li>19) Adjustable tilt steering wheel</li> <li>20) Tinted safety glass</li> <li>21) Doors on right and left of cab</li> </ul>		

<p>22) Rear glass to open 23) Suspended brake &amp; accelerator pedals</p>		
<p>Bucket 1.25 cubic yard 1) Bolt on cutting edge 2) Rated for gravel duty 3) Fully primed and painted 4) Self-leveling 5) Return to dig function 6) Single lever control for lift and tilt 7) One each 3-ton weld on lifting hook mounted on the top center of the bucket</p>		
<p>Backhoe 1) Pilot control wrist wrist hand or thumb operated control for extend-a-hoe with an in-cab pattern changer to accommodate both SAE and ISO control patterns 2) Quick coupler bucket attachment system 3) One each 24" heavy duty bucket with replicable shanks and teeth, factory quick coupler and a 3-ton weld on lifting hook mounted on the top rear center of the bucket 4) One each 36" heavy duty bucket with replicable shanks and teeth, factory quick coupler and a 3-ton weld on lifting hook mounted on the top rear center of the bucket 5) One each 48" heavy duty cleanup bucket with bolt on cutting edge and factory quick coupler 6) Reversible stabilizer pads 7) Digging depth with boom 14 feet 8) Lifting capacity 4,000 lbs. 9) Stabilizer cylinder guards 10) Hydraulically operated attachment coupler on backhoe 11) Backhoe thumb (installed)</p>		
<p>Lights 1) Four front mounted shockproof LED driving / work lights 2) Four rear mounted shockproof LED work lights 3) Directional signals 4) Stop and hazard lights 5) Two front and two rear LED strobe lights mounted in light pockets. Location to be determined by University at time of order</p>		
<p>Electrical devices to be de-energized when the key ignition switch is turned off</p>		

Backup alarm		
Horn with front and rear button		
Fire extinguisher to be excluded		
Standard UMaine Kenwood 2-way radio and antenna provided, installed and programmed with UMaine Grounds Shop Frequency, installed by Atlantic Communications and paid direct to Atlantic by the University		
General Requirements 1) One complete set of spare filters (air, oil, hydraulic and fuel) 2) One complete set of spare belts 3) One complete set of Manuals A) Preferably on CD B) Operator Manual C) Maintenance & repair manual D) Line chart E) Parts manual		
Mounted, lockable and weather proof tool box		
Battery jump start receptacle		
No asbestos components		
1 hour of training for operators and 1 hour basic maintenance training for mechanics		