



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

University of Maine Facilities Management
Packer Truck
RFP #2023-008

Issued Date: July 26, 2022

Response Deadline Date/Time: August 12, 2022, 5:00 PM EST

Response Submission Information:

Submitted electronically to UMSResponses@maine.edu
Email Subject Line – DH, UM FM Packer Truck - RFP #2023-008

Response Contact Information:

Strategic Sourcing Manager (SSM): Derek Houtman
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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 105th 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 **Packer Truck** 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 **2022 or 2023 Packer Truck** as specified in **Appendix E – Unit Specifications / Description**. The truck shall be delivered fully serviced, tuned up, fully fueled, wheels balanced and ready to go. All steps to assemble the truck with the listed items in **Appendix E** are the responsibility of the Respondent. Unit is preferred to be delivered Delivery of and invoice for the unit shall be after July 1, 2023 but prior to October 1, 2023.

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

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 the 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.

1.2.8 Environment Compliance

In the event that the resulting Agreement involves the generation, transportation, handling, disposal, and/or other operations or activities in relation to toxic, hazardous, radioactive, or otherwise dangerous gases, vapors, fumes, acids, alkali's, chemicals, wastes or contaminants and/or other substance, material or condition, the Contractor agrees to indemnify save harmless and defend the University from and against all liabilities, claims, damages, forfeitures, suits, and the costs and expenses incident thereto (including costs of defense, settlement and reasonable attorney's fees) which the University may hereafter incur as a result of death or bodily injuries or damage to any property, contamination of or adverse effects of the environment or any violation of state or federal regulations or laws (including without limitation the Resources Conservation and Recovery Act, the Hazardous Material Transportation Act or the Superfund Amendment and Reauthorization Act, as the same now exists or may hereafter be amended) or order based on or arising in whole or in part from the Contractor's performance under the Agreement, provided, however the Contractor shall not indemnify the University for any liabilities, claims, damages, (as set forth above) caused by or arising out of the sole negligence of the University, or arising out of any area of responsibility not attributable to Contractor.

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	August 2, 2022 Between 8am – 2pm
Section 1.2.2	Deadline for Written Inquiries/Questions	August 3rd, 2022 End of Business Day
Section 1.2.2	Response to Written Inquiries/Questions	August 5th, 2022 End of Business Day
Section 1.2.2	Deadline for Proposal Submission	August 12th, 2022 5:00 PM EST
Section 2.2	Award Announcement (subject to change)	August 26th, 2022 End of Business Day
	Preferred Delivery Date of Unit	Delivery of and invoice for the unit shall be <u>after July 1, 2023 but prior to October 1, 2023.</u>

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 **Dan Smith at 207-944-9925** for specifications and an on-site inspection of trade-in value for **UMaine packer truck #300-066**. Respondents are required to call in advance to schedule a time for inspection at the availability of the University. **Trade-in inspection will only be available August 2nd, 2022 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).

EVALUATION AND AWARD PROCESS

1.4 Evaluation Criteria

1.4.1 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 E	Unit Specifications / Description	40
Total Points		100

1.4.2 Scoring Section Descriptions

1.4.2.1 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:

$(\text{Lowest submitted cost response} / \text{cost of response being scored}) \times 50 \text{ Points} = \text{pro-rated score}$

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.

1.4.2.2 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.

1.4.2.3 Unit Specifications / Description

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

1.5 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.

1.6 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.

1.7 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. 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

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.

2.0 RESPONSE FORMAT REQUIREMENTS

2.1 General Format Instructions

2.1.1 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.

2.1.2 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.

2.1.3 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.

2.1.4 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.

2.2 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.

Respondents are to submit the following:

- **Appendix A – Cover Page**
- **Appendix B – Debarment, Performance and Non-Collusion Certification**
- **Appendix C – Cost Response Exhibit 1**
- **Answers to Appendix D – Evaluation Questions**
- **Appendix E – Unit Specification / Description**

Respondents are to submit pages 12 – 22 plus supporting documentation

Appendix A – University of Maine System Response Cover Page

RFP #2023-008

University of Maine Facilities Management Packer Truck

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 #2023-008
University of Maine Facilities Management Packer Truck

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 #2023-008
University of Maine Facilities Management Packer Truck

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. 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.
6. Respondents' are encouraged to provide additional price incentives for providing an enterprise solution, multi-year or award of multiple institutions.
7. Pricing will be guaranteed by the vendor for the term of the Agreement.
8. 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 total points

Instructions:

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

Make, Model & Year: _____

Net Purchase Price of Truck including all required attachments: \$ _____

Two (2) Way Radio installed by Atlantic Communications
Inc. after delivery to the University \$ 1,200.00

Sub-Total - Unit plus Attachments: \$ _____

Trade-in Value of UMaine Truck #300-066: \$ _____

**Net Price of New Packer Truck minus trade-in value
Plus ALL Attachments Delivered to the
University of Maine (Orono) AFTER July 1, 2023
But prior to September 1, 2023:** \$ _____

The University reserves the right to decline Bidder's trade-in offer.

QUOTES VALID FOR 90 DAYS

Appendix E – Unit Specification / Description

All Respondents are required to complete Appendix E. The University has provided a list of specifications. The University will only accept bids meeting required and minimum specifications. Mark / Check-off / Fill in each specification to indicate that feature / specification is included in vehicle quoted. Include with price sheet.

6-Wheel Cab & Chassis with Pusher Axle Specifications

- Must be a new unit either model year 2022 or 2023
- Heavy duty 6-wheel cab and chassis with a GVW of no less than 33,000 lbs.
- Truck to be painted white
- Dura bright aluminum wheel rims.
- Rear wheels to be spaced at a minimum of 2”.
- Rear axle to be 23,000 lb. minimum.
- 20,000 lb. minimum pusher axle with tires and Dura bright rims.
- Pusher tires shall be 14-ply 255/70/R22.5
- Rear suspension to be air ride and to be rated for 26,000 lbs. minimum.
- Front axle to be rated for 10,000 lb. minimum.
- Set back axle on front to facilitate tighter turning radius.
- Two factory tow hooks to be installed on front of truck
- Front shocks included.
- Conventional Day Cab wheelbase to be a minimum of 138” and shall meet the packer assembly needs.
- Chassis must accommodate the packer unit and all necessary packer support items.
- 6-cylinder Detroit Diesel Engine
 - Glow Plugs
 - Wet sleeve
 - Turbocharged
 - Minimum 350 HP
 - Magnetic oil drain plug
 - All filters are to be spin-on type (except air filters)
 - Compression brake included

- Cooling fan shall have a thermo-viscous clutch.
- The exhaust system shall be chrome, vertically mounted, extend above the cab and shall include the safety guard. Horizontal runs of the exhaust system shall not sit above the frame.
- Allison 3000-series automatic 6-speed transmission with PTO output, magnetic oil drain plug, oil cooler system and equipped with Shift Energy Management Low Range Torque Protection (SEM/LRTP). Auto-neutral when maxi-brakes are applied.
- Dual axle air brakes with ABS, Meritor disc brakes on all wheels, front, rear, and pusher axle.
- Minimum 60 gallon fuel tank with step(s) mounted on the driver's side of the truck and shall extend beyond the rear of the cab to provide more spacing behind front wheel.
- Shut off valve shall be mounted at the fuel outlet.
- One-piece heavy duty reinforced heat treated high tensile steel straight channel frame with minimum 110,000 PSI yield strength. This frame must be supplied from the factory, not retrofitted at the dealer.
- 3-piece wrap around front bumper.
- Tilt steering wheel.
- Passenger side running board with non-skid grating and three equally spaced steps for ease of entry.
- Rear axle to have magnetic drain plug
- Differential lock
- Drive line shall be heavy duty and factory balanced.
- Heavy duty power steering.
- Tires shall be as follows:
 - Front: 11R x 22.5 14-ply tubeless all-season standard radial
 - Rear: 11R x 22.5 16-ply tubeless traction mud & snow rated
 - Spare: one (1) each rear tire and front/pusher tire mounted on hubs and balanced
- Wheel hubs to be 10-bolt cast iron on front and rear.
- Air dryer with heater
- Air drain valves shall be equipped with remote pull cables
- 12-volt electrical system with a minimum 160-amp charging system/alternator.
- Two (2) each 12-volt maintenance free batteries.
- Master battery disconnect switch mounted inside the cab on driver's side seat on floor.

- Backup lights on the packer unit.
- Factory front fog lights.

Cab specs:

- Standard cab marker lights
- All lights shall be LED type
- All exterior mirrors are to be heated and power adjustable
- Power windows both sides of cab with activation switches located in each door
- Switches in cab to be illuminated rocker 6-pack type
- Air conditioning
- Heavy duty intermittent delay windshield wipers
- Cab grab handles on both sides of truck for cab entry
- Insulated rubber floor mats plus a removable floor mat on each side.
- 3-point lap/shoulder seat belts
- Driver's seat shall be an air suspension cloth high back seat with adjustable lumbar and right side arm rest.
- Passenger seat shall be air suspension cloth low back with arm rest on left side and under-seat storage.
- Heavy duty aluminum under body lockable storage box with bottom hinge, top lock with cable supports.
- Dash instruments shall be gages and shall include:
 - Tachometer
 - Speedometer
 - Oil Temperature
 - Oil Pressure gage
 - Low oil pressure light or alarm
 - Water Temperature
 - Transmission Temperature Gage
 - Volt Meter
 - Fuel Gage
 - Air Gage
 - Brake warning light

- Low air pressure alarm
- Engine hour meter
- Pusher axle air pressure Gage
- Backup alarm
- AM/FM Radio with installed speaker
- Bluetooth telephone connection for hands free calling
- Air and electric horn
- Defroster / heater
- Cab mounted fire extinguisher is excluded from this specification
- Vertical single exhaust system preferred
- Manuals shall include one (1) set of the following:
 - Operator Manual
 - Maintenance and repair manual
 - Line chart
 - Parts manual

Hydraulic System

- The hydraulic system shall operate the packer unit.
- The hydraulic pump shall run off from the transmission.
- Hydraulic tank can be mounted on either the passenger or the driver's side of the truck frame and shall have a 110 volt tank heater, a level sight gage, temperature gage and a shut-off valve.

20 Yard Rear Load Packer Unit Specifications

- Prefer HEIL brand.
- Smooth sided.
- 3.0 CUYD hopper.
- Right side lever controls.
- In addition to the cab power take off switch, a secondary remote power take off switch shall be installed and located on the right side rear of the packer unit.
- 15,000 LB capacity hydraulic reeving system with clevis slip hook with safety latch.
- Container guards and latches.
- Left side access door with ladder for access.

- Regenerative valve.
- All surfaces to be fully primed per manufacture’s recommendation and painted white inside and outside with Imron brand Industrial Strength polyurethane paint.
- Centrally located grease lubrication system to service all required lubrication points on rear of truck and the entire packer including the reeving cylinder and sheaves. This shall be located such that it can be easily accessed while a person is standing upright on the ground.
- Hot shift PTO with adaptor flange.
- Commercial direct mount cast iron roller bearing pump.
- Electronically operated throttle advance.
- 3-micron in-tank return line oil filter.
- Low pour point hydraulic oil.
- Suction line shut-off valve.
- Tailgate raised warning device.
- Tailgate maintenance support props.
- Two FMVSS #108 LED safety light package / Peterson Smart strobe lights.
- Two LED strobe lights in front panel.
- Half-Fender
- Safety vision rear view camera with 5-year warranty and advance replacement.
- Bayne BTL-1110 cart tipper with dust cover.
- HEIL Chassis Electrical Requirements:

CHASSIS INFORMATION	FMVSS SIGNALS AT BACK OF CAB INSIDE THE FRAME RAIL	COMMON INTERFACE	SEPARATE TURN & BRAKE SIGNALS	MULTIPLE PROGRAMING FROM CHASSIS MANUFACTURER	NOTES
MACK MR/LR	CONTROL LINK – SALES CODE M110003 FOR MR. B830030 FOR LR	CONTROL LINK II – SALES CODE M110003 FOR MR. B830030 FOR LR	STANDARD	N/A	M110003 GETS UPRIGHT CENTER PANEL. WORK BRAKE CODE – 3KAA1X; COLLER TUBE RELOCATION CODE – PTR_PKP
FREIGHTLINER	RP170 ; 33U-012	RP170 ; 33U-012	STANDARD RP170 ; 33U-012	N/A	
INTERNATIONAL	ORDER CODE: 08HAB	N/A	N/A	N/A	
PETERBILT CONVENTIONAL CAB	STANDARD	214-0150 THROTTLE AT FIREWALL	STANDARD	N/A	
KENSWORTH	REQUIRES OPTIONAL BODY CONNECTOR	REQUIRES OPTIONAL REMOTE PTO HARNESS	ORDER CODE: 9072022	N/A	

- Fully assembled and installed by bidder.

Warranty Requirements for Truck Coverage

- 7 years / 150,000 miles
- Front Suspension
- Rear Suspension
- Air Intake System
- Ignition system
- Charging System
- Cranking System
- Charge Air Cooler
- Climate Control
- Cooling
- Drive Shafts
- Braking Systems
- Wiring
- Fuel System
- Steering
- Exhaust System
- ATS/Emissions
- Supplemental Information Devices
- Cab & Hood
- Instruments & Gauges

General Requirements

- 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.
- Required Unit shall be setup for all included attachments
- Required all steps to assemble the truck with the above items are the responsibility of the bidder.

- Required included with the unit shall be four (4) each factory keys.
- Required standard factory warranty / Statement of warranty for unit and any/all attachments.
- Statement of name and address of local Authorized Service Representative
- Statement of trade-in value for UMaine truck #300-066 Please contact Dan Smith at 581-3076 for specifications and an on-site inspection.
- 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 \$784.00 directly to Atlantic Communications, Inc.
- Delivery of and invoice for the unit shall be after July 1, 2023 but prior to October 1, 2023.