



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

University of Maine Facilities Management
Grounds Shop
Tandem Axle Dump/Plow Truck
RFP #2022-050

Issued Date: January 6, 2022

Response Deadline Date/Time: January 27, 2022 5:00 PM EST

Response Submission Information:

Submitted electronically to UMSResponses@maine.edu
Email Subject Line – RRW, UM FM Tandem Axle Dump/Plow Truck - RFP
#2022-050

Response Contact Information:

Strategic Sourcing Manager (SSM): Ryan Ward
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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 **Tandem Axle Dump/Plow 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 Tandem Axle Dump/Plow 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 prior to November 1, 2022.

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	January 11th & 12th, 2022 Between 8am – 2pm
Section 1.2.2	Deadline for Written Inquiries/Questions	January 14th, 2022 End of Business Day
Section 1.2.2	Response to Written Inquiries/Questions	January 19th, 2022 End of Business Day
Section 1.2.2	Deadline for Proposal Submission	January 27th, 2022 5:00 PM EST
Section 2.2	Award Announcement (subject to change)	February 4th, 2022 End of Business Day
	Preferred Delivery Date of Unit	Before November 1st, 2022

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 207-949-0565** for specifications and an on-site inspection of trade-in value for **UMaine truck #300-520, 2012 International 7400SFA Dump/Plow Truck, and VIN #2FZHAWDC27AX59905**. 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 January 11th & 12th, 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 #2022-050
University of Maine Facilities Management Grounds Shop
Tandem Axle Dump/Plow 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 #2022-050
University of Maine Facilities Management Grounds Shop
Tandem Axle Dump/Plow 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 #2022-050
University of Maine Facilities Management Grounds Shop
Tandem Axle Dump/Plow 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: _____

Tandem Axle Dump/Plow Truck
(Fully Equipped): \$ _____

Minus Trade-in Value of UMaine
Truck #300-520 - \$ _____

**TOTAL Tandem Axle Dump/Plow
Truck, Fully Equipped, Delivered
To the University of Maine:** \$ _____

Appendix E – Unit Specification / Description

All Respondents are required to complete Appendix E. 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 the item(s) submitted. For specifications that are an exact match to the University's specification a simple Yes in the center column is sufficient. For specifications that are less than OR more than the University's listed specification indicate what that is in the right column under Respondent's Specification.

Tandem Axle Dump/Plow Truck		
University's Requested Specification	Meets Spec? Yes/No	Respondent's Specification
<i>Truck Specifications</i>		
Must be a new unit, either model year 2021, 2022 or 2023		
Truck to be painted red and wheel rims to be painted white		
Hendrickson 46K Haulmaxx HMX-54 rear axle with shock absorbers and brake dust shields (or equal or better)		
Front axle to be set-back type for tighter turning radius with front shock absorbers		
Front left spring to be 9,500# rated, no air bag with brake dust shield		
Front tires to be Goodyear F12R225-16ply standard radial		
Rear tires to be Goodyear R11R225-16ply radial mud and snow rated		
Minimum 58,000# GVWR		
24" integrated front frame extension for mounting snow plow rigging		
Wheelbase shall be 120" from cab to center of tandem axle and be sufficient to accept a 12 CUYD capacity, 13 foot long minimum side dump left front discharge spreader body. Chassis must also accommodate plow rigging		
Diesel Engine <ul style="list-style-type: none"> • Glow Plugs • Minimum 350 HP • Magnetic oil drain plug 		

<ul style="list-style-type: none"> • Preferred all filters are to be screw-on type • Electronic governor • Equipped with a minimum 1,500 watt, 110 volt engine block heater with spring operated lid mounted on the front of the truck 		
Allison 3000-series automatic 5-speed transmission with magnetic oil drain plug and oil cooler system (or equal or better)		
Electronic transmission data access connector to be mounted on firewall		
Minimum 50 gallon aluminum fuel tank with stainless steel tank straps		
Heavy duty single frame		
Semi-trailer connections		
Break-away valve to be mounted on rear cross member in such a way to prevent interference with lights or license plate		
Hand control trolley valve shall be mounted either on the steering column or dashboard		
The trailer air supply valve shall be mounted on the dashboard		
7-way semi-trailer round peg socket shall be mounted on the rear cross member		
Must be fully compatible with and capable of hauling an Interstate Model 40DLA trailer without any further modifications or additions		
OEM front bumper shall be provided with delivery of the truck		
Tilt Steering wheel preferred		
Vertical exhaust with heat shield behind cab on right hand (passenger) side of truck		
Frame, under cab and undercarriage components shall be fully coated with Valuguard wax and undercoating rustproofing system (NO Fluidfilm)		
4-way locking differential		
Rear axle to be 46,000# with automatic brake rear slack adjusters		
Rear axles to have magnetic drain plugs		

Heavy duty power steering with 4-quart reservoir suitable for snow plowing service		
Dual steering gear boxes		
Air brakes with aluminum air tanks		
Air dryer with heater		
Air drain valves shall be equipped with remote pull cables		
Hood to tilt forward with a factory-installed side access panel for safe and easy daily inspections. This panel must be located on the oil fill side of the engine		
Snow damper door to protect engine compartment intake while plowing		
12-volt electrical system with a minimum 160-amp charging system		
12-volt electrical system with minimum 160-amp charging system		
Emergency positive lead electrical disconnect mounted in the cab within reach of the driver's seat		
Factory 7' long wiring harness extension at rear of truck to power auxiliary lights on dump body		
Factory wiring for marker light switch integral with headlight switch and single connector and switch for snow plow lights, low beams off with high beams for connection of plow rigging to truck.		
Backup lights on chassis		
<p>Cab Specs:</p> <ul style="list-style-type: none"> • Standard cab marker lights • All exterior mirrors are to be heated and power adjustable • Right hand door shall have an unheated down view mirror • Heated windshield • Power windows • Switches in cab to be illuminated rocker 6-pack type • Air conditioning • 2-Speed delay windshield wipers • Cab grab handles for cab entry • Floor mats • 3-point lap/shoulder seat belts • Driver Seat - Air suspension high back seat with adjustable lumbar 		

<p>with arm rest on both sides, if available</p> <ul style="list-style-type: none"> • Passenger Seat – Match Driver Seat • Dash instruments shall include: <ul style="list-style-type: none"> ○ Tachometer ○ Speedometer ○ Oil Temperature ○ Oil Pressure ○ Water Temperature ○ Volt Meter ○ Amp Meter ○ Fuel Gage ○ Air Gage ○ Brake warning light ○ Low air pressure alarm ○ Engine hour meter • Backup alarm • AM/FM Radio with installed speaker and with hands free Bluetooth and microphone • Air and electric horn • Defroster / heater • Cab mounted fire extinguisher is excluded from this specification 		
<p>Manuals shall include one (1) set of the following:</p> <ul style="list-style-type: none"> • Operator Manual • Maintenance and repair manual • Parts manual 		
<p>The hydraulic system shall operate the sander, dump body, plow and wing systems.</p>		
<p>The hydraulic pump shall be a tandem system and run off from the engine crankshaft as direct drive at the front of the engine. The pump shall have two stages – one stage will supply the plow, wing and body hydraulics and the other stage will supply the sander control.</p>		
<p>Hydraulic tank to be mounted on truck frame and have a level sight gage and a shut-off valve</p>		
<p>Hydraulic controller shall be a Cirus Controls EZ Spread 3-channel controller mounted in cab on the control tower.</p> <ul style="list-style-type: none"> • First channel to run the feed • Second channel to run the spinner • Third channel to run the liquid system 		
<p>4 sets of factory keys with door remotes</p>		
<p>Plastic Fender Kit to cover dual wheels on both sides</p>		

<i>Dump Body Specifications</i>		
Minimum 12 - 14 CUYD capacity, 13 foot long minimum side dump combination dump and sander with front spreader		
3/16 th Corten steel construction		
Dump body to be painted black		
Heated dump body		
¼" Hardex floor		
Double-acting telescopic lift cylinders on the sander body		
Heavy duty bed chain with grease chain adjusters		
Centrally located lubrication system to service all required lubrication points on rear of truck		
Steel channel iron sideboards, flat side out		
Inside corner steel step with traction safety serrations on inside of dump body on driver's side		
Ladder with fold-down extension on driver's side		
Cab shield headboard		
Air tailgate		
Mud flaps in front of and behind the tandem axles. The rear flaps are to be mounted under and separate from the dump body such that they swing independent of the dump body.		
4 LED strobe lights mounted in the rear of the dump body (a upper left, a lower left, a upper right, and a lower right orientation) All strobe lights to be Buyers Amber / Green 6" oval (Model # SL66A6). Primed and painted black		
LED Stop and turning lights in the rear post		
LED Sander lights		
2 LED Amber / Green Strobe lights mounted on the front of the cab shield and one LED strobe light mounted on each		

side of the cab shield. Lights shall be single style Buyers Product Oval light box models LB383. Exact mounting location to be specified at time of bid award		
Bed floor indicator light to indicate raised bed		
Safety kick-out cable (if available)		
Donovan Bullet 7000 electric load cover (or equal or better)		
Liquid calcium system mounted on frame <ul style="list-style-type: none"> • Minimum 50-gallon poly tank with shutoff valve and filter, tank mounted with filler port on driver side of truck frame • In-cab activated from the EZ Spread controller • Minimum 150 PSI working pressure on the spray system 		
Plow Specifications		
Power tilt front plow hitch to include a remote lever to control the hydraulic cylinder for ease of plow attachment		
Fisher High-intensity headlights with blinkers		
Front wing post not to exceed 72" in height		
Front post to be an 8" I-Beam and the rear post to be a 10" I-Beam		
11' steel wing with 10' bolt-on carbide cutting edge and curb shoe		
11' Reversible steel plow with bolt-on carbide cutting edge with curb shoes on each side		
Push frame to be heavy duty hydraulic double ram with cushion valve		
Plows to be primed and painted black		
Tandem gear hydraulic pump		
In-cab cable operated controls. Unit must be adjustable for different size operators.		
LED Wing light		

<i>Pintle Hook System Specifications</i>		
¾" pintle plate with 30-ton swivel style pintle hitch preferred with D-rings		
Pintle shall be mounted 29" above ground level		
Glad handles to be mounted on the left and right hand sides of the frame		
Stop, reverse, and directional LED lights to be mounted in the back plate cutouts such that the lenses are flush with the back plate surface		
Single pole socket to be mounted on the right hand side of the pintle plate for auxiliary power to trailer ramps		
<i>General Requirements</i>		
All steps to assemble the truck with the above items are the responsibility of the bidder		
Unit, plow and dump body shall be delivered fully serviced, tuned up, wheels balanced and ready to go.		
Painted steel front bumper to be delivered with truck when delivered to UMaine.		
All locks on the vehicle shall be keyed alike to the ignition key.		
Statement of warranty.		
Statement of warranty for truck and dump body		
Valid temporary plates		