



Administered by  
**UNIVERSITY OF MAINE SYSTEM**  
Office of Strategic Procurement

**REQUEST FOR BIDS**

**SINGLE AXLE DUMP/PLOW TRUCK**  
**University of Maine**

**RFB # 14-12**

ISSUE DATE:  
December 2, 2011

BIDS MUST BE RECEIVED BY:  
December 21, 2011, 2:00 pm

DELIVER BIDS TO:

University of Maine System  
Office of Strategic Procurement  
Attn: Hal Wells  
16 Central Street  
Bangor, ME 04401

## SECTION ONE

### 1.0 GENERAL INFORMATION:

- 1.1 Purpose: The University of Maine System, acting through the University of Maine is seeking bids for one (1) new, unused, 2011 or 2012 model year, single axle dump/plow truck that meets or exceeds industry standards associated with heavy-duty equipment. Specifications and bid information are listed in Section 3.0.

The University desires to trade in one vehicle toward this purchase. Details are provided in Section 3.0.

- 1.2 Definition of Parties: The University of Maine will hereinafter be referred to as the "University." Respondents to the Request for Bids (RFB) shall be referred to as "Bidder(s)" or "bidder(s)". The Bidder to whom the contract is awarded shall be referred to as the "Contractor."
- 1.3 Evaluation Criteria: Award will be made to the low bidder provided that the specifications in Section 3.0 are met or exceeded. If no bidder meets or exceeds all of the specifications then the University will, in its sole discretion, weigh the cost/benefit of the equipment offered against the exceptions. In addition, consideration will be given to the trade-in allowance offered and the bidder's ability to provide local or on-site service.
- 1.4 Award: The University reserves the right to conduct any tests it may deem advisable and to make all evaluations. The University reserves the right to reject any or all bids, in whole or in part and is not necessarily bound to accept the lowest bid if that bid is contrary to the best interests of the University. The University reserves the right to waive minor irregularities. Scholarships, donations, or gifts to the University will not be considered in the evaluation of bids. A bid may be rejected if it is in any way incomplete or irregular. When there are tie bids, there shall be a preference for "in-state bidders". When tie bids are both in-state or both out-of-state, the award will be made to the bid that arrives **first** at the Office of Strategic Procurement.
- 1.5 Award Protest: Bidders may appeal the award decision by submitting a written protest to the University of Maine System's Director of Strategic Procurement within five (5) business days of the date of the award notice, with a copy of the protest to the successful bidder. The protest must contain a statement of the basis for the challenge.
- 1.6 Communication with the University: It is the responsibility of the bidder to inquire about any requirement of this RFB that is not understood. Responses to inquiries, if they change or clarify the RFB in a substantial manner, will be forwarded by addenda to all parties that have received a copy of the RFB. Addenda will also be posted on our web site, [www.maine.edu/strategic/upcoming\\_bids.php](http://www.maine.edu/strategic/upcoming_bids.php). The University will not be bound by oral responses to inquiries or written responses other than addenda.

Inquiries must be made to: Hal Wells  
Office of Strategic Procurement  
University of Maine System  
16 Central Street  
Bangor, Maine 04401  
(207) 973-3302  
hcwells@maine.edu

- 1.7 Submission: A **SIGNED** original and three (3) copies of the bid must be received at the Office of Strategic Procurement, University of Maine System, 16 Central Street, Bangor, Maine

04401, in a sealed envelope no later than **2:00 P.M. local time, Wednesday, December 21, 2011**, for a public opening. The bid must be date/time stamped by the Office of Strategic Procurement in order to be considered. Bidders are strongly encouraged to submit bids in advance of the due date/time to avoid the possibility of missing the 2:00 deadline due to unforeseen circumstances. Bidders assume the risk of the methods of dispatch chosen. The University assumes no responsibility for delays caused by any package or mail delivery service. A postmark on or before the due date WILL NOT substitute for receipt of bid. In the event of suspended University operations, the bid opening will be rescheduled for the next business day at the same time and location. Bidders may wish to check <http://www.maine.edu/alerts/> to determine if University operations have been suspended. Bids received after the due date and time will be returned unopened. Additional time will not be granted to any single bidder, however, additional time may be granted to all bidders when the University determines that circumstances require it. **FAXED OR E-MAIL BIDS WILL NOT BE ACCEPTED.**

- 1.8 Bid Envelope: The signed bid should be returned in an envelope or package, sealed and identified as follows:

From _____	December 21, 2011	2:00 p.m. EST	RFB 14-12
Name	Due Date	Time	Bid No.

- 1.9 Bid Understanding: By submitting a bid, the bidder agrees and assures that the specifications are adequate, and the bidder accepts the terms and conditions herein. Any exceptions should be noted in your response.
- 1.10 Costs of Preparation: Bidder assumes all costs of preparation of the bid and any presentations necessary to the bidding process.
- 1.11 Debarment: Submission of a signed bid 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.
- 1.12 Bid Validity: Unless specified otherwise, all bids shall be valid for sixty (60) days from the due date of the bid.
- 1.13 Errors: Bids may be withdrawn or amended by bidders at any time prior to the bid opening. After the bid opening, bids may not be amended. If a significant mistake has been made by an apparent low bidder, the bidder will be given the option of selling at the price given or withdrawing the bid. If an extension error has been made, the unit price will prevail.
- 1.14 Specification Protest Process and Remedies: If a bidder feels that the specifications are written in a way that limits competition, a specification protest may be sent to the Office of Strategic Procurement. Specification Protests will be responded to within five (5) business days of receipt. Determination of protest validity is at the sole discretion of the University. The due date of the bid may be changed if necessary to allow consideration of the protest and issuance of any necessary addenda. Specification protests shall be presented to the University in writing as soon as identified, but no less than five (5) business days prior to the bid opening date and time. No protest against the award due to the specifications shall be considered after this deadline. Protests shall include the reason for the protest and any proposed changes to the specifications. Protests should be delivered to the Office of Strategic Procurement in sealed envelopes, clearly marked as follows:

SPECIFICATION PROTEST, RFB #14-12

## SECTION TWO

### 2.0 GENERAL TERMS AND CONDITIONS:

- 2.1 **Delivery and Delivery Notification:** Delivery shall be to the University of Maine, 5765 Service Building, Orono, Maine 04469. The Contractor shall notify Michael Hambrock, at The University of Maine's Motor Pool, telephone 207-581-2645 at least twenty-four hours prior to delivery to confirm receiving hours.
- 2.2 **Transportation Charges:** Quotations must include F.O.B. Destination. Prices quoted will be considered to include all charges for transportation, packaging, crates, containers, insurance, duty and brokerage charges, etc. necessary to complete deliver on an F.O.B. Destination basis.
- 2.3 **Clarification of Responsibilities:** If the Contractor needs clarification of or deviation from the terms of the Contract, it is the Contractor's responsibility to obtain written clarification or approval from June Baldacci, Director of Purchasing & Resource Efficiency, 207-581-2689.
- 2.4 **Application for Title:** Application for title must be provided to the University at the time of delivery. The owner of record on the title application shall be: The University of Maine System, 16 Central Street, Bangor, Maine 04401. The legal residence on the vehicle registration shall be listed as University of Maine, 5765 Service Building, Orono, Maine 04469.
- 2.5 **Contract Validity:** In the event one or more clauses of the Contract are declared invalid, void, unenforceable or illegal, that shall not affect the validity of the remaining portions of the Contract.
- 2.6 **Non-Waiver of Defaults:** Any failure of the University to enforce or require the strict keeping and performance of any of the terms and conditions of this Contract shall not constitute a waiver of such terms, conditions, or rights.
- 2.7 **Litigation:** This Contract and the rights and obligations of the parties hereunder shall be governed by and construed in accordance with the laws of the State of Maine without reference to its conflicts of laws principles. The Contractor agrees that any litigation, action or proceeding arising out of this Contract, shall be instituted in a state court located in the State of Maine.
- 2.8 **Assignment:** Neither party of the Contract shall assign the Contract without the prior written consent of the other, nor shall the Contractor assign any money due or to become due without the prior written consent of the University.
- 2.9 **Smoking Policy:** The University of Maine is a tobacco-free campus. This policy applies to faculty, staff, students, contractors, vendors and visitors. The use of tobacco and all smoking products is not permitted on any university-owned property, which includes but is not limited to buildings, university grounds, parking areas, walkways, recreational and sporting facilities and university-owned vehicles. Tobacco use by definition includes the possession of any lighted tobacco products, or the use of any type of smokeless tobacco.
- 2.10 **Payment:** Payment will be upon submittal of an invoice to the address provided on the purchase order on a Net 30 basis unless discount terms are offered with the bid document. Invoices must include the purchase order number. The University is using several, preferred methods of payment: PCard (Visa); Bank of America's ePayables and PayMode electronic payment systems. Please indicate your ability to accept payment via any or all of these methods.

## SECTION THREE

### 3.0 SPECIFICATIONS AND BID FORM:

#### **BIDDERS SHALL COMPLY WITH / COMPLETE THIS PAGE AND THE FOLLOWING NINE PAGES**

- 3.1 Provide bid information on the following form and note exceptions to the specifications in the marked column. Additional information including exceptions or alternate specifications may be provided on a separate sheet and shall be marked with the corresponding item letter and/or number. The specifications shown on the form below are the University's MINIMUM required specifications.

NOTE: Where the University has entered "SPECIFY" or "REQUIRED – SPECIFY" in the "Required/Preferred" column bidders are required to state if their product meets the minimum specifications or exceeds the minimum specifications. For example at A2 the minimum specification is 36,000#. Bidders shall provide the GVW for the vehicle that they are offering. At B1 the minimum specification is for a wheelbase sufficient to accept a 7-9 yard rear dump discharge spreader body. Bidders shall provide the wheelbase of the vehicle offered.

- 3.2 All equipment offered shall be new, unused, 2011 or 2012 model year, and equipped to meet or exceed current industry and federal safety standards associated with heavy-duty equipment.
- 3.3 Submit the latest printed specifications and advertising literature on the proposed equipment with your bid response.
- 3.4 Indicate your ability to accept electronic payments. (Section 2.10)

**BID FORM**

BIDDER'S NAME: \_\_\_\_\_

Item	Specifications for Single Axle Dump/Plow Truck	Required/ Preferred	Complies		DESCRIPTION OR EXCEPTIONS
			Yes	No	
<b>A</b>	<b>General</b>				
1	Must be new unit, either model year 2011 or 2012	Required			
2	Heavy duty 6-wheel cab and chassis with a GVW of no less than 36,000#	Required – Specify GVW			
3	Truck to be painted red and wheel rims to be painted white	Required			
4	Tilt steering wheel	Preferred			
5	Minimum 70-gallon fuel tank mounted on the left hand side of the truck. Shall not extend beyond rear of cab.	Specify			
6	Shut-off valve shall be mounted at the fuel outlet.	Required			
<b>B</b>	<b>Chassis</b>				
1	Wheelbase shall be of sufficient length to accept a 7-9 yard rear dump discharge spreader body	Required - specify			
2	Rear axle ratio shall be minimum of 5.63:1	Specify			
3	Rear leaf springs to be 25,000# minimum rated	Specify			
4	Front axle to be rated for 18,000# minimum	Specify			
5	Rear axle to be 23,000# minimum with locking differential	Specify			
6	Chassis must accommodate all plow rigging	Required			
7	Rear axle to have magnetic drain plug	Required			
8	Right hand side of front axle to be equipped with a dash-activated air bag canister to assist with wing loading	Required			
9	Backup lights on chassis	Required			
10	Drive line shall be heavy duty and factory balanced	Required			
<b>C</b>	<b>Automatic Transmission</b>				
1	Allison 3000-series automatic 5-speed transmission with magnetic oil drain plug and oil cooler system	Required – provide warranty			

Item	Specifications for Single Axle Dump/Plow Truck	Required/ Preferred	Complies Yes	No	DESCRIPTION OR EXCEPTIONS
<b>D Brakes</b>					
1	Dual air brakes with ABS	Required			
2	Air dryer with heater	Required			
3	Air drain valves shall be equipped with remote pull cables	Required			
<b>E Engine</b>					
1	4 cylinder diesel engine	Required			
2	Minimum 275 HP	Specify			
3	Turbocharged	Required			
4	Glow plugs	Required			
5	Wet sleeve	Required			
6	Magnetic oil drain plug	Required			
7	All filters are to be spin-on type	Required			
8	Electronic governor	Required			
9	Equipped with a minimum 1500 watt, 110 volt engine block heater with spring operated lid mounted on front of truck	Specify			
10	Cooling systems shall be heavy duty with space provided under the radiator for PTO shaft.	Required			
11	Cooling fan shall have a thermo-viscous clutch	Required			
12	Exhaust system shall be vertically mounted, extend above the cab and shall include the safety guard	Required			
13	Heavy duty power steering suitable for snow plowing service with replacement filter and large capacity reservoir	Required			
<b>F Electrical</b>					
1	12-volt electrical system with a minimum 135-amp charging system	Required – Specify			
2	Three (3) each 12-volt maintenance-free batteries	Required			
3	Master battery disconnect switch mounted on the battery box	Required			
<b>G Cab</b>					
1	Standard cab marker lights	Required			
2	All lights shall be LED type	Required			
3	Unit to be equipped with an auxiliary wiring harness 3' long for front headlights and turn signals for the plow headgear	Required			

Item	Specifications for Single Axle Dump/Plow Truck	Required/ Preferred	Complies		DESCRIPTION OR EXCEPTIONS
			Yes	No	
4	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.	Required			
5	All exterior mirrors are to be heated and power adjustable	Required			
6	Power windows	Required			
7	Switches in cab to be illuminated rocker 6-pack type	Required			
8	Air conditioning	Required			
9	Heavy duty variable speed delay windshield wipers	Required			
10	Cab grab handles for cab entry	Required			
11	Insulated rubber floor mats	Required			
12	3-point lap/shoulder seat belts	Required			
13	Air suspension high back seat with adjustable lumbar support	Required			
14	Dash instruments: tachometer, speedometer, oil temperature, oil pressure, water temperature, transmission temperature gauge, volt meter, amp meter, fuel gauge, air gauge, brake warning light, low air pressure alarm, engine hour meter.	Required			
15	Backup alarm	Required			
16	AM/FM radio with installed speaker	Required			
17	Air and electric horn	Required			
18	Defroster/heater	Required			
19	Cab mounted fire extinguisher is <b>not required</b> .				
<b>H</b>	<b>Construction</b>				
1	One-piece heavy duty reinforced heat treated high tensile steel straight channel frame with minimum 110,000 PSI yield strength and section modulus of 30.0 minimum	Required - Specify			
2	Frame must be supplied from the factory, not retrofitted by dealer.	Required			
3	Gusseted cross members shall be included to transfer plow stresses to both frame rails.	Required			
4	Frame must be clean of components from the cab back with 12" minimum extended past rear wheels	Required - Specify			

Item	Specifications for Single Axle Dump/Plow Truck	Required/ Preferred	Complies		DESCRIPTION OR EXCEPTIONS
			Yes	No	
5	Frame to be primed and painted black and shall be fully coated with Fluidfilm rustproofing.	Required			
6	OEM front bumper shall be provided with delivery of truck	Required			
<b>I</b>	<b>Hydraulics</b>				
1	Hydraulic system shall operate the sander, dump body, plow and wing systems	Required			
2	Hydraulic pump shall run off from the engine crankshaft as direct drive at the front of the engine	Required			
3	Hydraulic tank to be mounted on truck frame and have a level sight gauge and a shut-off valve	Required			
<b>J</b>	<b>Trailer</b>				
1	Must be fully compatible with and capable of hauling an Interstate Model 40DLA trailer without any further modifications or additions	Required			
2	Semi trailer connections	Required			
3	¾" pintle plate with 20-ton swivel style. Greasable pintle hitch preferred with D-rings	Required. Specify pintle hitch			
4	Pintle shall be mounted 29" above ground level	Required			
5	Separate fused 7-way semi-trailer socket shall be mounted on the rear cross member	Required			
6	Break-away valve to be mounted on rear cross member in such a way to prevent interference with lights or license plate	Required			
7	Hand control trolley valve shall be mounted either on the steering column or dashboard	Required			
8	Trailer air supply valve shall be mounted on the dashboard	Required			
<b>K</b>	<b>Tires</b>				
1	Front tires to be standard radial and rear tires must be radial mud and snow rated	Required			
2	Front tires: 11R x 22.5 16-ply tubeless all season	Required			
3	Rear tires: 11R x 22.5 16-ply tubeless traction mud & snow rated	Required			
4	Spare: one (1) each front tire mounted on rim and balanced	Required			

Item	Specifications for Single Axle Dump/Plow Truck	Required/ Preferred	Complies		DESCRIPTION OR EXCEPTIONS
			Yes	No	
5	Wheel hubs to be 10-bolt cast iron on front and rear	Required			
<b>L</b>	<b>Dump Body</b>				
1	Rear dump combination dump and sander with rear spreader with standard controls	Required			
2	Double-acting telescopic lift cylinders on the sander body	Required			
3	Heavy duty bed chain with greased chain adjusters	Required			
4	Dump box shall have oval or "V"- shaped bottom to facilitate gravity flow unloading	Required			
5	Chain conveyor shall be centered at the bottom of the box tapered floor and shall extend the length of the box.	Required			
6	Conveyor chain tensioner shall be an automatic system	Required			
7	Chain conveyor shall have a hinged cover plate	Required			
8	Centrally located lubrication system to service all required lubrication points on rear of truck including sander floor and body hinge	Required			
9	Sander lights	Required			
10	Steel sideboards	Required			
11	Standard product spreader controls	Required			
12	7- yard minimum, 9 - yard maximum "water level" capacity	Required State capacity			
13	Ladder with fold down extension on driver's side	Required			
14	Cab shield headboard	Required			
15	Air tailgate	Required			
16	Mud Flaps	Required			
17	Four (4) LED strobe lights mounted in rear of dump body (upper left, lower left, upper right, lower right orientations) above stop/turn lights	Required			
18	Two (2) LED strobe lights mounted in front of the cab shield. Exact mounting location to be specified at time of award.	Required			
19	LED stop and turning lights in rear post mounted above the back-up lights and below the strobe lights	Required			

Item	Specifications for Single Axle Dump/Plow Truck	Required/ Preferred	Complies		DESCRIPTION OR EXCEPTIONS
			Yes	No	
20	LED back-up lights in rear post mounted below the stop/turn lights	Required			
21	Body primed and painted black	Required			
22	Safety kickout cable	Preferred			
23	Donovan Bullet 7000 electric load cover	Required			
24	Body/sander must be rear spread	Required			
<b>M</b>	<b>Product Rear Spinner Assembly</b>				
1	Unit mounted to the truck 2" Reese receiver with quick connect hitch pin	Required			
2	20" nominal diameter poly spinner disc	Required			
3	Variable speed spinner for minimum of 100 lbs/lane mile to a maximum of 2,500 lbs/lane mile	Required			
4	Hydraulically-driven with quick disconnects	Required			
5	Detachable deflector plates/chute to be mounted utilizing quick connect hitch pins	Required			
6	Rear body gate to be adjustable on curb side to properly meter product into spinner	Required			
7	All metal parts of the rear spinner assembly shall be fully primed and painted black and shall be coated with Fluidfilm rustproofing	Required			
8	Spinner controls shall be hydraulic and ground speed control. The control box shall have three (3) open and three (3) closed loops (Auger, Spinner, Prewet) in a single control unit.	Required			
<b>N</b>	<b>Calcium System</b>				
1	System shall be mounted on frame	Required			
2	Minimum 90-gallon poly tank with shutoff valve, mounted with filler port on passenger side of truck	Specify size			
3	In-cab activated	Required			
4	Minimum 150 PSI working pressure on spray system	Specify			

Item	Specifications for Single Axle Dump/Plow Truck	Required/ Preferred	Complies Yes	No	DESCRIPTION OR EXCEPTIONS
<b>O Plow</b>					
1	Power tilt front plow hitch with headlights and blinkers	Required			
2	High lift patrol wing system with full trip arms, trip block and safety chain	Required			
3	Front wing post not to exceed 72" in height	Specify			
4	Front post to be 8" I-Beam and rear post to be 10" I-Beam	Required			
5	11' steel wing with 10' bolt-on carbide cutting edge and curb shoe	Required			
6	11' reversible steel plow with bolt-on carbide cutting edge with curb shoes on each side	Required			
7	Push frame to be heavy duty hydraulic double ram with cushion valve	Required			
8	Plows to be primed and painted black	Required			
9	Tandem gear hydraulic pump	Required			
10	In-cab cable operated controls. Unit must be adjustable for different size operators.	Required			
11	LED wing light	Required			
<b>P Manuals and Training</b>					
1	Provide one complete set in hard copy and one complete set in CD or DVD format of Maintenance and Repair Manual, Operator's Manual, Parts Manual and Line Chart. Provide wiring and or air brake schematics if available.	Required-Specify all available manuals and formats.			
2	Factory or dealer representative to conduct maintenance training seminar covering PM requirements, troubleshooting and general overview.	Preferred			
<b>Q Spare Parts</b>					
1	One full set of filters	Required			
2	One set of spare drive belts	Required			
3	Four sets of keys – all keyed alike	Required			
<b>R Delivery</b>					
1	Delivery and invoicing of the complete unit shall be no earlier than April 16, 2012 and no later than June 1, 2012.	Required-Specify delivery date			

2	Unit, plow and dump body shall be delivered fully serviced, tuned up, wheels balanced and ready to deploy.	Specify			
<b>S</b>	<b>Warranty</b>				
1	Minimum two (2) year standard bumper-to-bumper warranty	Required			
<b>T</b>	<b>Options</b>				
1	Extended warranty	Provide cost and complete information			

Manufacture/Make/Model/Year of equipment: \_\_\_\_\_

Price (FOB Delivered):  
(without trade-in allowance) \$ \_\_\_\_\_

Extended Warranty \$ \_\_\_\_\_ Term in years \_\_\_\_\_

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

Specify where warranty work will be performed: \_\_\_\_\_

Trade-in allowance: \$ \_\_\_\_\_

The University reserves the right to accept or reject trade-in offers.

TRADE:

2001 International 4000 Series 4900, Conventional Cab  
VIN: 1HTSDADR21H357844  
Hours: 7700  
Truck plate # 300-824

May be viewed at University of Maine Facilities Department, 5765 Service Building, Orono, Maine. Please contact Harold Dall at 581-2646 for on-site inspection information.

SIGNATURE PAGE

COMPANY NAME: \_\_\_\_\_

By: \_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Print Name)

\_\_\_\_\_  
(Title)

\_\_\_\_\_  
(Phone)

\_\_\_\_\_  
(Cell Phone)

\_\_\_\_\_  
(E-mail Address)

\_\_\_\_\_  
(Date)