

City of Waterville  
DEPARTMENT OF PUBLIC WORKS  
6 Wentworth Court  
Waterville, Maine 04901-4892

TEL (207) 680-4744 FAX (207) 877-7532

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**REQUEST FOR BIDS  
HEAVY DUTY DUAL WHEEL  
CAB & CHASSIS 4WD PICKUP TRUCK  
With Accessory Equipment**

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**DATE:** July 12, 2011

**INSTRUCTIONS TO BIDDERS**

- 1. GENERAL:** The City of Waterville is accepting bids for a Heavy Duty **Four Wheel Drive Cab & Chassis Pickup Truck** meeting the specifications accompanying this document.
- 2. BID SUBMITTAL:** **Sealed bids** will be accepted by the Office of the Director of Public Works, 6 Wentworth Court, Waterville, Maine 04901 up to and including **10:00 A.M. local time, Thursday, July 28, 2011** at which time they will be publicly opened and read. All bids will be placed in a sealed envelope clearly marked "**Bid – Heavy Duty Four Wheel Drive Pickup Truck**" in the center with the bidder's name and address in the upper left hand corner. Facsimile bids will not be accepted.
- 3. WITHDRAWAL OR REVISION OF BID:** A bidder may withdraw or revise a bid after it has been received by the Office of the Director of Public Works, provided the request is made in writing or in person before the time set for bid opening.
- 4. BID AWARD:** Bid award, if the City determines to award, will be made within thirty (30) calendar days after bid opening, to the lowest responsible bidder whose bid fully complies with all the requirements specified contingent upon approval by the City Council. The City reserves the right to reject any and/or all bids without absorbing any liability against the City.
- 5. Evaluation of Bids:** For purposes of evaluating the bids, in the event of any discrepancies on a proposal between an amount written out in words verses the same amount expressed in numbers, the amount written in words shall govern (if applicable). Similarly, unit prices shall prevail over extended totals. In the event of Additive Bid Items, the "low bid" shall be based upon the least total for the highest combination of bid items which may be awarded within the Control Amount (i.e. a predetermined budget amount to be disclosed at the time of bid opening). In the event that all Base Bids exceed

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**4 WD HD Pickup Truck**  
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the Control Amount, the "low bid" shall be based solely upon the lowest Base Bid submitted. Bidders shall examine and familiarize themselves with the Specifications and Bid Documents. The bidder shall in no way be relieved of any obligation to provide the product, service and/or equipment specified through error, mistake or omission.

**6. INTERPRETATION OF ADDENDA:** It shall be the bidder's responsibility to make inquiry as to any interpretation of the specifications or requirements of the participants. Any changes in the specifications shall be by written addenda.

**7. SPECIFIED QUANTITY:** One (1) Unit

**8. INVOICES AND PAYMENT:** Invoices shall be transmitted to the City of Waterville, 1 Common Street, Waterville, Maine 04901-6699. It is the practice of the City of Waterville to pay invoices within thirty (30) days of receipt. The City is exempt from State of Maine Sales Tax.

**9. PENALTY CLAUSE:** N/A

**10. INSURANCE:** N/A

**11. PERFORMANCE BOND:** N/A

**12. CANCELLATION:** The City reserves the right to cancel any unfulfilled portion of the Contract if, in the opinion of the City, the services or materials supplied are unsatisfactory or are not in compliance with the terms and conditions of the specifications. Cancellation shall be effective following ten (10) calendar days written notice to the Bidder

**13. EXCEPTIONS TO SPECIFICATIONS:** These instructions to Bidders and General Paragraphs are an integral part of the Specifications for a Heavy Duty **Four Wheel Drive Cab & Chassis Pickup Truck** and will be binding on the Bidder. Bidders are advised that they shall be bound to the requirements of the Specifications, Instructions to Bidders and General Paragraphs unless exceptions are otherwise clearly noted in the Proposal. Any exceptions shall be considered, however, in determining the most acceptable proposal.

**14. INQUIRIES:** Any questions concerning this bid request should be directed to Frederick Dechaine, Fleet Maintenance Supervisor, 6 Wentworth Court, Waterville, Maine 04901. Telephone inquiries can be made by calling (207) 680-4746 between the hours of 7:00 AM & 3:00 PM Monday thru Friday.

**15. GENERAL PARAGRAPHS:** See attached **Bid Specifications**.

**BID SPECIFICATIONS  
HEAVY DUTY DUAL WHEEL  
FOUR WHEEL DRIVE  
CAB & CHASSIS PICKUP TRUCK**

**GENERAL -**

The following specifications describe a heavy duty four wheel drive, dual rear wheels, cab & chassis pickup truck. The information contained herein is intended to provide a general list of standard and optional features and equipment.

All equipment furnished under this contract shall be new, unused and the same as the manufacturer's most current production model. Accessories not specifically mentioned herein, but necessary to furnish a complete unit ready for use, shall be all-inclusive. The unit shall conform to the highest quality standards in overall design, quality of workmanship and materials. All assemblies, sub-assemblies and component parts shall be standard and interchangeable throughout the entire quantity of units as is specified in these bid specifications.

**POWER TRAIN**

Engine: Minimum 7.3L V8 Turbo Diesel Engine

Transmission: 4-Speed Automatic

Cab to axle (in.): 84"

**Minimum 17,000 GVW**

**VEHICLE EXTERIOR**

Paint: TBD

Engine Oil Cooler: Heavy Duty Integral

Exhaust: Aluminized Stainless Steel

Mirrors: Electronically Heated (if available)  
Manually telescoping

Tires: Seven 225/70R19.5 Black sidewalls -All-season (Incls. spare)

Wheels: Seven (7) 19.5x6.0 8 hole Argent Painted Steel  
(Dual Rear Wheels) (Incls. spare)

Transmission Oil Cooling: Heavy Duty Integral

Wipers: Intermittent Wet-Arm Windshield

W/Pulse Washers

**Bid Specifications**  
**4 WD HD Pickup Truck**  
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**VEHICLE INTERIOR**

Audio System: ETR AM/FM Stereo w/S&S  
and Digital Clock w/2 Speakers (No Fade)  
Floor Covering: Full Black Vinyl  
Power Outlets: Two Dash Mounted  
Seats: Bucket - With Rough Duty Seat Covers  
Steering: Power & Tilt

**SAFETY & SECURITY FEATURES**

Air Bag: Driver's and Passenger Side  
Air Bag Suppression Switch - Passenger  
Brakes: 4-Wheel Anti-Lock  
Daytime Running Lamps: Activated when Shifting  
out of Park  
Lockout Protection: Prevents Vehicle from  
being Locked While Key is in the Ignition

**OTHER EQUIPMENT**

Firm/Heavy Duty Suspension Package  
Heavy Duty Trailer towing package:  
Heavy Duty front plow package  
Northeast Emissions Compliance  
Air Cleaner, High Capacity  
Engine Oil Cooler  
External Transmission Cooling System  
SEO Battery Dual 750 CCA or equivalent  
SEO Generator: Delco or equivalent 130 Amp CS144  
Alternator  
Tires: Manufacturer Standard All Season Black sidewall Steel Belted  
To include a Full Size Spare  
Air Conditioning

**WARRANTY**

Factory Standard (Minimum 3 YR/36,000 MI)  
With Extended Warranty Package (Please Describe package and cost)

**BID SPECIFICATIONS**  
**Accessory Attachments**  
**2-3 CY SIDE DUMP SPREADER**  
**9ft snow plow and 9ft wing**

GENERAL - It is the intent and purpose of these specifications to describe (1) one standard production model multi-purpose **2-3 Cubic Yard Side Dump Spreader and (1) one 9 foot Plow and 9 foot Wing** for highway and other construction activities.

**All equipment furnished under this contract shall be new, unused and the same as the manufacturer's current production model. Accessories not specifically mentioned herein, but necessary to furnish and install a complete unit ready for use, shall be included. Unit construction shall conform to the best practice known to the body trade in design, quality of material and workmanship. Assemblies, sub-assemblies and component parts shall be standard and interchangeable throughout the entire quantity of units produced by the manufacturer. All units shall conform to the highest level of strength, quality and workmanship that is provided, in general, as an industry-wide standard.**

**SIDE DUMP SPREADER**

TYPE- Canadian Unibody or U. S. Standard design.

SIZE - Length 8 FT; Width 6.6 FT (will not consider shorter lengths)

**CONSTRUCTION** - Minimum Requirements as follows:

1. Headboard shall have flat front horizontal box brace 10ga Corten construction. There shall be a weld on full width cab guard with minimum 12" protection.
2. Live floor, one piece with 45-degree ramp to right side. Floor and right inner sidewall move as one unit and are hinged to the left side of the conveyor. Tray hinges shall be bolted in place and removable.
3. Floor to be capable of 35 degree of lift through two 2.5" diameter by 16" stroke double acting cylinders. Nitrite piston rod of 1.5" diameter lower chain return tray removable for service. Upper chain tray 3/16" corten material bolted in place.
4. Removable inner conveyor cover.
5. Side height to be 16"
6. Tailgate height 20". Three panel boxed shedding tailgate 3" deep cross section with 1 1/4 " hinge pins.
7. Body internal shell 10ga
8. Internal moving headboard to control spillage.
9. All moving parts shall have grease fittings.

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**Accessory Attachments**  
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**HYDRAULIC  
PUMP -**

Central hydraulic system; fan belt driven Chelsea clutch pump, pump bracket, 7 gallon hydraulic reservoir, Gresen model V20 hydraulic control valves with cab controls for dump body plow lift, plow angle, pressure beyond capability for hydraulic sander, complete hose kit.

**CAB SHIELD -**

Minimum 1/2" x 7 gauge hi-tensiled.

**ACCESSORIES -**

Mud flaps (4 – 36")  
Rear corner, high intensity safety lights & reflectors  
Strobe lights (2 EA) front and rear  
Cab mounted "Body Raised" indicator light  
Hoist control lever lock-out system  
Safety body props  
6.6" apron to keep rear lights free of materials/debris

**PAINT -**

Primer coat to be minimum of two (2) applications rust-resistant.  
Finish coat to be minimum two (2) applications black.

**INSTALLATION -**

By Bidder. To commence upon delivery of truck chassis and returned to Public Works Department.

**TRAINING -**

Bidder shall supply a minimum of two (2) hours on-site training.

**WARRANTY -**

Manufacturer's Standard

**SPECIAL  
CONDITIONS -**

OEM parts, service and operator's manuals to be provided.

***PLOW AND WING***

**Plow Specifications: Power Reversible Trip Edge Multi-Application Snow Plow**

**General:** These specifications describe a power reversible, trip edge snow plow capable of clearing a 7'9" path when angled to 30 degrees right or left of center (8' at 25 degrees). The snow plow shall be fitted with a moldboard having an overall length of 9', which is capable of automatically altering its contour, so to

**Bid Specifications**  
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form a tapered shape, the flared (discharge) end of which shall assume inside heights of 22" at the low side and 34" at the discharge side, whenever angled to the extreme right or left positions of center.

**Moldboard framework:** The upper leading edge of the moldboard sheet shall be reinforced by not less than a 2"x2"x1/4" structural steel angle, while the lower portion of the sheet shall be supported by a weld mount from 1/2" thick steel plate and 4"x4"x1/2" structural steel angle.

**Moldboard material:** In order to offer a low coefficient of friction and resistance to both corrosion and impact, the moldboard sheet shall be formed from one piece, unspliced sheet of 3/8" thick ultra high molecular weight polyethylene material. The polyethylene sheet shall have a minimum tensile strength of 7000 p.s.i. And, when tested in accordance with ASTM D638, it shall evidence a minimum of 800% elongation at break.

In addition, the sheet shall evidence no break following izod impact test conducted in accordance with ASTM D256A.

The sheet shall be formed from a polyethylene material, which is made from new resin (recycled material is not acceptable) and shall be color impregnated and ultra violet stabilized to a "safety orange" pigmentation.

**Cutting edge:** Shall be one (1) in number and shall be from 1/2"x8: C1090 steel, punched on 8: centers and supported by a channel reinforcement from not less than 1/4" plate. The cutting edge shall be reversible for double wear.

**Tripping edge mechanism:** Shall be of the single edge design, which shall activate whenever the cutting edge comes into contact with an obstruction on the pavement. Trip activation shall be achieved through six (6) torsion springs from not less than 9/16" wire, having a 2-7/8" O.D. with eight (8) active coils each. Each spring shall be pinned in place in a horizontal position and shall butt to the lower moldboard reinforcement and to the cutting edge reinforcement.

**Drive and reverse arrangement:** Shall consist of a 2-1/2"x2-1/3"x1/4" square tubular "A" frame with two (2) 2-1/2" diameter reversing cylinders. In order to reduce undue weight and achieve maximum mechanical advantage, it shall not utilize a semi-circle. The two (2) cylinders shall be directly coupled between the moldboard backer angle and the drive points at the truck end of the plow "A" frame and shall have chrome plated piston rods.

Quick coupling fittings shall be installed between the truck and the plow reversing cylinders.

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**Accessory Attachments**  
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Plumbing shall include flexible hose and all fittings necessary for operation of the plow.

Reversing end lift cylinders shall utilize a common seal kit.

**Markers (optional):** Flexible moldboard end markers shall be secured to the upper corner ends of the moldboard.

**Weight: Approximately 850 pounds (with hitch & hydraulics)**

**WING:**

9 foot steel wing  
11 gauge moldboard  
3/8" x 3.5" x 5" main backer angle  
20" front height  
30" rear discharge height  
6 vertical support ribs

**WING ATTACHMENTS:**

Custom front post with cylinder, sheave & cable  
Custom rear swivel post  
Full trip heavy duty wing brace & front block  
Rear wing lift cylinder  
Custom mounting brackets

**FRONT HITCH:**

Custom Detachable with side plates

**LIGHTS :**

Plow lights  
Wing lights  
Spinner lights

Backup Camera – 1ZD3221 – 5" Monitor W/LCD Camera  
Wing Camera – 1ZD313C – Camera Zone Defense

Color: Moldboard/Wing to be High Visibility Yellow

**BID FORM**

**DATE:** \_\_\_\_\_

To the Director of Public Works for the City of Waterville, Maine:

Please accept this bid submission from

\_\_\_\_\_  
(hereinafter called "Bidder"), a corporation\* organized under the laws of the State of \_\_\_\_\_ or a partnership/individual\*\* doing business as

\_\_\_\_\_.

This bid is being submitted for a Heavy Duty **Four Wheel Drive Cab & Chassis Pickup Truck** in compliance with your invitation for bids, having examined the specifications and conditions contained therein. Alternatives/Substitutions are as follows:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(Attach Additional Comments, As Necessary)

**The Bidder proposes to supply the following:**

- Bid Option #1:** Heavy Duty Four Wheel Drive Cab & Chassis Pickup  
(Per Specifications)  
No Trade-In Allowance \$ \_\_\_\_\_
- Bid Option #2:** Trade-in Allowance (1 EA) 2001 Ford F550  
Side Dump Sander / Plow and Wing \$ \_\_\_\_\_
- Bid Option #3:** Trade-in Allowance (2 EA) 2001 Ford F550  
Side Dump Sander / Plow and Wing \$ \_\_\_\_\_
- Extended Warranty:** Provide Description Summary \$ \_\_\_\_\_

\*\*Delivery Guaranteed within \_\_\_\_\_ days of contract award and not beyond sixty (60) days of contract award.

NAME OF BIDDER: \_\_\_\_\_  
BY: \_\_\_\_\_

(Signature)

NAME AND TITLE: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
\_\_\_\_\_

TELEPHONE: \_\_\_\_\_ TAX ID# \_\_\_\_\_

\* Affix seal if by Corporation  
\*\*Cross out word/phrases that do not apply