

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**  
**1.5 Ton Tandem Compaction Roller**

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**DATE: July 2, 2012**

**INSTRUCTIONS TO BIDDERS**

- 1. GENERAL:** The City of Waterville is accepting bids for a 1.5 Ton Tandem Asphalt Roller 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, Tuesday, July 24, 2012, at which time they will be publicly opened and read. All bids will be placed in a sealed envelope clearly marked "Bid – 1.5 Ton Tandem Asphalt Roller" in the center with the bidder's name and address in the upper left hand corner. Bids not dated and time stamped by the Office of the Director of Public Works prior to the specified date and time stated above will be returned unopened. *Facsimile bids* will only be accepted by arrangement with the Office of the Director of Public Works. *Arrangements may be made by contacting Frederick Dechaine at (207) 680-4746 or by faxing him directly at (207) 877-7532.*
  
- 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 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

## **Request for Bids**

### **1.5 Ton Tandem Asphalt Roller**

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(i.e. a predetermined budget amount to be disclosed at the time of bid opening). In the event that all Base Bids exceed 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 1.5 Ton Tandem Asphalt Roller 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 FRED DECHANE, Fleet Maintenance Manager, Department of Public Works, 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

## 1.5 Ton Tandem Asphalt Roller

### Dimensions

1. 83" overall length
2. 91" to top of ROPS
3. 60" to top of steering wheel
4. 38" overall width
5. 53" drumbase
6. 18" curb clearance
7. 105" inside turning radius
8. 106" outside turning radius

### Bidders List Variations

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### Drum Specification

1. 35" drum width
2. 23" drum diameter
3. .40" drum shell thickness
4. f/r dual drum neopreme wipers

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### Weights

1. 2,955 lbs. minimum operating weight
2. 1,310 lbs. front module weight
3. 1,645 lbs. rear module weight

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### Traction

1. 0-5 mph speed range
2. +/- 7 degree vertical oscillation
3. +/- 34 degree steering angle
4. 35% field gradeability

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### Engine

1. Gasoline or Diesel – Minimum 20 HP
2. 6 gallon fuel tank capacity

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### Compaction

1. Static linear load of 46 pli @ rear drum
2. Static linear load of 37 pli @ front drum
3. .016" nominal amplitude
4. Vibration frequency: 4,200vpm
5. Centrifugal force per drum: 3,825 lbs
6. 50 gallon polyethylene water tank

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**Operation**

- 1. Forward / reverse lever on RH side -----
- 2. Vibration control located on F/R lever -----
- 3. Vibration on front drum -----
- 4. Seat safety switch -----
- 5. Fixed scraper bars -----
- 6. Gravity fed sprinkler system -----
- 7. Sliding operator seat -----

**Hydraulic System**

- 1. Driving: axial piston pump with variable Displacement Radial piston motors (2) w/constant displacement -----
- 2. Vibration: gear pump/motors w/constant Displacement -----
- 3. Steering: Gear pump with constant displacement -----
- 4. Service brake: hydrostatic in forward & reverse lever -----
- 5. Parking/Emergency brake: failsafe multidisc brake on both drums -----

**Control Panel**

- 1. Warning light, brake -----
- 2. Warning light, hydraulic oil temperature -----
- 3. Hour meter -----
- 4. Ignition Key -----
- 5. Horn -----

**Standard Equipment**

- 1. Backup alarm -----
- 2. Horn -----
- 3. Hourmeter -----
- 4. Ignition key -----
- 5. Hydraulic pressure points -----
- 6. Emergency stop -----
- 7. Folding ROPS bar & seatbelt -----
- 8. Maintenance Manual -----
- 9. Parts Manual -----

**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 **1.5 Ton Tandem Asphalt Roller** 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:** 1.5 Ton Tandem Asphalt Roller (Per Specifications)  
No Trade-In Allowance: \$ \_\_\_\_\_

**Bid Option #2:** 1.5 Ton Tandem Asphalt Roller (Per Specifications)  
With Trade-In Allowance:  
1991 Whacker Model #WHK90L \$ \_\_\_\_\_

**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