

CITY OF NIAGARA FALLS, NEW YORK

REQUEST FOR BIDS BID #50-09

Bids on items as specified herein will be accepted at City Hall until 11:00 A.M., and opened at 11:00 A.M. on December 18, 2009.

Bidders must state when delivery can be made.

All bids are subject to delivery as stated herein.

If a bid is submitted on an article intended as a substitute for a grade or brand specified, the bidder must state the grade or brand of the substitution, otherwise it will be assumed that the bid is based on the grade or brand specified.

The City reserves the right to accept this bid by items, or as a whole, or to reject any or all bids or waive informalities.

Bids are to be shown NET. Cash discounts are to be stated, if any.

All bids must be accompanied by the requisite bid bond IF SO STATED IN THE SPECIFICATIONS.

Provision of any required performance bond is the responsibility of the bidder.

Prices must be filled in with typewriter or ink on this form.

THE ENVELOPE CONTAINING THE BID MUST BE SEALED AND CLEARLY MARKED WITH THE BID NUMBER.

Any and all bids and contracts made or awarded by the City of Niagara Falls or any department, agency or official thereof for work or services performed or to be performed, or goods purchased or sold or to be purchased or sold are made subject to the provisions of Chapter 861 of the Laws of New York, 1953, as amended by Chapter 751 of the Laws of New York, and as now contained or as may hereafter be amended. The provisions of the New York State General Municipal Law and 103a and 103b are applicable to this bid.

BIDDER'S ATTENTION IS REQUESTED REGARDING THE FOLLOWING CONDITIONS AND REGULATIONS. BIDS NOT IN COMPLIANCE WITH THE FOREGOING CONDITIONS AND REGULATIONS WILL NOT BE CONSIDERED.

NON-COLLUSIVE BIDDING CERTIFICATION (PURSUANT TO CHAPTER 751 OF LAWS OF NEW YORK, 1965)

By submission of this bid or proposal, the bidder certifies that:

- a) This bid or proposal has been independently arrived at without collusion with any other bidder or with any competitor or potential competitor;
- b) This bid or proposal has not been knowingly disclosed and will not be knowingly disclosed, prior to the opening of bids or proposals for this project, to any other bidder, competitor or potential competitor;
- c) No attempt has been or will be made to induce any other person, partnership or corporation to submit or not to submit a bid or proposal;
- d) The person signing this bid or proposal certifies that he has fully informed himself regarding the accuracy of the statements contained in this certification, and under the penalties of perjury, affirms the truth thereof, such penalties being applicable to the bidders as well as to the person signing on it's behalf;
- e) That attached hereto (if a corporate bidder) is a certified copy or resolution authorizing the execution of this certificate by the signature of this bid or proposal on behalf of the corporate bidder.

(see reverse side for additional information)

COMPANY NAME:

ADDRESS:

TOTAL NET PRICE	DELIVERY PROMISED
CONTACT PERSON FOR QUESTIONS REGARDING BID	TELEPHONE NUMBER
AUTHORIZED SIGNATURE	DATE

TITLE

MAIL BIDS TO:
CITY OF NIAGARA FALLS
PURCHASING DIVISION ROOM 14-B
PO BOX 69
NIAGARA FALLS, NY 14302-0069

DELIVER BIDS TO:
CITY OF NIAGARA FALLS
CITY HALL ROOM 14-B
745 MAIN STREET
NIAGARA FALLS, NY 14302-0069

BIDS SUBMITTED BY FACSIMILE ARE UNACCEPTABLE

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CITY OF NIAGARA FALLS DEPARTMENT OF PUBLIC WORKS SPECIFICATIONS

TANDEM VIBRATORY/OSCILLATORY ROLLER

2009 OR 2010 MODEL YEAR

Please indicate "YES" or "NO" if the equipment being bid complies with each specification. If "NO", please describe variance in the exception column. If the item being bid exceeds any specification, check "NO" and describe the variance in the exception column.

GENERAL:
1. It is the intent of this specification to describe a new and unused 2009 or 2010 model year Dual Drum Asphalt Roller, Tandem Vibratory/Oscillatory Roller.
2. These specifications shall be strictly adhered to. All exceptions and deviations shall be listed and fully explained on a separate page entitled "Exceptions to Specifications", and shall reference the page number of the specifications. Bidder shall place a check mark in the appropriate column to signify compliance or non-compliance with each item of these specifications. Proposals taking total exception to these specifications shall NOT be considered. Each bid shall be accompanied by a set of manufacturer's specifications, consisting of detailed description of the equipment proposed. These specifications shall indicate size, type, model and make of all component parts and equipment. Failure to comply with these specifications shall disqualify your bid.
3. The vendor submitting this bid must be recognized as the Factory Authorized Dealer for said product, not a Reseller.
4. The vendor submitting this bid must have multiple service trucks available for repairs on site with the City of Niagara Falls.
5. Bidder to provide warranty information, and shall state the warranty terms offered for the major components of the equipment proposed. The warranty shall be no less than one year or 1000 hours for the entire machine.
6. The vendor shall provide warranty service to the City of Niagara Falls, NY at the DPW Maintenance Facility and/or on site within the City of Niagara Falls NY at no additional expense for warranty related issues or failures.
7. To be delivered to Central Garage Division, Public Works Department, 1785 New Road, Niagara Falls, New York 14304, at no cost to the City, no later than 90 days from receipt of purchase order.
8. No demonstrator, prototypes or discontinued models.
9. The City places a very high priority on service, and the availability of parts. Bidders are to be an authorized dealer for the manufacturer of the equipment proposed, and have a service facility within a distance of fifty (50) miles of type of purchaser's facility, where the proposed equipment is housed. Bidder to have available twenty-four (24) hour service and capable of supplying parts within twenty-four (24) hours.
10. Successful bidder to furnish two (2) copies of parts/maintenance and service manuals for the complete unit furnished.

WEIGHTS:	YES	NO	EXCEPTION
The operating weight of the unit shall be no less than 20,238 lbs.	<input type="checkbox"/>	<input type="checkbox"/>	
The unit will have a front axle weight of 10,119 lbs.	<input type="checkbox"/>	<input type="checkbox"/>	
The unit will have a rear axle weight of 10,119 lbs.	<input type="checkbox"/>	<input type="checkbox"/>	
DRUMS:	YES	NO	EXCEPTION
The unit shall be equipped with two steel drums.	<input type="checkbox"/>	<input type="checkbox"/>	
The minimum width of the drums shall be no less than 66 inches.	<input type="checkbox"/>	<input type="checkbox"/>	
With a drum thickness of no less than .67 inches.	<input type="checkbox"/>	<input type="checkbox"/>	
The unit shall have offset articulation of no less than 3.9 inches.	<input type="checkbox"/>	<input type="checkbox"/>	
The unit shall have a curb clearance of no less than 30 inches.	<input type="checkbox"/>	<input type="checkbox"/>	
The unit shall have a ground clearance of no less than 13 inches.	<input type="checkbox"/>	<input type="checkbox"/>	
ENGINE:	YES	NO	EXCEPTION
The unit shall be equipped with a water cooled diesel engine.	<input type="checkbox"/>	<input type="checkbox"/>	
The engine shall have a minimum of 134 SAE HP at 2,300 RPM.	<input type="checkbox"/>	<input type="checkbox"/>	
The engine must meet all North American Exhaust Emission Standards.	<input type="checkbox"/>	<input type="checkbox"/>	
FUEL TANK:	YES	NO	EXCEPTION
Fuel tank capacity shall be no less than 48 gallons.	<input type="checkbox"/>	<input type="checkbox"/>	
The fuel tank shall be equipped with clean out covers to facilitate the removal of foreign materials that may be introduced.	<input type="checkbox"/>	<input type="checkbox"/>	
DRIVE SYSTEM:	YES	NO	EXCEPTION
The drive system shall be hydrostatic.	<input type="checkbox"/>	<input type="checkbox"/>	
The drive system must operate both front and rear drums.	<input type="checkbox"/>	<input type="checkbox"/>	
Ground speed shall be infinitely variable both forward and reverse.	<input type="checkbox"/>	<input type="checkbox"/>	
Ground speed shall be no more than 4.6 MPH in work mode.	<input type="checkbox"/>	<input type="checkbox"/>	
Ground speed shall be no more than 9.1 MPH in travel mode.	<input type="checkbox"/>	<input type="checkbox"/>	
The unit shall be able to operate on a 30% grade with the front drum vibrating and the rear drum oscillating.	<input type="checkbox"/>	<input type="checkbox"/>	
The unit shall be able to operate on a 40% grade in static mode.	<input type="checkbox"/>	<input type="checkbox"/>	

VIBRATION/OSCILLATION SYSTEM:	YES	NO	EXCEPTION
NOTE: Dual vibratory rollers DO NOT MEET specifications below.			
The vibration system on the front drum shall be designed with two (2) fixed amplitudes and variable frequencies.	<input type="checkbox"/>	<input type="checkbox"/>	
The vibratory front drum shall be able to produce a minimum of 16,785 lbs of centrifugal force when vibrating at 2,520 VPM.	<input type="checkbox"/>	<input type="checkbox"/>	
The vibratory front drum shall be able to produce a minimum of 13,275 lbs of centrifugal force when vibrating at 3,000 VPM.	<input type="checkbox"/>	<input type="checkbox"/>	
The oscillatory (non-vibratory) system on the rear drum shall be designed with single tangential amplitude of .054 inches and variable frequencies.	<input type="checkbox"/>	<input type="checkbox"/>	
The oscillatory (non-vibratory) rear drum shall be able to produce a minimum of 32,400 lbs of centrifugal force when oscillating at 2,340 VPM.	<input type="checkbox"/>	<input type="checkbox"/>	
The oscillating (non-vibratory) rear drum shall be able to produce a minimum of 23,175 lbs of centrifugal force when oscillating at 1,980 VPM.	<input type="checkbox"/>	<input type="checkbox"/>	
The adjustable vibration/oscillation frequency shall be operator controlled with a digital readout located on the control panel.	<input type="checkbox"/>	<input type="checkbox"/>	
The unit will be equipped with two (2) drum mounted hydrostatic vibratory/oscillating (non-vibratory) motors.	<input type="checkbox"/>	<input type="checkbox"/>	
The vibratory/oscillating (non-vibratory) motors will provide the capability of vibrating the front drum only, oscillating (non-vibratory) the rear drum only, or both drums simultaneously.	<input type="checkbox"/>	<input type="checkbox"/>	
The control for engaging the vibration/oscillation system shall be located in the forward and reverse control levers.	<input type="checkbox"/>	<input type="checkbox"/>	
STEERING:	YES	NO	EXCEPTION
The unit shall be equipped with hydrostatic steering.	<input type="checkbox"/>	<input type="checkbox"/>	
The unit shall be equipped with true center point articulation.	<input type="checkbox"/>	<input type="checkbox"/>	
The unit shall have a steering angle of plus or minus 39 degrees.	<input type="checkbox"/>	<input type="checkbox"/>	
The unit shall have a frame oscillation of plus or minus 10 degrees.	<input type="checkbox"/>	<input type="checkbox"/>	
The inside turning radius shall not exceed 156 inches.	<input type="checkbox"/>	<input type="checkbox"/>	
BRAKES:	YES	NO	EXCEPTION
The unit shall incorporate hydrodynamic braking at both the front and rear drums.	<input type="checkbox"/>	<input type="checkbox"/>	
The unit shall have a spring applied, hydraulically released parking brake.	<input type="checkbox"/>	<input type="checkbox"/>	
The unit shall be equipped with an emergency brake, which when activated, will apply the brakes in both drums, de-stroke the propulsion pump, stopping the machine immediately.	<input type="checkbox"/>	<input type="checkbox"/>	

WATER SYSTEM:	YES	NO	EXCEPTION
The unit shall be equipped with a fully pressurized, filtered, non-corrosive water system made of HDPE.	<input type="checkbox"/>	<input type="checkbox"/>	
The unit shall be equipped with two (2) electrically operated water pumps of sufficient volume to ensure an adequate supply of water to both the front and rear drum spray bars.	<input type="checkbox"/>	<input type="checkbox"/>	
The unit shall be equipped with a timed interval water release switch capable of providing sufficient water at the operator's option and a manual overdrive switch for constant water flow to both drums.	<input type="checkbox"/>	<input type="checkbox"/>	
The water capacity shall be no less than 238 US gallons.	<input type="checkbox"/>	<input type="checkbox"/>	
The water tank(s) must incorporate a filler strainer.	<input type="checkbox"/>	<input type="checkbox"/>	
The water tank(s) must have a water level indicator.	<input type="checkbox"/>	<input type="checkbox"/>	
CHASSIS:	YES	NO	EXCEPTION
The unit shall be equipped with an operator's station that rotates 180 degrees with a seat that swivels independently.	<input type="checkbox"/>	<input type="checkbox"/>	
The operator shall have a clear view to both the front and rear drums.	<input type="checkbox"/>	<input type="checkbox"/>	
The control levers shall be located on each side of the seat.	<input type="checkbox"/>	<input type="checkbox"/>	
The control panel shall rotate with the operator's station.	<input type="checkbox"/>	<input type="checkbox"/>	
The seat shall be of an adjustable suspension design that can be adjusted to the weight of the operator.	<input type="checkbox"/>	<input type="checkbox"/>	
The operator's compartments and operator's controls shall be readily accessible from either side of unit.	<input type="checkbox"/>	<input type="checkbox"/>	
The operator's controls and compartments are fully lockable providing full vandalism protection.	<input type="checkbox"/>	<input type="checkbox"/>	
The access doors on both sides of the unit must be lockable with the same key as the operator's controls and compartments.	<input type="checkbox"/>	<input type="checkbox"/>	
The unit shall be equipped with dual spring-loaded scrapers to keep drums clean and aid in water distribution on the drum.	<input type="checkbox"/>	<input type="checkbox"/>	
INSTRUMENTATION:	YES	NO	EXCEPTION
The unit shall be equipped with the following instruments and warning lights:			
Parking brake warning light.	<input type="checkbox"/>	<input type="checkbox"/>	
Battery discharge light.	<input type="checkbox"/>	<input type="checkbox"/>	
Hour meter.	<input type="checkbox"/>	<input type="checkbox"/>	
Low engine oil pressure warning light.	<input type="checkbox"/>	<input type="checkbox"/>	
Hydraulic oil temperature warning light.	<input type="checkbox"/>	<input type="checkbox"/>	
Air filter restriction indicator light.	<input type="checkbox"/>	<input type="checkbox"/>	
Automatic high engine temperature alarm.	<input type="checkbox"/>	<input type="checkbox"/>	
Engine temperature indicator light.	<input type="checkbox"/>	<input type="checkbox"/>	

INSTRUMENTATION - CONTINUED:	YES	NO	EXCEPTION
Low alternator charge warning light.	<input type="checkbox"/>	<input type="checkbox"/>	
Vibration meter.	<input type="checkbox"/>	<input type="checkbox"/>	
Oscillation on/off indicator light.	<input type="checkbox"/>	<input type="checkbox"/>	
Fuel gauge.	<input type="checkbox"/>	<input type="checkbox"/>	
Speedometer.	<input type="checkbox"/>	<input type="checkbox"/>	
Emergency stop button.	<input type="checkbox"/>	<input type="checkbox"/>	
Road lights, front and rear.	<input type="checkbox"/>	<input type="checkbox"/>	
Turn signals with hazard lights.	<input type="checkbox"/>	<input type="checkbox"/>	
Rotating beacon.	<input type="checkbox"/>	<input type="checkbox"/>	
OPTIONS:	YES	NO	EXCEPTIONS
The vendor shall provide factory authorized training at an off-site facility run, managed and staffed by factory trained personnel for two (2) of the City of Niagara Falls, NY's operators at no additional expense to the City of Niagara Falls, NY.	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	