

# CITY OF NIAGARA FALLS, NEW YORK

## REQUEST FOR BIDS BID #49-09

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 14, 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:**

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**ADDRESS:**

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

<b>TITLE</b>

**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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## MINIMUM SPECIFICATIONS for a Three Point Hitch Deep Tine Aerator

- Features:** A Direct Drive aerator with adjustable parallelogram forced heave design that shatters the soil and allows for clean coring. Aerator with the ability to relieve compaction and remove any hard pan at depths up to 12". Machine to be equipped with a slip clutch to prevent damage to machine and tractor.
- Working Width:** 64" Minimum
- Working Depth:** Variable to 12" Maximum; Relief of compaction removing any hard pan at depths up to 12".
- Weight:** 1,480 Maximum
- Hole Spacing:** Side-to-Side  
5" maximum with  $\frac{3}{4}$ " tines  
2- $\frac{1}{2}$ " maximum with  $\frac{1}{2}$ " tines
- Hole Spacing:** At 500 rpm PTO (Forward Travel)  
2  $\frac{1}{2}$ " spacing at 0.55 mph  
5" spacing at 1.1 mph  
7  $\frac{1}{2}$ " spacing at 1.6 mph
- Tractor Required:** 28 HP minimum, with lift capacity of 1815 lbs minimum at 3-point hitch lift point and PTO speed up to 500 RPM.
- PTO Speed:** Forward Travel up to 500 rpm
- 3-Point Connection:** Category 1
- Gear Box:** 3-Speed shuttle gearbox direct non-chain drive with Lifetime Grease; capable of matching any tractor; matches your tractor's ground speed exactly to achieve desired hole spacing. Creep speed tractor gear not essential.
- Bearings:** Sealed bearings (not bushings) with long maintenance free life
- Rollers:** Front and Rear rollers with scrapers. Rear roller provide extra facilities and acts as a storage stand.
- PTO:** With Slip Clutch
- Maximum Capacity:** Spacing 2  $\frac{1}{2}$ " = 14,921 sq.ft./hr.  
Spacing 5" = 29,841 sq.ft./hr.  
Spacing 7  $\frac{1}{2}$ " = 44,762 sq.ft./hr.
- Tines:** Standard Solid  $\frac{1}{2}$ " x 12"
- Unique Adjustable parallelogram forced heave:** Independent of tractor forward travel. Shatters compaction in any ground conditions. Versatile with single-point adjustment for optimum results and hollow coring.

**Simple Tine Design:** Easy to change; Uses standard tine holders for all solid tines and hollow tines up to  $\frac{3}{4}$ ".

**Available Tines:**  $\frac{3}{16}$ " x 5 to  $\frac{3}{4}$ " x 10 Variable solid  
 $\frac{3}{8}$ " x 5 to  $\frac{3}{4}$ " x 10 Variable hollow

**Bearings:** Long life, Maintenance-free long life sealed bearings, no bushings.

**Storage stand:** Integrated in machine.

**Tine Angle Adjustment:** Centrally quick adjustment lever.

**Tine Depth Adjustment:** Easily adjusted through screw type micro adjusters for level depth operation.

**Toolbox:** On the machine with some tools.

**Turf hold down fingers:** #211.731.006  $\frac{1}{2}$ " tines  
#211.731.008  $\frac{3}{4}$ " tines

This unit shall be designed to accept drill tine holders and fluted drill style tine at future date, in lieu of standard tine holders and solid/hollow tines.

Aerator to be equal to or greater than Redexim Charterhouse Verti-Drain Model 7316. This unit is being used to Establish Minimum Specifications.

All Standard Manufacture Owner/Operator/Parts manuals to be supplied.

Operator and Maintenance Installation and Training to be done at agreed time with owner and vender after Bid Award and delivery.

Vendor to be authorized dealer and service center for supplied aerator.