

CITY OF NIAGARA FALLS, NEW YORK

REQUEST FOR BIDS BID #27-10

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 June 2, 2010.

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

TRAILER MOUNTED TREE STUMP CUTTING MACHINE 2010 MODEL YEAR OR NEWER

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 City's intent to purchase a 2010 model year or newer trailer mounted tree stump cutting machine that meets the following specifications:			
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. Bidder to provide warranty information, and shall state the warranty terms offered for the major components of the equipment proposed.			
4. To be delivered to Parks Garage, 911 Robbins Drive, Niagara Falls, NY 14305, attention Joseph Morock, Senior Mechanic, at no cost to the City, no later than 90 days from receipt of purchase order.			
5. No demonstrator, prototypes or discontinued models.			
6. 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 one hundred and fifty (150) 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.			
7. Successful bidder to furnish one (1) copy of Operator's Manual, one (1) copy of Parts & Service Manual and one (1) Operation & Safety DVD.			
GENERAL:	YES	NO	EXCEPTION
Weight: Approximately 6140 lbs maximum.	<input type="checkbox"/>	<input type="checkbox"/>	
Length: Approximately 200" maximum.	<input type="checkbox"/>	<input type="checkbox"/>	
Height: Approximately 90" maximum.	<input type="checkbox"/>	<input type="checkbox"/>	
Width: Approximately 86" maximum.	<input type="checkbox"/>	<input type="checkbox"/>	
Chip collection capacity: 273 cu. ft. minimum.	<input type="checkbox"/>	<input type="checkbox"/>	
Chassis design: Electrically welded 4" x 6" x 3/8" wall rectangular steel tubing.	<input type="checkbox"/>	<input type="checkbox"/>	
Telescoping tongue extension: 60" minimum.	<input type="checkbox"/>	<input type="checkbox"/>	
Hitch: adjustable height 2-5/16" ball.	<input type="checkbox"/>	<input type="checkbox"/>	
Jack stand: hydraulic.	<input type="checkbox"/>	<input type="checkbox"/>	

GENERAL- CONTINUED:	YES	NO	EXCEPTIONS
Tires: Two (2) LT-R16.5.	<input type="checkbox"/>	<input type="checkbox"/>	
Swing pivot bearings: 2" spherical plane.	<input type="checkbox"/>	<input type="checkbox"/>	
Fenders: Steel, bolt-On.	<input type="checkbox"/>	<input type="checkbox"/>	
Wheel bearing seal protector: steel deflector plate.	<input type="checkbox"/>	<input type="checkbox"/>	
Operator control console: mounted on swing away arm with protective polycarbonate window full length rubber shield and fully covered valve bank.	<input type="checkbox"/>	<input type="checkbox"/>	
Highway lighting: DOT approved.	<input type="checkbox"/>	<input type="checkbox"/>	
Hour meter: required.	<input type="checkbox"/>	<input type="checkbox"/>	
Electric brake system: required.	<input type="checkbox"/>	<input type="checkbox"/>	
Suspension system: torque arm.	<input type="checkbox"/>	<input type="checkbox"/>	
Tool box: required.	<input type="checkbox"/>	<input type="checkbox"/>	
Coiled light connector harness: required.	<input type="checkbox"/>	<input type="checkbox"/>	
Safety sales kit: required.	<input type="checkbox"/>	<input type="checkbox"/>	
ENGINE:	YES	NO	EXCEPTION
Model: John Deere 4045HF285 140P.	<input type="checkbox"/>	<input type="checkbox"/>	
Number of cylinders: 4.	<input type="checkbox"/>	<input type="checkbox"/>	
Maximum no load RPM: 2540.	<input type="checkbox"/>	<input type="checkbox"/>	
Gross HP at maximum no load RPM: 140HP.	<input type="checkbox"/>	<input type="checkbox"/>	
Maximum rated torque: 387ft @ 1500 RPM.	<input type="checkbox"/>	<input type="checkbox"/>	
Cooling medium: liquid cooled.	<input type="checkbox"/>	<input type="checkbox"/>	
Air Cleaner: Dual element, dry type.	<input type="checkbox"/>	<input type="checkbox"/>	
Oil Filter: Spin-on type.	<input type="checkbox"/>	<input type="checkbox"/>	
Fuel Tank Capacity: 50 gallons.	<input type="checkbox"/>	<input type="checkbox"/>	
Electrical System: 12 volts/75 AMP alternator.	<input type="checkbox"/>	<input type="checkbox"/>	
Safety: Elastometric engine mounts required.	<input type="checkbox"/>	<input type="checkbox"/>	
Engine: To be operable on (up to) a 30 degree slope with the cutter wheel in the full up or down position.	<input type="checkbox"/>	<input type="checkbox"/>	
Engine: Must remain level with machine frame and not tilt upward or downward while in operation. Engine must not move left or right while in operation.	<input type="checkbox"/>	<input type="checkbox"/>	

HYDRAULIC SYSTEM:	YES	NO	EXCEPTION
Cutter wheel pump displacement: 7.62 cu in per rev.	<input type="checkbox"/>	<input type="checkbox"/>	
Cutter wheel pump gallonage at 2540 RPM. Engine Speed: 83.8 gpm.	<input type="checkbox"/>	<input type="checkbox"/>	
Auxiliary pump displacement: .49 cu in per rev.	<input type="checkbox"/>	<input type="checkbox"/>	
Auxiliary pump gallonage at 2600 RPM. Engine Speed: 5.49 gpm.	<input type="checkbox"/>	<input type="checkbox"/>	
Auxiliary system pressure relief: 2250 psi.	<input type="checkbox"/>	<input type="checkbox"/>	
Command cut: swing speed control and horsepower optimizer.	<input type="checkbox"/>	<input type="checkbox"/>	
Oil reservoir capacity: 15 gallons mounted independent of engine.	<input type="checkbox"/>	<input type="checkbox"/>	
Sight gauge: oil reservoir temperature gauge.	<input type="checkbox"/>	<input type="checkbox"/>	
Oil filter: Two (2) 10 micron full flow.	<input type="checkbox"/>	<input type="checkbox"/>	
Oil type: Tellus 46.	<input type="checkbox"/>	<input type="checkbox"/>	
Operator control console: swing out arm.	<input type="checkbox"/>	<input type="checkbox"/>	
Operator control valves: 3-bank mono-block spring centering series.	<input type="checkbox"/>	<input type="checkbox"/>	
Swing cylinders: Two (2) 3" bore x 10" stroke, 1.250" rod diameter.	<input type="checkbox"/>	<input type="checkbox"/>	
Lift cylinder: One (1) 3" bore x 12" stroke, 1.5" rod diameter.	<input type="checkbox"/>	<input type="checkbox"/>	
Telescoping tongue cylinder: One (1) 2.5" bore x 60" stroke, 1.5" rod diameter.	<input type="checkbox"/>	<input type="checkbox"/>	
Fittings: JIC.	<input type="checkbox"/>	<input type="checkbox"/>	
Variable displacement, high pressure, closed loop, cutter wheel drive hydrostatic pump motor: required.	<input type="checkbox"/>	<input type="checkbox"/>	
CUTTING WHEEL:	YES	NO	EXCEPTION
Wheel diameter: 28" maximum.	<input type="checkbox"/>	<input type="checkbox"/>	
Wheel thickness: 1" minimum.	<input type="checkbox"/>	<input type="checkbox"/>	
Cutting wheel bearings: 2 3/16" diameter pillow block.	<input type="checkbox"/>	<input type="checkbox"/>	
Cutter Wheel RPM: must be variable speed independent of engine RPM from 0 to 1270 RPM.	<input type="checkbox"/>	<input type="checkbox"/>	
Drive belt: Gates Polychain GT.	<input type="checkbox"/>	<input type="checkbox"/>	
Cutting teeth: RAYCO Super tooth (TM) forged, one piece, with tungsten carbide tips.	<input type="checkbox"/>	<input type="checkbox"/>	
Cutter teeth quantity: 40 maximum.	<input type="checkbox"/>	<input type="checkbox"/>	
Belt guard: Steel, one piece.	<input type="checkbox"/>	<input type="checkbox"/>	
Chip Retaining curtains: Fabric impregnated rubber.	<input type="checkbox"/>	<input type="checkbox"/>	
Cutter Wheel: must come to a stop in less than three seconds without shutting off engine.	<input type="checkbox"/>	<input type="checkbox"/>	
Cutter wheel engagement: Hydrostatic pump. No clutch necessary.	<input type="checkbox"/>	<input type="checkbox"/>	

CUTTING RANGE (WITHOUT REPOSITIONING)	YES	NO	EXCEPTION
Below ground level: 26".	<input type="checkbox"/>	<input type="checkbox"/>	
Above ground level: 31".	<input type="checkbox"/>	<input type="checkbox"/>	
Cutting width: 99.6".	<input type="checkbox"/>	<input type="checkbox"/>	
Forward - backward: 60" minimum.	<input type="checkbox"/>	<input type="checkbox"/>	
Cutting volume range: 273 cu ft minimum.	<input type="checkbox"/>	<input type="checkbox"/>	
WARRANTY:	YES	NO	EXCEPTIONS
Unit shall be covered on a minimum of 1-year warranty on parts and workmanship. The engine manufacturer shall provide a 3-year limited warranty. Hydrostatic component manufacturer shall provide a 3-year limited warranty from the date of manufacture.	<input type="checkbox"/>	<input type="checkbox"/>	
The tree stump cutting machine shall be new and unused that meets the technical description above and shall be produced by a manufacturer whose stump cutting machines have had a successful field performance record of at least ten consecutive years to date.	<input type="checkbox"/>	<input type="checkbox"/>	
ADDITIONAL ITEM:	YES	NO	EXCEPTION
One (1) spare wheel and tire LT-R16.5 shall be included.	<input type="checkbox"/>	<input type="checkbox"/>	
TRAINING:	YES	NO	EXCEPTION
The successful bidder will furnish one (1) day of operation training.	<input type="checkbox"/>	<input type="checkbox"/>	

CITY OF NIAGARA FALLS DEPARTMENT OF PUBLIC WORKS SPECIFICATIONS

NEW & UNUSED SMALL STUMPER 2010 MODEL YEAR OR NEWER

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, unused stumper.			
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. Bidder to provide warranty information, and shall state the warranty terms offered for the major components of the equipment proposed.			
4. To be delivered to Parks Garage, 911 Robbins Dr., Niagara Falls NY 14305, ATTENTION: Senior Automotive Technician Joseph Morock, at no cost to the City, no later than 90 days from receipt of purchase order.			
5. No demonstrator, prototypes or discontinued models.			
6. 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 one hundred and fifty (150) 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.			
7. Successful bidder to furnish one (1) copy of Operator's Manual, one (1) copy of Parts & Service Manual and one (1) Operation & Safety DVD for the complete unit furnished.			
GENERAL:	YES	NO	EXCEPTION
Weight: Approximately 1300 lbs maximum.	<input type="checkbox"/>	<input type="checkbox"/>	
Length: Approximately 105.5" maximum.	<input type="checkbox"/>	<input type="checkbox"/>	
Height: Approximately 48.5" maximum.	<input type="checkbox"/>	<input type="checkbox"/>	
Width: Approximately 34.5" maximum.	<input type="checkbox"/>	<input type="checkbox"/>	
Chip collection capacity: 5.5 cu. ft. minimum.	<input type="checkbox"/>	<input type="checkbox"/>	
Chassis design: electrically welded 3" x 3", 4" x 4" square steel tubing.	<input type="checkbox"/>	<input type="checkbox"/>	
Self-propel means: Self-propelled with variable speed control and automatic hill brake.	<input type="checkbox"/>	<input type="checkbox"/>	
Swing pivot bearings: 1" spherical plain minimum.	<input type="checkbox"/>	<input type="checkbox"/>	
Rear brakes: Spring applied hydraulic release. Front brakes: Pilot operated balance.	<input type="checkbox"/>	<input type="checkbox"/>	
Tires: 5.70" x 8" extra gripping tread required.	<input type="checkbox"/>	<input type="checkbox"/>	
Drive axle bearings: 1 ¼" flange roller minimum with grease fitting.	<input type="checkbox"/>	<input type="checkbox"/>	

GENERAL - CONT:	YES	NO	EXCEPTION
Dual wheel steering: axle w/5.70" x 8" extra gripping deep tread, maximum 34.25" width.	<input type="checkbox"/>	<input type="checkbox"/>	
Fenders: steel bolt-on required.	<input type="checkbox"/>	<input type="checkbox"/>	
Tool box: required.	<input type="checkbox"/>	<input type="checkbox"/>	

ENGINE:	YES	NO	EXCEPTION
Model: Kohler Command 25HP required.	<input type="checkbox"/>	<input type="checkbox"/>	
Number of cylinders: 2.	<input type="checkbox"/>	<input type="checkbox"/>	
Maximum no load RPM: 3600.	<input type="checkbox"/>	<input type="checkbox"/>	
Gross HP at maximum no load RPM: 25HP minimum.	<input type="checkbox"/>	<input type="checkbox"/>	
Maximum rated torque: 39.5 lbs @ 2500 RPM minimum.	<input type="checkbox"/>	<input type="checkbox"/>	
Cooling medium: unrestricted air flow required.	<input type="checkbox"/>	<input type="checkbox"/>	
Air cleaner: heavy duty, dual element, dry type.	<input type="checkbox"/>	<input type="checkbox"/>	
Oil filter: spin-on type.	<input type="checkbox"/>	<input type="checkbox"/>	
Fuel tank capacity: 6.5 gallons minimum.	<input type="checkbox"/>	<input type="checkbox"/>	
Electrical system: 12 volts/15 AMP alternator required.	<input type="checkbox"/>	<input type="checkbox"/>	
Oil pump: K95 required.	<input type="checkbox"/>	<input type="checkbox"/>	

HYDRAULIC SYSTEM:	YES	NO	EXCEPTION
Cutter pump displacement: 0.365 cu. in. minimum.	<input type="checkbox"/>	<input type="checkbox"/>	
Pump gallonage @ 3600 RPM: 1.8GPM minimum.	<input type="checkbox"/>	<input type="checkbox"/>	
System pressure relief: 1500 PSI minimum.	<input type="checkbox"/>	<input type="checkbox"/>	
Oil tank capacity: 2 gallons minimum.	<input type="checkbox"/>	<input type="checkbox"/>	
Oil filter: 10-Micron full flow.	<input type="checkbox"/>	<input type="checkbox"/>	
Oil type: SAE 10.	<input type="checkbox"/>	<input type="checkbox"/>	
Valve: spring-centered series.	<input type="checkbox"/>	<input type="checkbox"/>	
Hose capacity: 8000PSI surge.	<input type="checkbox"/>	<input type="checkbox"/>	
Cross travel cylinders: two (2) minimum 2" bore, 4" stroke, 3/4" rod minimum.	<input type="checkbox"/>	<input type="checkbox"/>	
Hydraulic wheel drive motor: 11.8 cu. In/rev.	<input type="checkbox"/>	<input type="checkbox"/>	
Drive chain: 50R series minimum.	<input type="checkbox"/>	<input type="checkbox"/>	
Fittings: O-ring and JIC required.	<input type="checkbox"/>	<input type="checkbox"/>	

CUTTING WHEEL:	YES	NO	EXCEPTION
Wheel diameter: 17.25" maximum.	<input type="checkbox"/>	<input type="checkbox"/>	
Wheel thickness: ½" minimum.	<input type="checkbox"/>	<input type="checkbox"/>	
Cutting wheel bearings: 1.5" pillow block minimum.	<input type="checkbox"/>	<input type="checkbox"/>	
Hub: bolt-in required.	<input type="checkbox"/>	<input type="checkbox"/>	
RPM: 1558 approximately.	<input type="checkbox"/>	<input type="checkbox"/>	
Intermediate belt: banded "A" type 3-section V-belt.	<input type="checkbox"/>	<input type="checkbox"/>	
Drive chain: Gates Polychain GT, low maintenance.	<input type="checkbox"/>	<input type="checkbox"/>	
Jackshaft bearings: 1.5" pillow block minimum.	<input type="checkbox"/>	<input type="checkbox"/>	
Cutting teeth: Rayco Super tooth forged, one-piece, with tungsten carbide tips.	<input type="checkbox"/>	<input type="checkbox"/>	
Cutter teeth quality: 18 maximum.	<input type="checkbox"/>	<input type="checkbox"/>	
Belt guard: steel required.	<input type="checkbox"/>	<input type="checkbox"/>	
Chip retaining curtains: fabric impregnated rubber.	<input type="checkbox"/>	<input type="checkbox"/>	
Cutter wheel engagement: electromagnetic clutch with the "Quick Stop" brake system.	<input type="checkbox"/>	<input type="checkbox"/>	
CUTTING RANGE (without repositioning):	YES	NO	EXCEPTION
Below ground level: 13" minimum.	<input type="checkbox"/>	<input type="checkbox"/>	
Above ground level: 26" minimum.	<input type="checkbox"/>	<input type="checkbox"/>	
Cutting width: 39" minimum.	<input type="checkbox"/>	<input type="checkbox"/>	
Forward - backward: unlimited in drive mode.	<input type="checkbox"/>	<input type="checkbox"/>	
ADDITIONAL ITEMS:	YES	NO	EXCEPTION
RGA1625A custom trailer.	<input type="checkbox"/>	<input type="checkbox"/>	
Command cut.	<input type="checkbox"/>	<input type="checkbox"/>	
Dual wheel tires.	<input type="checkbox"/>	<input type="checkbox"/>	
Additional chip retainers.	<input type="checkbox"/>	<input type="checkbox"/>	
Pintle hitch.	<input type="checkbox"/>	<input type="checkbox"/>	
Jack stand w/caster wheel.	<input type="checkbox"/>	<input type="checkbox"/>	
One (1) spare wheel and tire.			
Emergency switch.	<input type="checkbox"/>	<input type="checkbox"/>	
WARRANTY:	YES	NO	EXCEPTION
Unit shall be covered on a minimum one (1) year warranty on parts and workmanship. The engine manufacturer shall provide a two (2) year warranty.	<input type="checkbox"/>	<input type="checkbox"/>	