

City of Portsmouth
Portsmouth, New Hampshire
Public Works Department

Bid#12-16
New 15" Tree/Brush Chipper
With
2002 Woodchuck Hyroller 1200
Chipper Trade-in

INVITATION TO BID

Sealed bid proposals, plainly marked "Bid 12-16 New 15" Tree/Brush Chipper with Trade-in" on the outside of the envelope, addressed to the Finance/Purchasing Department, City Hall, 1 Junkins Avenue, Portsmouth, New Hampshire, 03801, will be accepted until 2:00 p.m. August 19, 2015 at which time all bids will be publicly opened and read aloud.

Scope: New 15" Tree/Brush Chipper for the Highway Division of the City of Portsmouth Public Works Department. The intent of this specification is to procure a new Morbark model Beaver M15R or equivalent.

This bid is available at <http://www.cityofportsmouth.com/finance/purchasing.htm> or by contacting the Finance/Purchasing Department at the following number: (603) 610-7227.

Questions may be directed to the Finance/Purchasing Department. Addenda to this proposal, if any, including written answers to questions, will be posted on the City of Portsmouth website under the project heading.

The City of Portsmouth reserves the right to reject any or all bids, to waive technical or legal deficiencies, and to accept any bid that it may deem to be in the best interest of the City.

INSTRUCTION TO BIDDERS

I. Preparation of Bid Proposal

- A. The Bidder shall submit its proposal upon the form furnished by the City (attached). Prices shall be given in both words and figures.
- B. Corrections made to amounts or information requested on the bid form should be made by crossing out the error and entering the new price or information above or below it. The correction must be initialed. In case of discrepancy between the prices written in words and those written in figures, the prices written in words shall govern.
- C. The bidder's proposal must be signed by the individual, by one or more members of the partnership, by one or more members or officers of each firm representing a joint venture; by one or more officers of a corporation, or by an agent of the contractor legally qualified and acceptable to the owner. If the proposal is made by an individual, his/her name and post office address must be shown, by a partnership the name and post office address if each partnership member must be shown; as a joint venture, the name and post office address of each must be shown; by a corporation, the name of the corporation and its business address must be shown, together with the name of the state in which it is incorporated, and the names, titles, and business addresses of the President, Secretary, and Treasurer.
- D. All words, figures, corrections shall be in ink or typed. All signatures shall be in ink.
- E. Addenda to this proposal, if any, including written answers to questions, will be posted on the City of Portsmouth website at <http://www.cityofportsmouth.com/finance/purchasing.htm> under the project heading. Addenda and updates will **NOT** be sent directly to firms. Bidders submitting a proposal should check the web site for addenda and updates after the release date. Bidders should print out, sign and return addenda with the proposal. Failure to do so may result in disqualification.
- F. Disadvantaged Business Enterprises (DBEs) as defined in 49 CFR Part 26 are encouraged to submit a proposal. If applicable, documentation of DBE status shall be included with the submittal.

II. Delivery of Bid Proposals

When sent by mail, the sealed proposal shall be addressed to the owner at the address and in the care of the official in whose office the bids are to be received. All proposals shall be filed prior to the time and at the place specified in the invitation for bids. Proposals received after the time for opening of the bids will be returned to the bidder, unopened. Faxed bid proposals are not acceptable.

III. Withdrawal of Bid Proposals

A bidder will be permitted to withdraw his/her proposal unopened after it has been deposited if such request is received in writing prior to the time specified for opening the proposals.

IV. Public Opening of Bid Proposals

Proposals will be opened and read publicly at the time and place indicated in the invitation for bids. Bidders, their authorized agents, and other interested parties are invited to be present.

V. Irregular Proposals and Disqualification of Bidders

Bid proposals that are irregular may be rejected. Irregular bid proposals include the following:

- A. Failure to use the bid form provided or alteration of the form.
- B. Unauthorized additions, conditional or alternated bids, incomplete bids, or irregularities of any kind which may tend to make the proposal incomplete, indefinite or ambiguous as to its meaning.
- C. The addition of any provision reserving the right to accept or reject an award, or to enter into a contract pursuant to an award.

Bidders may be disqualified and the bid proposal rejected for the following reasons:

- A. More than one proposal for the same work from an individual, firm, or corporation under the same or different name;
- B. Evidence of collusion among bidders;
- C. Failure to submit all required information requested in bid specifications;
- D. Bidder is not qualified or able to provide the services or product(s) described in the bid specifications; or
- E. Disqualification is in the best interest of the City of Portsmouth.

AWARD

I. Consideration of Proposals and Award

After the proposals are opened and read, bid results will be available to the public. In case of discrepancy between the prices written in words and those written figures, the prices written in words shall govern.

Within 30 calendar days after the opening of proposals, if an award is made, it will be made to the lowest, responsible, qualified bidder whose proposal complies with all the requirements prescribed. The successful bidder will be notified by mail at the address indicated on the proposal.

The award shall not be considered official until such time that a purchase order, fully executed contract or an award letter has been issued by the Finance Director. No presumption of award shall be made by the bidder until such documents are in hand. Verbal notification of award is not considered official. Any action by the bidder to assume otherwise is done so at his/her own risk and the City will not be held liable for any expense incurred by a bidder that has not received an official award.

III. Reservation of Rights

The City reserves the right to cancel the award at any time before final notification of the successful bidder without any liability against the City. The City of Portsmouth reserves the right to reject any or all bids, to waive technical or legal deficiencies, and to accept any bid that it may deem to be in the best interest of the City.

New 15” Tree/Brush Chipper:

For the Highway Division of the City of Portsmouth Public Works Department

The intent of this specification is to procure a new Morbark model Beaver M15R or equivalent.

The following are minimum acceptable specifications. Any exceptions shall be noted in the column titled “Actual Bid”

Minimum Requested:	Actual Bid:
<u>Engine Components:</u>	
Minimum of 140 hp tier IV diesel motor manufactured by Cummins or John Deere	_____
Minimum of a 78 amp alternator	_____
Heavy duty, low maintenance, 1400 CCA battery	_____
Coolant system designed for operation in Temperatures up to 120° F	_____
Heavy Duty, two stage air cleaner with dry cartridge	_____
Primary and secondary fuel filter with water separator	_____
Full flow, spin on oil filter	_____
High engine temperature/low oil pressure engine shutdown system	_____
32 gallon fuel tank with Rochester sight gauge	_____
Engine shall be fully enclosed on all sides with lockable sheet metal panels	_____
Standard engine manufacturer’s warranty	_____
<u>Instrument Panel:</u>	
Ammeter	_____
Tachometer	_____

Hour meter _____

Temperature gauge _____

Oil pressure gauge _____

Ignition key switch _____

Instrument panel will be mounted
curbside for operator's protection _____

Dimensions:

Length: 17 ft. _____

Height: 8 ft. 11 inches _____

Width: 7 ft. 1 inch _____

Weight: 8,900 lbs. (approx.) _____

Trailer:

Frame:

Rectangular steel tubing 2"x 6" or larger _____

4"x 6" Main center beam _____

4"x 10" x 12" tool box (approx.) mounted
curbside on frame _____

Chocks and chock holder _____

Cone holder _____

Tongue:

3" Lunet ring _____

Adjustable height hitch _____

Telescoping tongue with (2) 12" adjustments _____

Safety chains with tensile strength equal to
gross trailer weight _____

Axle:

Single 9000 lb rated Torflex axle

Equipped with electric brakes and brake actuator

Tires will be 16 ply 215/75R 17.5 one spare included

Wheels will be solid dished 8 bolt pattern one spare included

Wheels will be protected by 11 gauge steel hexagonal fenders with splash guard

Electrical:

Four function LED lights wired to meet ICC regulations. All wires will be protected inside frame tube or steel conduit when possible

Cole-Hersee 7 prong flat pin electrical connector

Taillight wires will be a minimum of 16 gauge and double insulated

Taillights will be hermetically sealed and protected inside steel plate housing

Unit will be equipped with a license plate holder and light

Chipper Assembly:

Chipper Drum:

23 ¾" wide x 30" diameter drum with separate fan impeller and divider in chipper housing to control air discharge

Drum speed will be a maximum of 1500 RPM

Drum must be capable of being secured by two 1" diameter pins to prevent rotation while being Serviced

Drum shaft will be a minimum of 2 7/16” diameter

Shaft will be supported by two B-loc bushings at the drum and a pillowblock bearing on each side of the chipper housing

Knife Pockets:

Four Pockets 2 1/4” x 10 3/4” x 4” deep integrated into face of the drum

Four removable knife holders

Four double edged, reversible chipper knives constructed of A-8 modified steel. Knife must be a minimum of 5” wide by 5/8” thick. An set of knives will be provided

Chipper Housing:

Lower housing shall be a minimum of 3/8” steel

Upper housing shall be a minimum of 1/4” steel

A single 3/4” pin that extends across the entire chipper hood shall secure the hood to the chipper base

Chipper hood will be equipped with a safety device to prevent engine from running while open

Discharge System:

Chips will be discharged by a combination of centrifugal force and an air impeller mounted to the drum shaft

Discharge chute must have the ability to manually rotate 360 degrees and have the ability to lock in place by a pin

Will be equipped with a cleanout door on the side of the discharge

Will be equipped with a cleanout door on the bottom of the discharge

Infeed System:

Infeed Chute:

Chute opening to be 56" wide x 37" high

Opening at feed rollers to be a minimum of 20" wide x 15" high

Feed table length will be a minimum of 60"

Feed table will be fixed not folding

Two safety pull cables will be in the infeed

Will be equipped with a rubber infeed curtain

A heavy duty, 5000 lb pull capacity winch shall be install over the infeed chute. The winch will come with rope and 10' of chafe guard

Feed Rollers:

Unit will be equipped with two horizontal feed rollers

Top feed roller will be a minimum of 20" wide x 18" in diameter

Top feed roller will be mounted in a support to allow entire assembly to travel 16" above the infeed bottom

Top feed roller shall have constant hydraulic down pressure with a manual override

Top feed roller assembly shall have the Ability to hydraulically raise for access to the anvil. A 1" pin will be provided to lock in the open position

Bottom feed roller shall be a minimum of 20" wide x 9 1/2" in diameter

Feed rollers will have a reversing auto-feed system

Feed rollers will be controlled by the safety bar with forward, neutral and reverse positions. The valve will be protected by stops for the forward and reverse position

Hydraulic System:

Tank will be 12 gallon minimum capacity

Tank will have a ball valve on the outlet

Tank cap will be vented and lockable

Tank will be equipped with a Rochester sight glass

System will be equipped with a 10 micron spin on filter

The pump will be a Casappa split gear type, 2500 RPM, 9.63 GPM

Color:

Manufacturers standard orange

The unit will be painted using the Morthane Paint System

Manuals:

2 sets of equipment manuals

Training:

4 hours of training in the use and operation of unit

4 hours of training in the maintenance and repair of unit

Warranty:

Standard equipment manufacture's warranty on chipper unit

Standard engine manufacture's warranty on engine

To Be Traded:

2002 Woodchuck Hyroller 1200 chipper with unknown hours

An equivalent new 15" tree/brush chipper will be considered that meets the bid specifications. The City in its sole discretion will determine if a new 15" tree/brush chipper other than a Morbark model Beaver M15R is an equivalent and satisfies the bid specifications.

Bid Proposal

New 15" Morbark Model Beever M15R Tree/Brush Chipper or Equivalent

Item #1 New 15" Tree/Brush Chipper:

\$ _____	\$ _____
Price in Words	Price in Figures

Item #2 Warranties:

Standard Equipment Manufacturer's Warranty on Chipper Unit

\$ _____	\$ _____
Price in Words (if applicable)	Price in Figures (if applicable)

Standard Engine Manufacturer's Warranty on Engine

\$ _____	\$ _____
Price in Words (if applicable)	Price in Figures (if applicable)

Item #3 Trade in Allowance: 2002 Woodchuck Hydroroller 1200 Chipper with Unknown Hours

_____	\$ _____
Price in Figures	Price in Words

TOTAL BID:

Items#1 plus Item#2 minus Item#3 trade-in value

\$ _____	\$ _____
Price in Words	Price in Figures

DELIVERY NEW VEHICLE: Bidder must state approximate number of days for delivery. Delivery is expected 60 days from the date of order. Bidder must deliver chipper to the Public Works Department, 680 Peverly Hill Road, Portsmouth, New Hampshire.

Approximate Number of Days for Delivery: _____

The undersigned agrees that he/she on behalf of Bidder has read the bid proposal documents, the instruction to bidders specifications and agrees to the terms and conditions set forth herein. Bidder understands that bid prices shall include delivery FOB to the address identified in the bid documents and bid price shall be firm for at least 60 days.

Bidder further agrees that this bid is not made jointly or in conjunction, cooperation or collusion with any person, firm, corporation or other legal entity.

Bidder agrees no officer, agent or employee of the Owner is directly or indirectly interested in this Bid.

Submitted by Authorized Agent:

(Print Name & Title)

Signature: _____

Date: _____

Company: _____

Address: _____

City/State/Zip: _____

E-mail address: _____

Telephone: _____

Fax: _____