

City of Portsmouth
Portsmouth, New Hampshire
School Department
Bid # 08-10

INVITATION TO BID

The City of Portsmouth, New Hampshire is seeking bids for a 2009 Wide Area Mower for the School Department. **Sealed bid proposals, plainly marked Bid #08-10 2009 Wide Area Mower on the outside of the mailing envelope and the sealed bid envelope**, addressed to the Finance/Purchasing Department, City Hall, 1 Junkins Avenue, Portsmouth, NH 03801, will be accepted until 2:00 p.m., August 28, 2009, at which time all bids will be publicly opened and read aloud.

Bid packages may be obtained from the City's web site: www.cityofportsmouth.com, or by contacting the Finance/Purchasing Department on the third floor at the above address, or by calling the Purchasing Coordinator at 603-610-7227. Addenda to this bid document, 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 vendors. Questions may be addressed to the Purchasing Coordinator.

The Bidder must be a full-time lawn mower dealer within a 75 mile radius from 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.

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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 in 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 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. Contractors submitting a proposal should check the web site daily for addenda and updates after the release date. Firms should print out, sign and return addenda with the proposal. Failure to do so may result in disqualification.

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.

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III. Withdrawal of Bid Proposals

A bidder will be permitted to withdraw his 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:

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

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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.

II. 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.

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PROPOSAL FORM

2009 Wide Area Mower

CITY OF PORTSMOUTH, N.H.

To the City of Portsmouth, New Hampshire, herein called the Owner.

The undersigned, as Bidder, declares as follows:

1. All interested in the Bid as Principals are named herein.
2. This bid is not made jointly, or in conjunction, cooperation or collusion with any other person, firm, corporation, or other legal entity.
3. No officer, agent or employee of the Owner is directly or indirectly interested in this Bid.;
4. The bidder has carefully read and examined the Bid Documents and knows and understands the terms and provisions thereof.
5. The bidder understands that the bidder will supply or perform all labor, services, plant, machinery, apparatus, appliances, tools, supplies and all other activities required by this bid process in the manner and within the time therein set forth, and that the bidder will take in full payment therefore the following item prices as set forth below.
6. Bid price shall remain firm for thirty (30) days.

Vendor to specify the Make & Model Number of the 2009 Wide Area Mower being proposed:

Bid Price for Wide Area Mower: _____ \$ _____
Price in Words Price in Figures

Trade in Allowance: 1998 John Deere Mower front deck/side discharge/diesel fuel/ 1000 hrs of use.

Mfg. Identification Number: M01002/X141145

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

Base Bid:
Wide Area Mower

Minus Trade in Allowance: \$ _____ \$ _____
Price in Figures Price in Words

Vendor: List the approximate date of delivery (30 days from date of order): _____ FOB delivered to the Portsmouth High School, Andrew Jarvis Drive, Portsmouth, NH.

Price must include all items listed under the General Specifications or equivalent items.

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Include mower specifications and warranty information with your proposal.

Date

Company

By: _____

Print Name

By: _____

Signature

Title: _____

Business Address: _____

City, State, Zip Code: _____

Telephone: _____

Email Address: _____

All Bids are to be submitted on this form and in a sealed envelope, plainly marked on the outside with the Bidder's name and address and the Project name as it appears at the top of the Proposal Form.

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General Specifications – 2009 Wide Area Mower
John Deere 1600 Series II WAM

- 1) Engine – Yanmar, Full-pressure lubrication, OHV for efficient combustion, Isolated engine; Engine is now 16 valve (4 valves per cylinder)
- 2) Horsepower – net – 55.3 @ 3000 rpm - gross – 57.3 @ 3200 rpm
- 3) Displacement – 122 cu. In. (1995cc)
- 4) 117.3 ft.-lb. of torque @ 3000 rpm
- 5) Cylinders – 4
- 6) Injection – Direct
- 7) Starting Aid – Air heater
- 8) Rated Engine Speed – 3000 rpm
- 9) Operating Range – 1400 -3200 rpm
- 10) Lubrication – Pressurized
- 11) Oil Filter – Spin on
- 12) Cooling – Liquid Cooled
- 13) Cooling System Capacity – 2.5 US gal.
- 14) Crankcase Capacity – 6.1 US qt.
- 15) Air Cleaner – Dual Element, Dry Type
- 16) Air Restriction Indicator – Standard, Progressive type
- 17) Fuel Type – Diesel
- 18) Fuel Pump Type – Mechanical
- 19) Fuel Capacity – 22 US gal.
- 20) Hydraulic Filtration –10 micron return (charge) filter and the 100 mesh strainer in the tank
- 21) Electrical - charging system – Automotive type
- 22) Alternator – 55 amp
- 23) Battery Voltage – 12volt
- 24) 20-watt halogen headlights
- 25) Transmission – Hydrostatic
- 26) Transaxle Type – Dual Range
- 27) Transaxle – Tuff Torque, Kanzaki
- 28) 4 Wheel Drive – On Demand or Full Time
- 29) 4 Wheel Drive Type – Mechanical rear wheel drive
- 30) Brakes – Internal Wet disk
- 31) Steering Brakes – Standard
- 32) Parking Brakes – Ratchet Engagement
- 33) Differential lock is standard equipment. (locks both front drive wheels together for extra traction when needed)
- 34) Frame – 11 gauge, welded, tubular steel
- 35) Steering – Power, Hydrostatic
- 36) Travel Speed – Low forward -0-8.6, High Forward – 0-14.4, low reverse-0-4.3, high reverse, 0-7.2 Machine can mow in high range

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- 37) Seat – Fore-and-aft adjustment, Adjustable, deluxe, high back, standard armrest
- 38) Tires – Front -26x12-12, (6-ply) (30psi)– rear – 18x9.5-8 (6-ply)(28 psi)
- 39) Tread – multi-trac
- 40) Wheel Base – 60 in.
- 41) Tread width – 52 in.
- 42) Length (with deck) – 132 in.
- 43) Height (with Rops) – 77 in.
- 44) Throttle – Hand
- 45) Forward/Reverse – Two-pedal
- 46) Mower lift – Three, 2 function switches
- 47) Park Brake – Foot pedal/disk
- 48) Indicator lights- Engine air heater, Oil pressure light, engine temperature light, fuel gauge
- 49) Diagnostic control module features LED lights and a “heartbeat” to aid in diagnostics and lead the technician to the proper circuit. Each switch on the machine has its own LED light on the controller so input and output functions can be diagnosed by observing the appropriate lights.
- 50) Service points on left side of machine:
 - .. Fuel fill
 - .. Engine oil check
 - .. Engine oil filter
 - .. Hydraulic oil fill
 - .. Hydraulic oil filter
 - .. Air filter restriction indicator
 - .. Engine coolant check
- 51) The 1600 has an operator presence system.
In order to start engine:
 - .. The hydrostatic foot controls must be in neutral
 - .. The PTO must be disengaged
 - .. The operator must be in the seat or the parking brake must be set
 - .. The ignition key must be used In addition, once the engine is running, an interlock will automatically shut the engine and PTO off if the operator leaves the seat.
 - .. To keep the engine running, the operator must disengage the PTO and set the parking brake before dismounting.
- 52) Finger-touch controls include:
 - .. Left mower deck lift/lower switch
 - .. Front mower deck lift/lower switch
 - .. Right mower deck lift/lower switch
 - .. Throttle lever
 - .. PTO switch
 - .. Speed range lever
 - .. Four-wheel-drive lever
 - .. Hourmeter

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53) Deck Drive Type – Hydraulic, closed-loop

Mower decks are hydraulically driven, utilizing a separate closed-loop system with one gear-type motor for each deck. Blades are belt-driven from each deck motor

54) Cutting Widths – 128 in., 94 in., 62 in.

55) Center Deck cutting width – 62 in.

56) Wing Deck Cutting Width – 42 in.

57) Wing Deck Mowing Capabilities: 45 Degrees above Horizontal / 20 Degrees below horizontal

58) Discharge – Rear

59) Deck Construction – Fabricated

60) Patented impact-absorbing wing deck system

An exclusive; allows the wing decks to move rearward and in when contacting obstructions.

61) Safety certified and conform to ANSI B71.42004 Safety Certification

Specifications for Commercial Turf Care Equipment),

62) Deck Thickness – 7 gauge

63) Height of cut range – 1 – 5.5 in.

64) Mowing Rate – 80% Field Efficiency – 10 acres per hour @ 10 mph w/80% efficiency

65) Anti-Scalp Rollers – Pneumatic – 4 11x4-5, 2 11x4-5

66) Blades – total - 7, 3 center, 2 each side

67) Blade Length – 22 in.

68) Blade Width – 2.5 in.

69) Blade Thickness - .312 in.

70) Blade tip speed – 13,000 fpm

71) Interchangeable Mower Blades between all Decks – YES

72) Warranty – 2 years

73) Hood is composed of a large crosslink poly ethylene composite piece with green side panels. The composite part helps to guide the cooler air from above the machine to the radiator. The design provides a more uniform distribution of air, as well as minimizing the amount of chaff collecting on the exterior screens.

74) Additional sealing around the operator station reduces the amount of hot air blowing on the operator, which in turn improves operator comfort.

75) Power in adverse conditions (have to demo in conditions).

Deck Drive System-

- Ability to transfer full horsepower to one or two decks verses three.
- Traction Drive System- (Rear Wheel Drive) on demand and full time ability to have 4WD in reverse.

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MANUALS:

At least one (1) parts manual, one (1) operational manual, and one (1) COMPLETE SET of SHOP MANUALS (if applicable) are required - (can be in CD-ROM.).

TRAINING:

A minimum of one (1) hour of operational and mechanical factory training are required on the unit.

TRADE IN: 1998 John Deere Mower with

Front deck/side discharge

Fuel: diesel

Usage: 1000 hours

Mfg. Identification Number: M01002/X141145

EQUIVALENT PRODUCT: Bids will be accepted for consideration on any make and model that is equal to or superior to the specified 2009 John Deere 1600 Series II WAM
Please note: Any exceptions, variations and or deletions must be detailed in writing or bid may be rejected as NON RESPONSIVE.

DELIVERY:

Must be within 30 days of receipt of firm order. Bid price must include delivery FOB to the Portsmouth High School, Andrew Jarvis Drive, Portsmouth, NH.