

City of Waterville
DEPARTMENT OF PUBLIC WORKS
6 Wentworth Court
Waterville, Maine 04901-4892

TEL (207) 680-4744 FAX (207) 877-7532

REQUEST FOR BIDS

Truck Chassis w/ Integrated Street Sweeper Body

DATE: May 3, 2016

INSTRUCTIONS TO BIDDERS

- 1. GENERAL:** The City of Waterville is accepting bids for a Truck Chassis & Mounted Body Street Sweeper meeting the specifications accompanying this document.
- 2. BID SUBMITTAL:** Sealed bids will be accepted by the Office of the Director of Public Works, 6 Wentworth Court, Waterville, Maine 04901 up to and including local time, **9:30 AM, Thursday, May 26, 2016** at which time they will be publicly opened and read. All bids will be placed in a sealed envelope clearly marked "**Bid –Truck Chassis & Integrated Street Sweeper Body**" in the center with the bidder's name and address in the upper left hand corner. Bids not dated and time stamped by the Office of the Director of Public Works prior to the specified date and time stated above will be returned unopened.
- 3. WITHDRAWAL OR REVISION OF BID:** A bidder may withdraw or revise a bid after it has been received by the Office of the Director of Public Works, provided the request is made in writing or in person before the time set for bid opening.
- 4. BID AWARD:** Bid award, if the City determines to award, will be made within thirty (30) calendar days after bid opening, to the lowest responsible bidder whose bid fully complies with the requirements specified contingent upon approval by the City Council. The City reserves the right to reject any and/or all bids without absorbing any liability against the City.
- 5. Evaluation of Bids:** For purposes of evaluating the bids, in the event of any discrepancies on a proposal between an amount written out in words versus the same amount expressed in numbers, the amount written in words shall govern (if applicable). Similarly, unit prices shall prevail over extended totals. In the event of Additive Bid Items, the "low bid" shall be based upon the least total for the highest combination of Bid items which may be awarded within the Control

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Amount (i.e. a predetermined budget amount to be disclosed at the time of bid opening). In the event that all Base Bids exceed the Control Amount, the "low bid" shall be based solely upon the lowest Base Bid submitted. Bidders shall examine and familiarize themselves with the Specifications and Bid Documents. The bidder shall in no way be relieved of any obligation to provide the product, service and/or equipment specified through error, mistake or omission.

6. INTERPRETATION OF ADDENDA: It shall be the bidder's responsibility to make inquiry as to any interpretation of the specifications or requirements of the participants. Any changes in the specifications shall be by written addenda.

7. SPECIFIED QUANTITY: One (1) Unit

8. INVOICES AND PAYMENT: Invoices shall be transmitted to the City of Waterville, 1 Common Street, Waterville, Maine 04901-6699. It is the practice of the City of Waterville to pay invoices within thirty (30) days of receipt. The City is exempt from State of Maine Sales Tax.

9. PENALTY CLAUSE: N/A

10. INSURANCE: N/A

11. PERFORMANCE BOND: N/A

12. CANCELLATION: The City reserves the right to cancel any unfulfilled portion of the Contract if, in the opinion of the City, the services or materials supplied are unsatisfactory or are not in compliance with the terms and conditions of the Specifications. Cancellation shall be effective following ten (10) calendar days written notice to the Bidder.

13. EXCEPTIONS TO SPECIFICATIONS: These instructions to Bidders and General Paragraphs are an integral part of the Specifications for a newly manufactured **Truck Chassis & Mounted Street Sweeper Body** and will be binding on the Bidder. Bidders are advised that they shall be bound to the requirements of the Specifications, Instructions to Bidders and General Paragraphs unless exceptions are otherwise clearly noted in the Proposal. Any exceptions shall be considered, however, in determining the most acceptable proposal.

14. INQUIRIES: Any questions concerning this bid request should be directed to Fred Dechaine, Garage Foreman, Department of Public Works, 6 Wentworth Court, Waterville, Maine 04901. Telephone inquiries can be made by calling (207) 680-4746 between the hours of 8:00 AM & 3:00 PM Monday thru Friday.

15. GENERAL PARAGRAPHS: See Attached Bid Specifications

STREET SWEEPER SPECIFICATIONS

Truck Chassis Mounted Vacuum or Regenerative Air Street Sweeper

General

- The intent of this specification is to secure the latest model and design “Vacuum or Regenerative Air Street Sweeper” with extension broom capable of removing litter, debris, etc. from street surfaces. All items appearing in Manufacturer’s published literature and specifications as standard are assumed to be included in bidder’s proposal. Bidders may bid for either one or both of the requested sweeper types.

Cab/Chassis

- Must be diesel engine; shatterproof safety glass, dark tint windshield; dual two-speed windshield wipers and washers; factory installed AC/Heater and defroster; high back air suspension bucket seats or mid-back in air ride seats for both operator positions.
- Dual operating controls, RH and LH, AM/FM radio, LH and RH grab handles, seatbelts, LH and RH electric remote West Coast Sr. type outside mirrors, with 8” spot mirrors.
- Controls for all drive and sweeping functions shall be in-cab mounted.
- Engine protection system utilizing coolant temperature, oil pressure, etc.
- Minimum H.P. on chassis engine to be 200
- Chassis must have a minimum 32,000 pound GVWR and meet all current emission and motor vehicle standards

Electrical System, 12 Volt

- Standard sealed multiple beam headlights with dimmer switch, combination stop, tail, backup and directional signals, hazard warning flashers, clearance lights, front side marker lights, inside cab dome light and instrument lights.
- 160 Amp Alternator
- (Preferred) Wiring harnesses are to be color coded with a preference for hot stamping and labeling a min. of every 12”.
- Battery box/holder(s) shall be mounted to chassis easily accessible.

Brakes

- Full air, service complete, cam type
- Parking brake to be spring set with air release

Steering

- Full power hydraulic

Sweeping/Cleaning Equipment

- Hopper and all wear areas such as fan housing & pickup head shall be rust proof (resistant) of some sort such as stainless steel, aluminum, equivalent epoxy coated, replaceable liners, or other proven means.

Blower Fan & Exhaust

- Fan compartment shall be acoustically lined/sound suppressed and include replaceable wear liner. Fan speed independent of vehicle speed.

- Fan, fan compartment and all drive mechanisms shall be housed in an enclosed compartment for safety and additional sound suppression.

Side or Gutter Brooms

- Located each side, center of sweeper; hydraulically driven and hydraulic or pneumatic raised, lowered, suspended, adjusted, and tilted with variable speed control with inside cab controls.
- Power tilt gutter brooms on both sides controlled from inside cab.

Vacuum Nozzles/(Vacuum Sweepers Only)

- Minimum 10" inside diameter pickup heads; smooth inside bore Nozzles to be aluminum or hardened mild steel; quick disconnect at pickup head.
- For safety nozzles must automatically raise when truck is placed in reverse.

Pick-Up Sweeping Head/ (Regenerative Air Sweepers Only)

- Minimum of 87" wide with 2" abrasion resistant steel shoes/runners, heavy duty 3/8" thick wall rubber hoses attaching to hopper, quick disconnect on suction hose only, suspended from a minimum of 4 adjustable springs one (1) on each corner of pick-up head.
- For safety head must automatically raise when truck is placed in reverse.
- For performance, regenerative pick-up head must include a broom inside of the head.

Water System

- Industrial grade polyethylene or stainless steel water tank to be standard of manufacturer with filler capacity, strainer and tank level indicator. Minimum of four (4) spray nozzles on main broom, two (2) on each side broom, one (1) to dampen debris being swept by suction nozzle, and a front spray bar, or additional nozzles for dusty areas being swept, all spray nozzles controlled separately on console inside cab.
- Inside cab 'low' water indicator required.
- Hydrant fill hose required, minimum 12 feet.
- A Stainless Steel mesh filter is required in the water system to prevent spray bars from clogging.

Automatic Lubrication System

- Complete with individually calibrated injector pumps and lines for each grease point. An electronic controller will allow for adjustment of lubrication cycles. A manual override button will provide for testing.

Engine, Sweeper

- Minimum 4-cylinder turbo charged diesel; engine should have air-cleaner with pre-cleaner, full flow oil filter, variable RPM control, temperature and oil and coolant level shut-off, and emergency shut-off.
- Engine compartment to be easily accessible from left and right for service.
- A shutdown shall be supplied which stops the engine when the hydraulic oil in the reservoir falls below the acceptable level required.
- A shutdown shall be supplied which stops the engine when the engine temperature and oil pressure falls below the acceptable level required.

Hopper

- Hopper shall be a minimum of seven cubic yard capacity
- For safety, hopper load indicator must be provided to warn Operator that chassis is loaded to capacity of chassis suspension rating.

Instruments, Inside Cab mounted

- Water temperature, oil pressure and diesel gauges for all engines, ammeter, speedometer/odometer, tachometer, electric hour meter for all engines, broom hour meter. All instruments are to be located on dash of cab, centrally located for good vision from operator position(s).

Control Panel

- Shall include all sweeping and auxiliary engine controls. The control panel shall be mounted forward in the truck cab to allow easy viewing and access to all controls from either operator's position.

Arrow Bar

- Arrow bar LED lighting and be mounted on rear of Sweeper body.
- Arrow Bar controls shall be mounted in cab.
- A Life Last Coating or equivalent epoxy repair kit or bolt in replaceable wear liners shall be provided for additional protection of the entire interior surface in the hopper.
- Pricing should include listing for a cab jack as an option on the Bid Sheet. Cab jack will assist in raising the cab to prevent bodily damage (e.g. Back strain). *Ease of operability and safety is heavily looked upon.*

Safety Systems

- Backup alarm when transmission is placed in reverse, all sweep functions shall stop rotating and raise-up.
- Two (2) top-mounted **LED warning** lights shall be supplied with light protector. One (1) **LED warning** light to be mounted rear of unit and one (1) **LED warning** light to be mounted rear of cab, but not on cab itself.
- Two (2) flush mounted **LED warning** lights shall be installed in tailgate/bumper, bottom right and left hand corner.
- Safety Vision or equivalent, rear vision camera and color monitor.

Paint

- Color of cab and sweeper to be manufacturer's standard. Necessary reflective safety decaling shall be installed cab, body and rear.

Complete unit must be manufactured in accordance with and meet the latest adopted OSHA or SAE standards and amendments thereto.

BID FORM

DATE: _____

To the Director of Public Works for the City of Waterville, Maine:
Please accept this bid submission from

(Hereinafter called "Bidder"), a corporation* organized under the laws of the
State of _____ or a partnership/individual** doing business as

This bid is being submitted for a **Truck Chassis & Integrated Street Sweeper Body** in
compliance with your invitation for bids, having examined the specifications and
conditions contained therein. Alternatives/Substitutions are as follows:

(Attach Additional Comments, As Necessary)

The Bidder proposes to supply the following:

Bid Option #1: Vacuum Street Sweeper \$ _____

Bid Option #2: Regenerative Air Street Sweeper \$ _____

Bid Option #3: (Per Specifications) Trade in Allowance:
2003 Freightliner FC70
2003 Johnson 605 Street Sweeper - \$ _____

Extended Warranty: Provide Description Summary \$ _____

Total: \$ _____

**Delivery Guaranteed within _____ days of contract award and not beyond sixty
(60) days of contract award.

NAME OF BIDDER: _____

BY: _____
(Signature)

NAME AND TITLE: _____

ADDRESS: _____

TELEPHONE: _____ TAX ID# _____

* Affix seal if by Corporation

**Cross out word/phrases that do not apply