



INVITATION TO BID

FINANCE DEPARTMENT

ELLEN L. SANBORN
Finance Director

COLLEEN C. SELBERG
Purchasing Agent

Bid #09-22

ONE (1) DUAL VIBRATORY 3TON ROLLER

Sealed bids for furnishing a Dual Vibratory 3Ton Roller to the City of South Portland, Maine as specified below, in the attached specifications and proposal, will be received by the City Purchasing Agent, 25 Cottage Road, South Portland, Maine 04106, until 2:00 pm., Thursday, August 12, 2021 at which time, they will be publicly opened and read aloud. Proposals received after that date and time will not be considered.

Bids shall be submitted on the attached bid form in sealed envelopes, plainly marked "Bid #09-22 3-Ton Roller" and shall be addressed to the Purchasing Agent at the above address.

Delivery to be made upon receipt of purchase order and shall be F.O.B., Public Works Department, 929 Highland Avenue, South Portland, Maine.

All equipment offered on this bid should be new and the latest type available. Bidder will state in his bid the name and model number of the equipment he is offering and will include with his bid a catalog or brochure marked to indicate the standard factory equipment of the model on which he is bidding.

Bidder must attach a separate sheet to his bid listing any deviation from the minimum specifications shown. If no attachment is provided, it will be assumed that the item being bid meets the minimum specifications.

If the equipment offered by a bidder under the attached specifications meets the specifications except for minor factors or reasonably small amounts in dimensions, and if it shall be determined by the City that these minor variations from the specifications do not prevent the equipment being bid from performing as satisfactorily or from being as good as equipment fully meeting these specifications, then these minor variations from the specifications may be waived by the City, if it deems it to be to its advantage, and the equipment with the waived variations in specifications will be accepted as fully meeting these specifications.

Bid award will be based on the low bidder meeting specifications. It is the City's intent to award to one vendor. The City reserves the right to award any or all of the listed accessories.

Since a prompt delivery is required, delivery time as well as price may be a factor in determining the award of this bid.

Price shall include a 14-day plate and State of Maine Certificate of Title or Certificate of Origin, which shall be made out to the City of South Portland, Maine and mailed to the Purchasing Agent,

25 Cottage Road, South Portland, Me 04106. A copy of the title application is to be delivered with each vehicle.

There shall be, within the Greater Portland area, a repair service which shall maintain a stock of spare parts for any make and model of any vehicle that a bidder offers in the proposal

If your business is a foreign corporation, limited liability company, limited partnership and or limited liability partnership, you must include with your bid, proof from the Maine Secretary of State's office that you are qualified to do business in the State of Maine.

It is the custom of the City of South Portland to pay its bills within 20 to 30 days following delivery of and receipt of bills for all items covered by the purchase order. In submitting bids under attached specifications, bidders should take into consideration all discounts, both trade and time, allowed in accordance with the above payment policy. All bidders should quote net prices, therefore, exclusive of all Federal Excise Taxes and Sales Taxes.

The City of South Portland reserves the right to waive all informalities in bids, to accept any bid or any portion thereof, or to reject any or all bids should it be deemed in its best interest to do so. Except as otherwise required by law or as specifically provided to the contrary herein, the City shall govern the award of this bid's purchasing ordinance.

Colleen C. Selberg
Purchasing Agent

Mailing address: P.O. Box 9422, South Portland, ME 04116-9422
Telephone (207) 767-3201 Fax (207) 767-7620

City of South Portland
PUBLIC WORKS DEPARTMENT
Solicitation of Bids
ONE (1) DUAL VIBRATORY 3TON ROLLER

This specification is intended to describe a Dual Vibratory 3Ton Roller to be used for various functions in the Public Works Department. This Dual Vibratory 3Ton Roller will be a regular production model for which published specifications are available. Modifications of the vehicle to meet operational requirements of this specification shall be limited to the manufacturers published and optional standards.

Bidders shall list and explain in writing any and all deviations from these specifications. Bidders shall provide sufficient detail and proof needed to assist the city in fully evaluating compliance with detailed specifications. Failure to do so may result in rejection of the bid in its entirety.

General Specifications

These Specifications are intended to describe a Dual Vibratory 3Ton Roller, and is to conform to all EPA and DOT regulations in effect at the time of delivery. The vehicle shall be equipped with all standard equipment, components, and safety features necessary for operation and normally supplied, even if not identified in specifications. The equipment shall have full manufacturer's preparation, title, and be ready for service upon delivery. The equipment shall come with a full warranty and option of extended warranty.

The equipment will be delivered with all the proper paperwork to insure and register the equipment in a timely manner.

ONE (1) DUAL VIBRATORY 3TON ROLLER

Engine

- yes___ no___ The compaction roller shall have a Tier T4F certified 33.5 horsepower diesel engine. The compaction roller shall have a minimum operating weight of 5,970 pounds. The compaction roller shall meet all OSHA and EPA requirements.
- yes___ no___ 111 cubic inch, 3 cylinder, naturally aspiration
- yes___ no___ Dual stage air cleaner
- yes___ no___ Vertical spin-on fuel, engine oil, and hydraulic filters
- yes___ no___ 500 hour engine oil change interval

Power Train

- yes___ no___ The compaction roller power train shall be hydrostatically driven
- yes___ no___ Infinitely variable travel speed (up to 6.8 MPH)
- yes___ no___ Single shift lever control for speed control and direction
- yes___ no___ On-board diagnostics with Fault Code storage and retrieval
- yes___ no___ Hydraulic oil cooler
- yes___ no___ Recessed drive motors to provide increased visibility and excellent curb clearance
- yes___ no___ Hydrostatic service brake
- yes___ no___ Multi-disc parking/emergency brake, spring applied, hydraulic released

Steering

- yes___ no___ Single steering cylinder
- yes___ no___ Inside turning radius of 100 inches. Left and right angle of 30 degrees.
- yes___ no___ Oscillation angle of 6.5 degrees
- yes___ no___ Max relief pressure of 5,221 psi

Electrical

- yes___ no___ 12 V electrical system with master disconnect
- yes___ no___ Minimum 760 CCA single batter.

Vibration and Drum

- | | | |
|--------|-------|---|
| yes___ | no___ | 47.2" wide x 27.4" diameter hydrostatic drive. |
| yes___ | no___ | Tapered drum edges |
| yes___ | no___ | Gear pump driven |
| yes___ | no___ | Dual fixed-displacement hydraulic motors |
| yes___ | no___ | Maximum relief pressure of 5,221 psi |
| yes___ | no___ | Dual frequency – 3,480 VPM low / 3,960 VPM high |
| yes___ | no___ | Centrifugal force – 8,543 lbs. (low) / 10,566 lbs. (high) |
| yes___ | no___ | Static linear load – 22.7 lbs. |
| yes___ | no___ | Rated amplitude – 0.02 in |
| yes___ | no___ | Adjustable Vulcollon scrapers (2 per drum) |
| yes___ | no___ | Manual or automatic vibration mode |
| yes___ | no___ | Choice of front only or dual drum vibration |
| yes___ | no___ | Automatic vibration stop in neutral to prevent ripples in the compacted surface |

Water System

- | | | |
|--------|-------|--|
| yes___ | no___ | The compaction roller shall have a pressurized watering system |
| yes___ | no___ | Polyethylene water reservoir |
| yes___ | no___ | Pressurized sprinkler nozzles |
| yes___ | no___ | 2-stage filtration water system |
| yes___ | no___ | Sprinkler control on dash with adjustable watering intervals to maximize watering efficiency |
| yes___ | no___ | Single water reservoir capacity of 50.2 gallons |
| yes___ | no___ | Watering system drains |

Operator Environment

yes___	no___	The compaction roller shall have an ergonomically designed operator environment with user friendly operator controls for ease of operation and reduced operator fatigue
yes___	no___	Foldable ROPS design
yes___	no___	Handrails for ease of entry
yes___	no___	Flexible shock absorbers insulating the ROPS from the chassis for added comfort
yes___	no___	Steering wheel spinner knob
yes___	no___	Instrumentation located in front of the operator
yes___	no___	Instrument panel vandal guard
yes___	no___	Lateral shifting suspension vinyl seat with foldable armrests
yes___	no___	3 inch retractable seat belt
yes___	no___	Operator presence switch
yes___	no___	Key ignition
yes___	no___	Emergency stop button
yes___	no___	Condition indicator lights for the Battery, Engine oil pressure, Intake preheater, Engine temperature, Parking brake on/off, Hydraulic oil temperature, Low fuel indicator, Work light indicator, Turn signal indicator, Fuel gauge, Operator hours

Dimensions

yes___	no___	Overall length 101.8 inches
yes___	no___	Overall width 53.1 inches
yes___	no___	Overall height 100.4 inches
yes___	no___	Ground clearance 11 inches
yes___	no___	Overall drum offset of 1.6 inches

Serviceability and Capacities

yes___	no___	The compaction roller shall be provide accessibility to external engine components and routine maintenance points
yes___	no___	Flip open hood with gas strut assist for easy engine access
yes___	no___	Spin-on fuel, engine oil, and hydraulic filters

yes___	no___	Ground level maintenance check points for fuel filter, oil dipstick, oil filler, water tank, pre-cleaner and air filter
yes___	no___	Tool box
yes___	no___	Fuel tank capacity – 9.2 gallons
yes___	no___	Engine oil capacity – 7.4 quarts
yes___	no___	Hydraulic reservoir – 7.5 gallons

Warranty

- 12 Months/Unlimited Warranty

Manuals

The following hardcopy manuals with CDs, printed in English, must be furnished at no extra charge at the time of delivery.

- An operator’s manual must be supplied
- The hardcopy manual will provide all information required to operate the roller and include maintenance information, safety precautions, lubrication diagrams, etc. All pictures must be in full color.
- A hardcopy parts manual including maintenance and operators instructions shall be supplied. Wiring and hydraulic schematics must be in full color. The manual must have detailed information regarding controls, operating tips, safety precautions, attachment mounting, attachment hose hook up color coding, grease point illustrations, lubrication chart, etc. The manual must include a CD copy inserted into a protective sleeve in the manual cover.
- A hardcopy service manual shall be supplied at time of delivery. The manual must include diagnostic, repair and adjustment information for main drivetrain components. All photo pictures that assist in overhaul procedures must be in full color. Wiring and hydraulic schematics must be in full color. The manual must include a CD copy inserted into a plastic protective sleeve in the manual cover.

MISCELLANEOUS

- The roller shall be delivered with all proper paperwork so the City may get it insured and registered immediately.
- Time of delivery could be a factor in determining the successful bidder

**ONE (1) DUAL VIBRATORY 3TON ROLLER
BID PROPOSAL SHEET**

Bid Price Dual Vibratory \$ _____
3TON Roller

Year, Make, & Model # _____

Color _____ Odometer Reading _____

Warranty _____

Delivery Time _____

Signed: _____
(Corporation, Firm or Company)

By: _____
(Officer, Authorized Individual or Owner)

Title: _____

Mailing Address (including Zip Code):

Date: _____

Telephone: _____

Email: _____

Note: Bids must bear the handwritten signature of a duly authorized member or employee of the organization making the bid.