



City of Westbrook

DEPARTMENT OF PUBLIC SERVICES

Tom Eldridge
Director

Arty Ledoux
Deputy Director

371 Saco Street

Westbrook, Maine 04092

(207) 854-0660 Phone

(207) 854-0672 Fax

CITY OF WESTBROOK, MAINE

PUBLIC SERVICES DEPARTMENT

Sealed bids will be received in the Office of the City Clerk, 2 York Street, Westbrook, Maine 04092 until **November 21, 2013 AT@ 10:30 AM** when they will be publicly opened and read for one:

Front End Loader

Additional copies of the bid package may be obtained at the City Clerk's office, (207) 854-9105.

Account: Capital Bond 2013

Purchase Order: To be issued

Jerre Bryant
City Administrator

INVITATION FOR BIDS

CITY OF WESTBROOK, MAINE

PUBLIC SERVICES DEPARTMENT

Sealed bids will be received in the Office of the City Clerk, 2 York Street, Westbrook, Maine 04092 until **November 21, 2013 @ 10:30 AM** when they will be publicly opened and read for one:

FRONT END LOADER

Additional copies of the bid package may be obtained at the City Clerk's office, (207) 854-9105.

Jerre Bryant
Administrative Assistant

LEGAL ADVERTISEMENT

CITY of WESTBROOK, MAINE PUBLIC SERVICES DEPARTMENT

Sealed bids will be received in the Office of the City Clerk, 2 York Street, Westbrook, Maine 04092 until **November 21, 2013 @ 10:30 AM** when they will be publicly opened and read for one:

FRONT END LOADER

Additional copies of the bid package may be obtained at the City Clerk's office, (207) 854-9105.

Jerre Bryant
Administrative Assistant

PROPOSAL FORM

FRONT END LOADER

We the undersign agree to furnish **The City of Westbrook** with the equipment described in the proceeding specifications, which are incorporated as part of this proposal at the following price and delivery date.

MANUFACTURER : _____ YEAR: _____

MODEL: _____ DELIVERY DATE: _____

BID PRICE: _____
WITH TRADE-IN OF 1997 JOHN DEERE 644G

BID PRICE: _____
WITH OUT TRADE-IN OF 1997 JOHN DEERE 644G

LOCATION OF SERVICE FACILITY: _____

COMPANY IDENTIFICATION: _____

ADDRESS: _____

CITY / TOWN: _____ STATE: _____

TELEPHONE: _____ FAX: _____

AUTHORIZED SIGNATURE : _____

TITLE: _____

CITY OF WESTBROOK, MAINE
INSTRUCTIONS AND GENERAL CONDITIONS TO BIDDERS

FRONT END LOADER

The undersigned agrees to provide requested “product” as specified within (DELIVERED TO: Central Garage, 371 Saco Street).

The following exceptions are taken to the requirements and specifications contained in the following document:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

SIGNED: _____ TITLE: _____

**CITY OF WESTBROOK, MAINE
INSTRUCTIONS AND GENERAL CONDITIONS TO BIDDERS**

FRONT END LOADER

1. SUBMISSIONS OF PROPOSALS:

Proposals shall be submitted on the BID FORM provided in the Bid Package in a sealed envelope marked clearly on the outside

FRONT END LOADER

The envelope shall be addressed to the OFFICE of the City Clerk, ATTN: Lynda Adams, 2 York Street, Westbrook, Maine 04092.

Any questions concerning the bid should be addressed to **Mark Poitras @ (207) 591-8136** during the hours of 7:00 A.M. - 3:00 P.M.

2. WARRANTIES, BROCHURE, MANUALS:

All warranties and a descriptive brochure describing the equipment shall be enclosed in the proposal. One complete service and parts manual and CD for the equipment proposed is to be submitted to the **City** at the time of delivery. The contractor shall state the warranty period for labor and equipment on the bid form.

3. DISCOUNTS:

The City of Westbrook pays its accounts in full within a thirty (30) day period following satisfactory completion of the contract and receipt of bills for all items covered by the City's purchase order. In submitting bids under these specifications, bidders should take into account all discounts allowed in accordance with the above payment policy.

4. EXEMPTION FROM TAXES:

The City is exempt from payment of federal excise taxes on articles not for resale, federal transportation tax on all shipments, and Maine State sales tax and use tax. All bidders should quote a net price exclusive of these taxes for work performed for the **City of Westbrook**.

5. TRANSPORTATION CHARGES:

All transportation and delivery charges including expenses for freight, transfer, mail, etc, shall be prepaid and be at the expense of the **BIDDER** unless otherwise specified in the bid. The bid price shall include all installation charges.

6. STANDARDS:

All equipment proposed shall be new and the latest model. The dealer state in the proposal the same name and model number of the equipment being offered and same include with the bid a catalogue or brochure marked to indicate the equipment being bid.

There shall be, **within the State Maine area**, an authorized repair service which shall maintain a stock of spare parts for any make of equipment that a bidder offers in this proposal.

7. EXCEPTIONS or ADDITIONAL FEATURES:

Any exceptions to these bid requirements and specifications shall be clearly indicated by the bidder, **clearly marked in red ink on the enclosed proposal**. In the absence of clearly noted exceptions, bidders will be obligated to comply with all the provisions contained herein. Any equivalent features and any additional features to those described in the specifications shall be so noted in the proposal.

8. DAMAGE REPAIR:

The **BIDDER** shall be held responsible for repairing, at their sole cost and expense, any and all damages to City or private property resulting from the work to be performed.

9. SAFETY REGULATIONS:

The **BIDDER** will at times, comply with the safety regulations set forth by the Occupational Safety and Health Administration.

10. DEFAULT:

In case of default by the bidder, the City of Westbrook reserves the right to procure the contract services from other sources and charge any excess cost occasioned by thereby to the **BIDDER**.

11. ADDENDUM:

Should a **BIDDER** find discrepancies in or omissions from the specifications or other contract documents, or should a **BIDDER** be in doubt as to their meaning, the **BIDDER** shall at once contact or notify the **Administrative Assistant to the Mayor** at City Hall, (207) 854-9105.

12. BID OPENING:

All bids will be opened publicly and **BIDDERS** or their representatives may be present at the bid opening. The bids will be available for public inspection after opening but abstracts will not be prepared for distribution by the **City**.

13. TERM OF BID:

The bid shall meet all the listed specifications. No **BIDDER** may withdraw a proposal for a period of sixty (60) days after the actual date of opening. The City Council is required to give two (2) readings on the accepted bid before the award is made.

14. AWARD OF CONTRACT:

Award will be made to the lowest responsible BIDDER, taking into consideration the quality of the product or services; conformance with the specifications and intended purpose; delivery time; ultimate cost to the City and with the overall recommendation from the Director of Public Services.

SPECIFICATIONS

FRONT END LOADER

All parts and components must be of new materials and the bidder shall furnish complete job ready equipment that shall conform in strength, quality, and workmanship to what is provided in general by the commercial manufacturing industry.

All items appearing in the bidder's regular published specifications are assumed to be included in the bidder's proposal. The following specifications shall be the minimum requirements and the equipment bid on shall be the manufacturer's latest model and design. Also, the bid item comply Maine and Federal laws.

The City of Westbrook reserves the right to reject any and all bids when deemed to be in the best interest of the City, to waive any minor discrepancy in the bid specification and to inspect the equipment at the bidder's establishment prior to delivery.

All specifications, dimensions and ratings must conform to or exceed S.A.E. specifications where applicable.

FRONT END LOADER

INTENT:

It is not the intent of these specifications to favor any one manufacturer and, therefore, should not be considered restrictive. It is intended, however, to derive an acceptable performance criteria. The model bid must have been in production and available to the general public for a period of not less than five years. The City of Westbrook will entertain all bids submitted by Vendors that meets or is equivalent to the specifications.

All items appearing in the bidder's regular published specifications shall be included in the bidder's proposal. The following specification shall be the minimum requirements and the equipment bid shall be manufacture's latest model and design.

There shall be, within the State of Maine, an authorized repair service center which shall maintain a stock of spare parts for any make of equipment that the bidder's offers in this proposal.

Acceptable models for this requested unit is as follows:

Case 721F, Caterpillar 938K, John Deere 624J and / or vendor equal...weight class of 30,000 lbs.

ENGINE:

Six cylinder in line diesel fueled turbo with a minimum of 160 SAE horsepower at flywheel with a minimum engine torque of 540 lb-ft

Ether start aid for cold starts with engine air heater

Engine block coolant heater with antifreeze to -35 degrees

Engine oil cooler

Engine must meet Tier 4 off highway emissions

TRANSMISSION:

Extreme service required - Top speed 22 MPH +/-
Computer controlled "power shift" with minimum of four (4) speeds forward and (2) speeds reverse
Quick switch "shift " button on hydraulic lever
All-wheel drive – front & rear (will consider front axle with hydraulic locking differential)
Loader to be equipped with ride control feature

ELECTRICAL:

24 volt electrical system with 12 volt converter for 100 amp alternator with two (2) 12 volt batteries 900 CCA capacity
Back-up warning alarm
Keyed ignition with start/stop switch with main disconnect
Electric heavy duty starter
Driving lights with guards – turn signals (front & rear) and stop & tail lights
Work station lights to be mount to cab area (2) front and (2) rear
Horn with push button activation located within the center of steering wheel

Vendor will supply and install (with a preinstallation meeting) 4 Whelen strobe lights model #700 and a Motorola PM 400 communication radio..A ProVision series Night Vision Camera System with a 5" colored Monitor

Cab to be wired for 12 volt emergency/warning light to be mounted on roof top by vendor of choice.

Cab to be wired for 12 volt two way Motorola PM400 communication radio to be installed by Westbrook Public Works vendor of choice)

BUCKET:

Bucket to be bid shall be a Quick Coupler style minimum 3.0 (plus) cubic yard (struck SAE) general purpose bucket equipped with reversible, bolt on cutting edge.

Vendor will install, by certified welding with steel backing plates, OSHA approved "lifting hooks" on to

the top of bucket, one (1) dead center on top and one (1) each at left & right ends on top of bucket.

PAGE 4: SPECIFICATIONS

HYDRAULIC SYSTEM:

Automatic return to dig control
Pump to be a variable displacement axial piston pump; closed center pressure compensating
All systems to have pressure relief on loader and steering
Lift capacity with 3.0 minimum cubic yard bucket at ground level minimum of 21,250 lb. at maximum height
Controls single lever dual function with third valve to accommodate a 4 lever plow function.
External sight glass for hydraulic oil level.

TIRES:

Four (4) 20.5RX25 – **Bridgestone/Michelin Snow wedge style tires**
Spare tire mounted on wheel (as above)

Unit will be delivered with complete (front & rear) tire covers (also referred to as "fenders")

STEERING:

Fully hydraulic power type with turning radius of a minimum of 18 feet (plus or minus)
Minimum arc of 80 degrees – 40 degrees each way from center
Steering column adjustable and tilt

BRAKES:

Hydraulic wet disc, in board mounted & self adjusting
Parking brake wet disc
(Standards: OSHA, SAE J1473 Oct 90 & 3450-1985_

CABIN AREA:

Operator's work station (cab area) will include **ROPS** roll over protection structure and **FOPS** falling object protection structure.
Sound deadening package, fully pressurized installed by factory, for a minimum of 72dBa measurement to conform to **SAE J1040 MAY94** standards and specifications
Latchable (open/close) swing doors (left/right)
Factory installed air conditioner and heating/defroster

Factory installed AM/FM radio/clock and antenna

PAGE 5: SPECIFICATIONS

Front and rear windshield wiper (multi speed / intermittent) with washer unit

Sun visor for operator adjustment

Seat belt, 3 inch with retractor

Seat will be air suspension high back design with deluxe cloth covered with back rest extension

Rear view mirrors – two (2) outside adjustable / two (2) inside adjustable...mounted left and right side

Handholds and steps – ergonomically mounted with slip resistant applied – conforming to SAE J185

Deluxe monitor and alarm system, multi-function computerized electronic audible and visual warnings to include...

Analog instruments: engine coolant temperature, transmission oil temperature, fuel level, speedometer, engine oil pressure and hydraulic oil pressure.

Digital instruments: Engine RPM, battery voltage, transmission gear indicator and odometer & hour meter.

Operator warning lights: Coolant level, engine oil pressure, engine air filter, battery voltage, transmission filter restriction, brake pressure, hydraulic oil temperature, hydraulic oil filter, fasten seat belt, parking brake actuated

Indicator lights: Turn signals, warning/hazard and work lights

OTHER FEATURES:

Color: OEM Standard Color

Warranty: Five (5) year / 5,000 hour Power Train and hydraulic system.

Manuals: Operator, Parts and Service book and CD will be provided with machine at time of delivery to the City of Westbrook.

Training: One day familiarization of equipment with City of Westbrook operators and/or mechanical staff to be held at Central Garage at time convenient to City of Westbrook Department of Public Services. Also, a maintenance and operation CD for future operator training needs.

.....
Trade-in Unit: A 1997 John Deere 644G with a mounted spare and work manuals. Unit is available for viewing during the normal operational hours of Westbrook Public Services by appointment with the Equipment/Operations Supervisor

NOTE A pre-purchase conference is required of the successful bidder prior to the delivery of the vehicle. This is to finalize all details of the vehicle to be delivered.

OTHER FEATURES:

SPECIFICATIONS FOR PLOW & WING

Equipment vendors preferred, TENCO - New England Inc and Howard P. Fairfield, Inc. Viking/Cives(USA)

This section request a power reversible trip snow plow blade and wing set-up – completely equipped as specified.

All equipment, pumps, hoses to be operational will be supplied by vendor of plow equipment

Front hitch to be fully detachable via the **American Coupler System** from the cab area of loader complete with plow and wing for ease of Operator comfort for “up-fit and “tear down” of plow & wing.

Cheek plates to be 5/8” thick and attached on the outside of the frame rails for greater support

Front heavy duty steel, power-reversing plow, to be eleven (11) feet length with an overall height of 42”, carbide edge backed with steel edge installed.

Side wing of heavy duty steel construction suitable for either patrol or leveling conditions with double steel edge installed.

Curb shoes, a self-leveling system connected to the plow on points wide enough to maintain a level position when raised

The front trip on the plow shall use individual compression springs that can be adjusted for resistance to accommodate usage and conditions. The trip springs shall be able to be changed independently.

Front post to include 26” double acting cylinder with a minimum 4” float in the front slide.

The front trip shall be of a design that the wing shall be able to come back and directly up to a minimum of 4” upon sufficient contact.

The trip shall be adjustable so that the force necessary to release trip can be set to appropriate usage and conditions.

PAGE 8: SPECIFICATIONS

Rear post shall be angled upon installation so that the push arms are perpendicular to both the wing and rear post to maximize pushing strength and minimize bending and twisting of knuckles on attachment points at rear post.

Rear post shall include a 36" hydraulic cylinder for shelving.

Four operator controls to dictate operations as follows

"PUSH" –shelf, plow & wing unit down **"PULL"** –shelf, plow & wing up
4th control for front plow angle left/right.

Installation of Tenco Snow Blower control board in cab, plumbed down the boom. The blower is a Tenco TC-172-LM for reference.