



## PUBLIC WORKS DEPARTMENT

November 13, 2020

Please quote prices on the following articles F.O.B. Brewer Public Works Department, Brewer, Maine. Bids will close at 2:00 pm, on Monday, November 30, 2020. Bids must be received to the Public Works Purchaser, 221 Green Point Rd, Brewer, Maine 04412 before the date and time appointed, bids received after the specified time and date will be rejected. The bid opening will be held at the Public Works facility immediately following the closing.

The City of Brewer reserves the right to accept or reject all or part of any bids received. Bids will not receive consideration unless submitted strictly in accordance with the following instructions. **Mark Envelopes Plainly – “BID FOR MINI LOADER”**

1. Bids will be to furnish one (1) 4-Wheel Drive Rubber Tired Articulating Compact Wheel Loader according to attached specifications.
2. Bids shall be excluded of all Federal and State sales tax and shall indicate list, discount (where applicable), allowances and net prices, F.O.B. Brewer Public Works Department, Brewer, Maine.
3. Bidder shall include the latest printed specifications and illustrations as advertised by the manufacturer of all equipment bid. Bid shall include details of manufacturer’s warranty on basic unit and attached equipment plus date of delivery.
4. Basic unit and equipment or attachments shall be for the latest models available (manufactured 2020 or 2021), fully tested, serviced, ready to operate and complete in accordance with the specifications, and satisfactory to the Public Works Director and the City Manager. The loader must meet all Federal, State, and EPA Tier 4 regulatory standards for the construction industry.
5. All things not expressly mentioned in these specifications but involved in carrying out their intent are required by these specifications, and the Vendor shall perform the same as though they were specifically mentioned, described and delineated.
6. Bidder may be required to demonstrate (within the State of Maine) to the satisfaction of the City of Brewer, within 10 days following the opening of bids, that the equipment proposed will both meet the specifications and perform the functions required.

7. In making awards, consideration will be given to price, quality, delivery time, parts availability and service offered. Bidder receiving award shall supply on delivery, 2 hard or paper copies of operating, and shop manuals. They must also deliver 2 copies of the parts manual, one hard copy and one electronic equivalent, either DVD/CD, or free-web-based site. A retainer in the amount of 5% of the contract value will be held pending receipt of these manuals.
8. Bidder shall address each individual item on the attached specification sheets, indicating how it differs from the bid specifications. Any item omitted may result in the bid being rejected entirely.
9. By submission of this proposal or contract, the prospective participant certifies that neither it nor its principals, is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from doing business with any Federal department or agency. Furthermore, the prospective participant, if selected, agrees to ensure that any subcontractors it uses also meet this standard.
10. The City of Brewer is an Equal Opportunity Employer and Service Provider. The prospective participant, if selected, agrees that it shall not discriminate against any employee or applicant for employment because of age, sex, race, creed, color, national origin, ancestry, marital status, or sexual orientation.
11. The City of Brewer, acting through it's City Manager, reserves the right to accept or reject any or all bids in whole or in part without penalty. The City of Brewer, acting through it's City Manager, reserves to itself the exclusive right to accept high bids when the City Manager, in his sole discretion, believes it would be in the best interest of the City of Brewer, in making such a decision, the City Manager may consider, but not be limited to, any of the following factors: quality, quantity, specifications, availability, service and location of bidder and reputation of bidder.
12. All questions regarding the equipment bid should be directed to Kevin Cooke, Public Works Purchasing Agent at 989-7800.

Sincerely,

Kevin Cooke  
Public Works Purchaser  
Cc: Public Works Director

## **SPECIFICATIONS COMPACT LOADER**

### **GENERAL:**

This equipment shall be a compact loader and will be used for material handling, snow removal, asphalt cold planing, boom flail mower and other general construction tasks.

### **WEIGHT AND SIZE:**

Mini Loader shall have a SAE operating weight of minimum 7,000 pounds.  
Maximum overall width of 52 inches when set up for winter operating.  
Maximum cab height of 94 inches.

### **ENGINE:**

The engine shall be a four-cylinder diesel and shall deliver a minimum of 55 Net HP and include all necessary accessories. Bid shall include an engine block heater.

### **POWER TRAIN:**

Hydrostatic (HST) with infinitely variable speed control over full range of operating speeds; 2 speed ranges; low-effort electric shift. Final drives shall be all wheel drive with heavy-duty planetary reduction in each wheel.

### **HYDRAULICS:**

The loader shall have a 15 gpm system, with a 30 gpm high flow system or equivalent to run auxiliary equipment such as: cold planer, snow blower, or sweeper.

The hydraulic system shall have adequate oil cooling capacity to prevent overheating and system damage.

Loader direction and functions shall be controlled low effort joy stick.

Loader speed shall be controlled by dual controls: hand lever and/or foot controls.

Loader shall have automatic leveler to assist in use and control of attachments.

The hydraulic systems shall have all controls, lines, and fittings necessary to run all attachments.

### **BRAKES:**

Brakes shall be hydraulically actuated multiple wet disc type on all four wheels in compliance with SAE J1473 and ISO 3450. All exposed brake lines shall be stainless steel tubing or shall have a rust proof coating. Parking brake shall be spring applied, and air or hydraulically released.

### **STEERING:**

Center point articulation with a 40-degree steering angle.

**TIRES:**

(4 each) – 10PR Goodyear IT323 or equivalent quality rubber pneumatic tires.

**BUCKET:**

Loader shall be supplied with a .5 – 1.2 cubic yard multi-purpose.

Loader shall have a quick connect and disconnect system for attaching the bucket, attachments, and existing City owned attachments with **Bob Tach quick connect system.**

**BUCKET CONTROLS:**

Shall include raise, lower, hold and float positions with automatic kick out at full height.

Tilt circuit shall include roll back, hold and dump with automatic level positioner.

**OPERATOR'S CAB:**

Shall be unitized sound suppressed ROPS cab and include internal and external rear view mirrors, fabric suspension seat with seat belt, cab heater/defroster, all applicable warning gauges, tinted glass, washer and wiper.

Shall be fully sound insulated and have an internal noise level of less than 85db for an eight-hour TWA- time weighted average.

**OPERATING SPECIFICATIONS:**

Breakout force shall be minimum 7,000 pounds.

Static tipping load with machine straight shall be minimum 8,000 pounds.

Static tipping load at full turn shall be minimum 7,000 pounds.

Dump clearance at full lift and at a 45-degree dump angle shall be minimum 7'6".

Lifting capacity at ground level shall be minimum 5,000 pounds.

Lifting capacity at full height shall be minimum 4,000 pounds.

**OPTIONAL EQUIPMENT:**

Fenders - Front and Rear

Ride Control

Counter weights

Power Converter 24 Volt to 12 Volt for 2-Way Radio

Motorola CM 300 45-watt FM-2-Way Radio with 3.5 db gain antenna or equivalent

AM/FM Radio

Air Conditioning

Hydraulic system shall have quick coupler diagnostic connections.

**SAFETY EQUIPMENT:**

Whelen LED Strobe Warning Lights - One each side.  
Back-up alarm, horn, and auxiliary power connections.  
5 lb. Fire Extinguishers.  
Articulation locking bar.  
Lift arm locking bar.  
Back-up camera.

**OPERATING AND MAINTENANCE INSTRUCTIONS:**

The successful bidder shall provide operating and maintenance training for the City maintenance crew and operators. Training shall be scheduled at the convenience of the Director of Public Works.

**ADD-ON:**

- A. Bid to include an add-on price for (4) four winter tires mounted on rims.
- B. Bid to include an add-on price for (1) one snow blower, 52-inch-wide, double auger, high output, industrial gauge steel design.
- C. Bid to include an add-on price for (1) one Boom Flail Mower.
- D. Bid to include an add-on price for (1) one fixed v-plow, 52 inches wide.
- E. Bid to include an add-on price for (1) 72-inch brush grapple.
- F. Maintenance warranty, 3 year/3000 hour, all mileage, parts and labor, serviced at Brewer Public Works.

**TRADE IN:**

No trade in.

**SPECIFICATION SHEET**  
(Must be completed for each model bid)

**GENERAL:**

**WEIGHT AND SIZE:**

**ENGINE:**

**POWER TRAIN:**

**HYDRAULICS:**

**BRAKES:**

**STEERING:**

**TIRES:**

**BUCKET:**

**BUCKET CONTROLS:**

**OPERATOR'S CAB:**

**OPERATING SPECIFICATIONS:**

**OPTIONAL EQUIPMENT:**

**SAFETY EQUIPMENT:**

**OPERATING AND MAINTENANCE INSTRUCTIONS:**

**ADD-ONS:**

**LOADER BID FORM**  
(Must be completed for each model bid)

1. Make, Model and Year of Loader

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2. Loader Purchase Price: \$ \_\_\_\_\_

3. Trade-in value: \$ \_\_\_\_\_

**4. Loader Bid Price:** \$ \_\_\_\_\_  
(Item 2 minus Item 3)

5. A. Add-on: \$ \_\_\_\_\_  
(4 winter tires)

B. Add-on: \$ \_\_\_\_\_  
(Snow blower)

C. Add-on: \$ \_\_\_\_\_  
(Boom Flail Mower)

D. Add-on: \$ \_\_\_\_\_  
(Fixed V-plow)

E. Add-on: \$ \_\_\_\_\_  
(72-inch brush grapple)

F. Add-on: \$ \_\_\_\_\_  
(Maintenance warranty)

Earliest Delivery Date: \_\_\_\_\_

Firm Name: \_\_\_\_\_

Address: \_\_\_\_\_

Signed: \_\_\_\_\_

Print or Type: \_\_\_\_\_

Title of Signed: \_\_\_\_\_

Telephone No: \_\_\_\_\_

E-mail Address: \_\_\_\_\_

Date: \_\_\_\_\_