



PUBLIC WORKS DEPARTMENT

12/2/2022

Please quote prices on the following articles F.O.B. Brewer Public Works Department, Brewer, Maine. Bids will close at 1:00 pm, on Wednesday, December 21st, 2022. 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 WHEELED EXCAVATOR”**

1. Quotations will be to furnish one (1) new Wheeled Type Excavator according to the following and/or attached specifications
2. Quotations shall be exclusive 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 submit with proposals the latest printed specifications and illustrations as advertised by the manufacturer of all equipment quoted, and shall include a warranty on basic unit and attached equipment, and date of delivery.
4. Basic unit and equipment or attachments shall be for the latest models available, fully tested, serviced, ready to operate and complete in accordance with the specifications, and satisfactory to the Public Works Director and the City Manager.
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, operator parts/service manuals with wiring diagrams paper copies.
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. There will be one 2007 Hyundai R210LC-7 tracked Excavator offered as a trade in. The unit has approximately 7,206 hours and can be seen at Brewer Public Works 221 Green Point Rd Brewer Maine between 7:30AM and 3:00PM Monday Thru Friday
10. The City of Brewer, acting through its 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 its 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.
11. All questions regarding the equipment bid should be directed to Kendall Emerson, Public Works Purchasing Agent at 989-7800.

Sincerely,

A handwritten signature in black ink, appearing to read "Kendall Emerson", with a stylized flourish at the end.

Kendall Emerson
Public Works Purchaser
Cc: Public Works Director

SPECIFICATIONS HYDRAULIC EXCAVATOR

GENERAL:

Equipment shall be a hydraulic excavator with wheeled undercarriage with foam filled tires.

WEIGHT AND SIZE:

The excavator shall have an operating weight of no less than 45,000 lbs.

ENGINE:

The engine shall be a turbo-charged diesel with a net SAE horsepower of no less than 140 and engine displacement shall be no less than 310 cubic inches

BRAKES:

Independent front/rear hydraulic brakes with parking brake.

STEERING:

Steering shall be accomplished by a steering wheel in operators cab.

SWING SYSTEM:

Swing system shall be driven through spur and planetary reduction gears.
Swing turntable shall have ball bearings with shear-type induction-hardened internal gears.
Swing System shall have an automatic holding brake to prevent hydraulic drift

UNDERCARRIAGE:

Front/Rear hydraulic outriggers for maximum stability.
Shall have locking self-leveling hydraulic shock stabilizers at all wheels

CAB:

Shall be fully enclosed sound suppressed cab with tinted safety glass.
Front Windshield shall retract and store under roof.
Shall have high output heater and air conditioner.
Shall have fabric covered multi-adjustable suspension seat with seatbelt
Shall have complete engine monitoring system with gauges and alarms.
Cab noise level shall be less than 85dba at full operation RPM's with doors closed or opened.
Shall have alarm and automatic travel restrictor to prevent travel with stabilizers locked

HYDRAULICS:

Swing, arm, boom, and bucket controls shall have capability of switching from SAE style controls to backhoe style controls.

Controls shall be low effort hydraulic pilot controls, mounted on arm rests.

Wheel movement levers shall be controlled by foot pedals and/or hand levels.

There shall be free spool for extra implement.

Excavator shall have a pin grabber quick coupler system with hydraulic lock.

EXCAVATOR SPECIFICATIONS:

Excavator specifications must meet or exceed minimums listed below:

Operating Weight:	45,000 lb.
Engine SAE-Net Horsepower	140 hp.
Engine Displacement	310 cu. In.
Bucket Digging Force	31,000 lb.
Arm Breakout Force	21,000 lb.
Tail Swing Radius not to exceed	9 ft. 6 in.
Maximum Reach at Ground Level	30 ft.
Digging Depth for 8 ft. Flat Bottom	19 ft.
Bucket Lift Capacity Over Center, Front, or Rear At ground level at 20ft	14,000 lb.

BUCKETS:

1. Shall have one general purpose bucket with side cutters and a minimum width of 48 inches. Bucket shall have a pin grabber quick coupler with hydraulic lock and in cab controls.
2. Shall have one ditch cleaning bucket with a minimum width of 72 inches, with hydraulic tilt, and a pin grabber quick coupler with hydraulic lock.
3. Shall have one 30" wide, extra deep high capacity trenching bucket with side cutters, hydraulic tilt, and pin grabber quick coupler with hydraulic lock

OPTIONAL EQUIPMENT:

Demolition Kit for Front Windshield

Travel Alarm

Work Lights

Fire Extinguisher

AM/FM Radio

S.M.V. Emblem

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

Air Conditioning

Strobe Lights LED or EQ protected or caged

ADD ON EQUIPMENT:

1. A hydraulic rough duty thumb/grapple. Style to be approved by the city.

ORIENTATION:

Training by factory representative will be provided for operators and mechanics

WARRANTY:

Vendor or manufacture shall give a 3-year warranty with service contract options

TRADE IN:

Trade-in shall be a 2007 Hyundai R210LC with approximately 7,206 hours, as is with no warranty.

SPECIFICATION SHEET
(Must be completed for each model bid)

GENERAL:

WEIGHT:

ENGINE:

POWER TRAIN:

BRAKES:

STEERING:

SWING SYSTEM:

UNDERCARRIAGE:

CAB:

HYDRAULICS:

EXCAVATOR SPECIFICATIONS:

SAE NET Horsepower:

Engine Displacement:

Bucket Digging Force:

Swing Radius:

Digging Reach at Ground Level:

Digging Depth at 8 Ft. Flat Bottom:

Lifting Capacity Over Center Front or Rear at Ground Level at 20 ft:

BUCKETS:

OPTIONAL EQUIPMENT:

ADD-ONS:

ORIENTATION:

WARRANTY:

TRADE-IN:



EXCAVATOR BID FORM
(Must be completed)

1. Make, Model and Year of Excavator

2. Excavator Purchase Price: \$ _____

3. Trade-in value: \$ _____

4. Excavator **Bid Price:** \$ _____
(Item 2 minus Item 3)

5. A. Add-on: \$ _____

B. Add-on: \$ _____

C. Add-on: \$ _____

D. Add-on: \$ _____

E. Add-on: \$ _____

F. Add-on: \$ _____

G. Add-on: \$ _____

Earliest Delivery Date: _____

Firm Name: _____

Address: _____

Signed: _____

Print or Type: _____

Title of Signed: _____

Telephone No: _____

E-mail Address: _____

Date: _____