

INVITATION TO BID

September 22, 2022

Dear Vendor,

Enclosed you will find a bid package for a **2022 (or newer) ARTICULATED 4-WHEEL DRIVE FRONT END LOADER** for the City of Seaford. All pertinent information is contained within.

The bid opening will be held at 2:00 p.m., on November 16, 2022, inside the Council Chambers at City Hall, 414 High Street, Seaford, DE.

Should you need clarification on any item, please contact Berley Mears, Public Works Director at 302-629-8307 or Ashley Heinicke, City Clerk at (302) 629-9173.

Thank you for reviewing this information and participating in our bidding process.

Sincerely,
City of Seaford

Charles Anderson
City Manager

Enclosures

**CITY OF SEAFORD
BID NOTICE
ARTICULATED 4-WHEEL DRIVE
FRONT END LOADER**

Sealed bids will be received by the City Manager of the City of Seaford, 414 High Street, Seaford, DE 19973, until 2:00 p.m., prevailing time on Wednesday, November 16, 2022 for a **“2022 (or newer) ARTICULATED 4-WHEEL DRIVE FRONT END LOADER”** The bid will be opened in the City Hall Council Chambers and read aloud at this time. The City Manager and staff will then evaluate them for compliance.

The bids may be presented to the Mayor and Council at their regular meeting on November 22, 2022 at 7:00 p.m., in the City Hall Council Chambers, 414 High Street. They may be awarded at this time. The Mayor and Council reserve the right to reject any and all bids.

Bids must be submitted in a sealed envelope, addressed ATTN: Charles Anderson, City Manager, City of Seaford, P.O. Box 1100, Seaford, DE 19973. The outside of the envelope must be marked **“Attn: City Manager, 2022 FRONT END LOADER,”** and the bidder’s name and address shall be shown thereon. All proposals must be made on the bid form provided in the specifications. All proposals must conform to the bid documents. Any exceptions will be evaluated for suitability and acceptance is at the sole discretion of the owner.

Complete specifications and contract documents will be available at the City of Seaford, 414 High Street, Seaford, Delaware 19973. Copies may be obtained by calling Berley Mears, Public Works Director at 302-629-8307 or Ashley Heinicke, City Clerk at (302) 629-9173.

No bids may be withdrawn after the scheduled time from the receipt of bids for a period of thirty days. The City of Seaford reserves the right to reject any and all bids and to waive any or all informalities in any bid or bids.

City of Seaford
Charles Anderson
City Manager

INFORMATION FOR BIDDERS

BIDS will be received by the City of Seaford (herein called the “Owner”) at the office of the City Manager, City Hall, 414 High Street, Seaford, Delaware until 2:00 p.m., prevailing time, on Wednesday, November 16, 2022 and then publicly opened in the City Council Chambers and read aloud.

BIDDERS are advised that the bid is for providing an **ARTICULATED 4-WHEEL DRIVE FRONT END LOADER** for the City of Seaford Wastewater Department. The intent is to replace the current 2012 Case 621B-XR with a similar sized machine with the same features and capabilities. All applicable destination, freight or other applicable charges shall be included in the bid price provided.

Each BID must be submitted in a **sealed envelope**, addressed to the City Manager, City of Seaford, City Hall, 414 High Street, P.O. Box 1100, Seaford, DE 19973. Each sealed envelope containing a bid must be **plainly marked on the outside as “Attn: City Manager, 2022 FRONT END LOADER” and the envelope should bear on the outside the name of the BIDDER and their address.** If forwarded by mail, the sealed envelope containing the BID must be enclosed in another envelope addressed to the OWNER. Any BID received after that time and date specified shall not be considered.

All BIDS must be made on the required BID proposal form. All blank spaces for BID prices must be filled in, in ink, or type written, and the BID form must be fully completed and executed when submitted. One copy of the BID form is required. BIDS and/or alternate bids submitted by FAX will not be accepted.

The bid proposal form also requests a trade in value for a 2012 Case 621B XR articulated 4-wheel drive front end loader with approximately 10,700 hours. This is an existing piece of Wastewater Treatment Facility equipment. The City is requesting that bidders provide a trade in value for this equipment that can be deducted from the price of the new unit to be purchased. Based on the bids received, the City at its discretion can accept the trade-in value provided by the bidder as a deduction to the purchase price of the new unit or reject the trade in option and purchase the loader for the bid price submitted. Inspection of the existing loader is strongly suggested prior to bidding. Inspections can be scheduled Monday thru Friday (excluding holidays) from 8:00 a.m. until 4:30 p.m. by contacting Bryant Tiff, WWT Operations Coordinator at 302-629-8340.

The OWNER may waive any informalities or minor defects or reject any and all BIDS. Any BID may be withdrawn prior to the above scheduled time for the opening of the BIDS or authorized postponement thereof. No BIDDER may withdraw a BID within thirty (30) days after the actual date of the opening thereof.

BIDDERS must satisfy themselves of the accuracy of the required work in the BID documents by a review of the CONTRACT DOCUMENTS. After BIDS have been submitted, the BIDDER shall not assert that there was a misunderstanding concerning the location, use of property or conditions outlined in the CONTRACT DOCUMENTS.

Information obtained from an officer, agent or employee of the OWNER or any other person shall not affect the risks or obligations assumed by the CONTRACTOR or relieve them from fulfilling any of the conditions of the contract.

The OWNER may make such investigation as they deem necessary to determine the ability of the BIDDER to provide the necessary materials and/or labor and equipment to carry out the work and the BIDDER shall furnish to the OWNER all such information for this purpose as the OWNER may request. The OWNER reserves the right to reject any BID if the evidence submitted by, or investigations of, such BIDDER fails to satisfy the OWNER that such BIDDER is properly qualified to carry out the obligations of the Agreement. A conditional or qualified BID may be reason to disqualify your bid.

Award may be made to the lowest, responsible BIDDER. The Mayor and Council reserve the right to reject any and all bids. The bids may be presented to the Mayor and Council at their Regular Meeting on November 22, 2022 at 7:00 p.m., at City Hall, 414 High Street, Seaford, DE.

All applicable laws, ordinances and the rules and regulations of all authorities having jurisdiction over the WORK shall apply to the contract throughout.

Each BIDDER is responsible for reading and being thoroughly familiar with the CONTRACT DOCUMENTS. The failure of the BIDDER to do any of the foregoing shall in no way relieve any BIDDER from any obligation respective to their BID.

THE MAYOR AND COUNCIL RESERVE THE RIGHT TO REJECT ANY AND ALL BIDS.

**ARTICULATED 4-WHEEL DRIVE
FRONT END LOADER
SPECIFICATIONS**

INTENT AND PURPOSE:

It is the intent and purpose of this specification to describe an Articulated Four-Wheel Drive Front End Loader. Unit proposed must be a new, current year model or newer.

All components necessary to make a complete operating unit shall be provided even if not identified in this specification. Bidders must submit with their bid complete specifications on the unit they propose to furnish. These specifications shall indicate minimum requirements, including components, accessories and safety features considered standard.

Unit proposed must comply with applicable Federal, State, Department of Transportation, EPA, CARB, and O.S.H.A regulations.

Prior to delivery, the unit shall be:

- a. Complete with accessories and equipment properly installed and operative.
- b. Clean, lubricated, and serviced ready for immediate use.
- c. Provided a copy of the Manufacturer's Service and Warranty Policy with all warranty certification vouchers, certifications or coupons and line-setting tickets.
- d. Protected to -20° degrees (F) with manufacturer approved permanent type anti-freeze.

1. ENGINE:

- 1.1 The engine shall be a turbocharged diesel or an approved equal naturally aspirated diesel with a minimum net horse power of 150 and a minimum cubic inch displacement of 400 cubic inches.
- 1.2 Engine air, fuel and oil filters shall be replaceable disposable type and one (1) complete extra set of filters shall be provided with the unit when delivered. The air filter shall be a heavy-duty dry type with a cab mounted restriction indicator. The fuel and oil filters shall be standard for the machine proposed.
- 1.3 The engine cooling system shall be standard for machine proposed.
- 1.4 The engine will be equipped with high temperature low oil warning light system and a cold weather starting system which is operated from the cab.

2. TRANSMISSION, TORQUE CONVERTER AND DRIVE TRAIN:

- 2.1 Transmission shall have a minimum of four (4) forward and three (3) reverse speeds, with a brake actuated cut-out system and transmission guard (or skid plate) for protection. The transmission shall also include a transmission hydraulic oil cooler.

- 2.2 The torque converter shall be standard for the machine offered with full flow filter.
- 2.3 Front and rear axle differentials shall be limited slip, or a differential lock on the front axle, and limited slip-on rear axle.
- 2.4 Final drive shall be planetary gear type. The front axle shall be fixed and the rear axle shall oscillate a minimum of 12 degrees each direction for a total of 24 degrees.
3. BRAKE SYSTEM:
 - 3.1 Service: 4-wheel hydraulically actuated disc
 - 3.2 Emergency: Standard for machine proposed
 - 3.3 Parking: Standard for machine proposed
4. TIRES:
 - 4.1 Tubeless type, 20.5 R25 (12 PR), L-3 tread
5. ELECTRICAL SYSTEM:
 - 5.1 The electrical system shall be heavy duty, 24-volt, negative ground, with the following items provided as a minimum:
 - a. Heavy duty battery(s), minimum of 700CCA total or standard for machine proposed
 - b. Alternator, 120 amperes (minimum)
 - c. Heavy duty starter
 - d. Horn (electric)
 - e. Two (2) seal beam headlights
 - f. Two (2) seal beam back-up/work lights
 - g. Two (2) combination stop, tail and directional lights
 - h. Two (2) front directional lights
 - i. Integrated four-corner strobe
 - j. Instrument panel lighting and cab light
 - k. Back-up warning system
 - l. Engine block heater with standard 120V plug
 - 5.2 Vendor may supply any combination or number of lights as long as all functions described above are met.

6. HYDRAULIC AND STEERING SYSTEMS:

- 6.1 The hydraulic system shall be equipped with the pump that is standard for the machine proposed. The system shall include as a minimum, a filter on the return side of the reservoir.
- 6.2 Hydraulic section for 3rd function shall be provided on boom. (Including all hoses & fittings required to run to the end of the lift arms.)
- 6.3 The steering system shall be articulated type providing a minimum of forty degrees of articulation either side of center.

7. CAB AND BODY:

- 7.1 The loader shall be equipped with a ROPS cab with the following items - minimum:
 - a. Door(s) standard for model quoted, latch open capability, lockable in closed position.
 - b. Safety glass shall be tinted throughout with opening panels on doors. Graduated tinting is acceptable.
 - c. Front and rear windshield wipers and washers
 - d. Vandal Protection such as locking fuel cap, locking engine cover, and locking doors.
 - e. Adjustable suspension seat with seat belt
 - f. Right and left side steps and platform
 - g. Slow moving vehicle emblem
 - h. Acoustical lining
 - i. A removable floor mat
 - j. Grab safety rails
 - k. Interior light
 - l. Two (2) external rearview mirrors shall be provided, one on each side of cab.
 - m. Pressurized cab with air conditioning, heater, defroster, and replaceable cab air filter included.
 - n. AM/FM radio with clock
- 7.2 The loader body shall be equipped with lockable hood side panels and service access points shall be protected behind locked panels, be inside the cab or have lockable caps. All locks included.

- 7.3 All lockable items specified above will be identically keyed unless some items, by design, require padlocks. Two (2) complete sets of keys shall be provided with the equipment upon delivery.
- 7.4 Loader will be equipped with standard front and rear fenders.
- 7.5 Loader will be equipped with additional counterweight(s) as necessary to accommodate the extended reach boom.
- 7.6 Loader will be equipped with a second brake pedal.
8. **LOADER OPERATING INFORMATION:**
- 8.1 The loader shall be equipped with an **ACS attachment bracket** for quick changing of attachments. This attachment bracket must be guaranteed to work with Seaford's existing ACS Pro Series 2000 attachments. More information can be supplied if needed. The necessary pins shall be hydraulically actuated from the operator's compartment.
- 8.2 **Bucket Type and Capacity:**
- a. Quick change general purpose to work with above attachment bracket
 - b. SAE heaped: 2.50 cubic yards
 - c. SAE struck: 2.15 cubic yards (minimum)
 - d. Width: 100" (minimum)
 - e. Bolt on cutting edge
- 8.3 Breakout Force: 25,000 pounds (minimum)
- 8.4 Lift Capacity: Straight: 14,900 pounds (minimum)
- 8.5 Wheelbase: 114" (minimum)
- 8.5 Operating Weight: 28,000 pounds (minimum)
- 8.6 Turning Clearance With Bucket: 37' (maximum)
- 8.7 Dump Height @ 45 Down Full Height: **10' 6"** (minimum)
- 8.8 Hinge Pin - Full Height: **13' 9"** (minimum)
- 8.9 Loader to be equipped with an automatic return to dig system and an automatic boom height control. The return-to-dig feature must return the bucket to the digging position from the full lift, full dump position when the machine is operating at maximum torque R.P.M. prior to the bucket reaching ground level.

NOTE:SAE, ICED or PLSA standards will be used when determining all capabilities.

9. INSTRUMENTS AND GAUGES:

9.1 The following instruments and gauges shall be provided. A central digital display with the following functions is acceptable.

- a. Engine hour meter shall be compensating type
- b. Engine tachometer
- c. Engine oil pressure gauge
- d. Engine temperature gauge
- e. Converter oil temperature gauge
- f. Air pressure gauge with low pressure indicator (required if brake system or other major system requires air pressure for operation).
- g. Fuel gauge
- h. Transmission oil temperature gauge
- i. Hydraulic oil level sight gauge
- j. Ammeter or voltmeter

9.2 Indicator lights in lieu of gauges for the items listed in 9.1 will be acceptable.

9.3 All gauges or lights listed in 9.1, with the exception of "i", must be mounted on the dash.

10. PAINT:

10.1 Unit to be painted to manufacturer's specifications, however, the finished product must include as a minimum a rust inhibitive primer coat and manufacturer's standard finish color coat.

11. MANUALS:

11.1 Two (2) Operator's Manuals

11.2 Three (3) Part's Manuals or CD per unit ordered

11.3 Three (3) Shop Repair Manuals or CD per unit ordered

12. GENERAL:

12.1 The following safety items will be supplied:

- a. One (1) first aid kit, Zee Deluxe Truck Kit P/N 105, or approved equal, mounted in the cab, per unit.

- b. One (1) fire extinguisher, 5-pound ABC (minimum) dry chemical charge, with heavy duty vehicle bracket, or approved equal, per unit, mounted preferably in the cab if there is sufficient room.
- 12.2 The successful bidder will arrange with the manufacturer to conduct a minimum of two (2) hours of preventive maintenance and service instruction and two (2) hours of orientation in operation instruction at a location to be designated by the City at a later date within two (2) weeks after delivery of the machine. Classroom and shop facilities will be available for the instruction.
- 12.3 The successful bidder will be contacted by the Department personnel to arrange the specific areas to be covered. However, for planning purposes, scheduled servicing, trouble shooting of the transmission, engine and various systems and suggested preventive maintenance should be considered.
13. WARRANTY:
- 13.1 The successful bidder shall extend to the City a policy guarantee on article(s) and/or services against defective material and workmanship for a period of two (2) years or 2,000 hours from the date of unit acceptance. This will cover the entire unit (bumper to bumper). Any item which is normally covered by the warranty policy but is determined to have been damaged through misuse or operator neglect will be exempt from coverage. In cases where items that are excluded from coverage under this warranty policy but are covered by a manufacturer's policy, the manufacturer's policy will be provided to the City.
- 13.2 Warranty period shall begin after the unit has been inspected by the City personnel and found to be totally in compliance with the terms, conditions and specifications of this contract and accepted.
- 13.3 If any part of the unit is normally covered by a warranty policy for more than the minimum period, the full period of warranty policy will be provided.
- 13.4 When warranty work is required, the City will notify the successful bidder. All warranty work shall be performed in the City's facility, at no additional cost to the City, unless the nature of the work dictates the use of a specialized facility. In such cases the bidder will provide all necessary transportation both to and from the specialized facility or bidder's location, at no cost to the City.
- 13.5 The successful bidder shall comply with the manufacturer's warranty or authorize a qualified dealer in the locality in which the unit is assigned to do whatever is required to comply with the manufacturer's warranty without cost to the City.
- 13.6 Upon notification that warranty work is required, the successful bidder will be required to begin necessary repairs and/or adjustments within three (3) working days. The necessary work will be accomplished as expeditiously as possible, however, in no case shall it exceed the authorized time standard established by the manufacture plus an additional three (3) working days for scheduling, unless parts are required. If parts are required, ten (10) working days, in addition to the time indicated above, will be allowed for their procurement.

- 13.7 If required repairs are not accomplished within the prescribed limits established above, a loner unit will be provided by the vendor at no cost to the City.
- 13.8 The successful bidder will be responsible to ensure that work required on any unit component covered by this warranty is accomplished within limits prescribed herein. All work performed in City facilities will be during the normal working hours of that facility.

**BID PROPOSAL
CITY OF SEAFORD WASTEWATER
ARTICULATED 4-WHEEL DRIVE
FRONT END LOADER**

NEW UNIT:

2022 (or newer) Articulated 4-wheel drive front end loader with ACS attachment bracket and bucket are to be a complete turn-key package delivered to the City of Seaford.

Total Cost: \$ _____

Estimated Delivery Time: _____

TRADE-IN:

2012 Case 621B XR articulated 4-wheel drive front end loader with approximately 10,700 hours.

Trade Allowance: \$ _____

Cost less trade: \$ _____

***Contact Bryant Tifft, Operations Coordinator, at (302) 629-8340 for an appointment to inspect used front end loader prior to bidding.**

A complete list of specification for all components of the vehicle being bid shall be submitted with all bid proposals. All deviations from this bid specification MUST be submitted, in writing, with this bid proposal. Failure to bid all specs may disqualify your bid.

Bidder's Name (Please print or type)

Cell Phone #

Name of Officer (Please print or type)

Email Address

Signature of Officer of Company

Date

Address