



**VILLAGE OF LINDENHURST  
REQUEST FOR PROPOSAL  
ARTICULATED WHEEL LOADER**

## **Village of Lindenhurst**

### **Request for Proposal**

The Village of Lindenhurst is requesting proposals for (1) Articulating Wheel Loader. Sealed proposals will be received by the Village of Lindenhurst at 2301 East Sand Lake Road, Lindenhurst, IL 60046, for the purpose of evaluating costs and operating parameters on a new Articulating Wheel Loader. Upon completion of the evaluation by the Village an order may be placed. Proposals will be received until **1:00 P.M. Central Standard Time on September 13, 2018.**

### **VILLAGE OF LINDENHURST RIGHTS**

The Village reserves the right to cancel this RFP in writing or postpone the date and time for submitting proposals at any time prior to the proposal due date. The Village by this RFP does not promise to accept the lowest cost or any other proposal and specifically reserves the right to reject any or all proposals, to waive any formal proposal requirements, to investigate the qualifications and experience of any Proposer, to reject any provisions in any proposal, to modify RFP contents, to obtain new proposals, to negotiate the requested services and contract terms with any Proposer, or to proceed to do the work otherwise.

The Village hereby notifies all proposers that it will affirmatively insure that in regard to any contract entered into, pursuant to this request, minority business enterprises will be afforded full opportunity and are encouraged to submit proposals in response to this invitation and will not be discriminated against on the grounds of race, color, sex, or national origin in consideration for an award. The Village reserves the right to accept or reject any and all proposals that is in the best interest of the Village. All questions and inquiries will be addressed to:

Charles Hernandez Utility Systems Manager 2301 East Sand Lake Road Lindenhurst, IL 60046 847/356-1765 Ext. 201 chernandez@lindenhurstil.org	Brian Kuebker Fleet & Facility Coordinator 2301 East Sand Lake Road Lindenhurst, IL 60046 847/356-1764 Ext. 206 bkuebker@lindenhurstil.org
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**GENERAL SPECIFICATION**

**MODEL:** Unit shall be a new current year model.

**WARRANTY:** Shall be stated in **writing** on the form provided.

**DELIVERY:**

- Proposer must perform a complete pre-delivery service prior to delivery of equipment.
- Unit is to be delivered to the Lindenhurst Waste Water Treatment Facility located at 2060 Grass Lake Road, Lindenhurst, IL 60046
- **Proposer must state the number of days for delivery from time of order.**

**TRAINING:**

- Upon delivery to end-user Proposer will provide instruction to operators on Proper operation and daily maintenance.
- Onsite training at the Lindenhurst Waste Water Treatment Facility should be scheduled at time of order.

**PROPOSER:**

- There shall be \$500,000.00 minimum of product Liability coverage by the manufacturer and minimum of \$500,000.00 liability coverage by the Product installers to protect the Village of Lindenhurst.
- Certification shall be provided with proposal.
- Preference may be given to Proposer who has a local dealer with a reasonable amount of parts inventory for the unit that has been proposed and a complete service facility.
- On new models or equipment not previously purchased by the Village of Lindenhurst, the Village may elect to have a demonstration of the models being considered.

## **Loader Bidding Specifications**

### **1.0 INTENT**

It is the intent of this specification to provide for the purchase of one new and unused Articulated Loader to be used by the Village of Lindenhurst Public Works. The Village of Lindenhurst Public Works has evaluated different styles of loaders and has determined that this published specification is best suited for the Village needs in terms of quality and features. This specification shall not be interpreted as restrictive but rather as a measure of quality and performance against which all other articulated loaders will be compared.

In comparing proposals, comparison will not be confined to price only. The successful proposer will be one whose product is judged as best serving the interests of the Village when price, product, quality and delivery are considered. The Village also reserves the right to reject any or all proposals or any part thereof, and to waive any minor technicalities. A contract will be awarded to the proposer submitting the lowest responsible proposal meeting the requirements.

### **2.0 EQUIVALENT PRODUCT**

Proposals will be accepted for consideration on any make or model that is equal or superior to the articulated loader specified. Decisions of equivalency will be at the sole interpretation of the Village. A blanket statement that equipment proposed will meet all requirements will not be sufficient to establish equivalence. An original manufacturer's brochure of the proposed product is to be submitted with proposal.

### **3.0 INTERPRETATIONS**

In order to be fair to all proposers, no oral interpretations will be given to any proposer, as to the meaning of the specification documents or any part thereof. Every request for such a consideration shall be made in writing. Based on such inquiry, the Village may choose to issue an Addendum in accordance with local state laws.

### **4.0 GENERAL**

The specification herein states the minimum requirements of the Village. All proposals must be regular in every respect. Unauthorized conditions, limitations, or provisions shall be cause for rejection. The Village will consider as irregular or non-responsive any and all proposals that are not prepared and submitted in accordance with the proposal document and specification, or any proposal lacking sufficient technical literature to enable the Village to make a reasonable determination of compliance to the specification. It shall be the proposer's responsibility to carefully examine each item of the specification. Failure to offer a completed proposal or failure to respond to each section of the technical specification (COMPLY: YES NO) will cause the proposal to be rejected without review as non-responsive. All variances, exceptions and/or deviations shall be fully described in the appropriate section. Deceit in responding to the specification will be cause for rejection.

**SPECIFICATIONS**

**ENGINE**

	<b>YES</b>	<b>NO</b>
1. The wheel loader shall have a 6-cylinder, turbocharged diesel engine with a minimum 151 net horsepower at 2,000 RPM.	_____	_____
2. The engine shall provide a minimum SAE net torque rating of 510 ft-lbs at 1,600 RPM.	_____	_____
3. Engine to be Tier-4 Certified per Federal Standards with Selective Catalytic Reduction (SCR) with Diesel Exhaust Fluid (DEF) & shall not require Internal Gas Regeneration.	_____	_____
4. Engine can be set to operate at (3) different selectable power curves	_____	_____
5. Electronic controlled engine	_____	_____
6. High Pressure Common Rail (HPCR) fuel injection	_____	_____
7. Parent metal bore engine block	_____	_____
8. Integral water pump	_____	_____
9. Dual stage air cleaner	_____	_____
10. 24-volt electrical system with master disconnect	_____	_____
11. Minimum 120-amp alternator	_____	_____
12. Minimum of (2) 700 CCA standard batteries	_____	_____
13. Serpentine accessory belt with automatic self-adjusting tensioner	_____	_____
14. Hydraulic driven fan that can be reversed for cleaning	_____	_____
15. All coolers are arranged to eliminate any stacking of coolers	_____	_____
16. Vertical spin-on engine oil filter	_____	_____
17. 500 hour engine oil change interval	_____	_____

**FULLY SYNCHRONIZED TRANSMISSION**

	<b>YES</b>	<b>NO</b>
1. The wheel loader power train shall consist of a torque converter drive with a full power shift transmission.	_____	_____
2. Electronic controlled transmission that can be calibrated through the machine console	_____	_____
3. Four forward speeds	_____	_____
4. Three reverse speeds	_____	_____
5. Minimum travel speed of 24 MPH	_____	_____
6. Electronic forward/reverse shuttle shift	_____	_____
7. Countershaft design	_____	_____
8. Transmission clutch disconnect	_____	_____
9. Down shift capabilities from 2nd to 1st and back to second gear - Manual mode	_____	_____
10. Down shift capabilities from 4th to 1st in auto shift mode	_____	_____
11. Down shift control button located on the loader control lever for single lever-two spool or two lever-three spool configurations, or next to the levers for two lever-two spool or three lever-three spool configurations	_____	_____
12. Auto shift transmission	_____	_____
13. Programmable to shift no higher than 2nd or 3rd gear	_____	_____
14. Programmable to start out in 1st or 2nd gear in the auto shift mode	_____	_____
15. F-N-R switch located near the loader control on two lever-two spool and three lever-three spool or on the loader control lever for single lever-two spool and two lever-three spool configurations	_____	_____

**AXLES**

	<b>YES</b>	<b>NO</b>
1. Limited slip differentials (front and rear)	_____	_____
2. Outboard Planetaries & Brakes*	_____	_____
3. Self-lubricated trunnion bearings	_____	_____
4. Total rear axle oscillation of 24 degrees	_____	_____

**BRAKES**

**YES**

**NO**

- 1. The wheel loader outboard wet disc service brakes shall be fully hydraulic
- 2. Independent brake lines for front a rear service brakes
- 3. Oil cooled brakes
- 4. Service brakes can be operated by one or two brake pedals
- 5. Caliper disk parking brake located on the transmission output shaft
- 6. Parking brake that is spring applied, hydraulically released (SAHR)
- 7. Parking brake that is switch operated
- 8. Parking brake to apply when engine power is lost

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**LOADER AND LINKAGE FEATURES**

**YES**

**NO**

- 1. Single bucket cylinder - extended Z-bar (XR) configuration
- 2. Flame-cut design for loader arms
- 3. Dual parallel lift cylinders
- 4. Factory installed Ride Control with adjustable speed setting.
- 5. Loader to be equipped with Return-to-dig , Return-to-travel , Automatic height control as Standard Equipment

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**LOADER BUCKET**

**YES**

**NO**

- 1. The wheel loader bucket shall be a minimum of 102 inches wide with a 2.5 cubic yard heaped capacity.
- 2. Pre-drilled edge for bolt-on cutting edge
- 3. Pre-drilled edge for bolt-on teeth
- 4. Bucket level indicator
- 5. Bolt on replaceable heel plates
- 6. Bolt on reversible cutting edges

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**PERFORMANCE**

**YES**

**NO**

- 1. The specified wheel loader with extended reach Z-Bar shall be a fully serviced unit that includes all standard equipment, ROPS cab with heater and air conditioning, 20.5R25 L3 Radial Tires, front and rear fenders, 2.5 cubic yard bucket w/ bolt-on edge, factory installed heavy counterweight and 175lb operator.
- 2. The unit shall weigh a minimum of 29,000 pounds as configured.

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**OPERATOR ENVIRONMENT**

**YES**

**NO**

- 1. The wheel loader shall be equipped with an enclosed pressurized cab.
- 2. Sun visor
- 3. Floor-mounted accelerator
- 4. Transmission shift lever within easy reach of the operator
- 5. All glass surfaces free of rubber moldings
- 6. Side windows that fully open 180° and secure to the rear of the cab
- 7. Side windows that can be secured when partially opened
- 8. Door that opens toward the rear of the cab
- 9. Front and rear wipers and washers
- 10. Intermittent front wiper
- 11. Two front and rear LED work lights
- 12. Two front LED driving lights with hi/low beam
- 13. Two rear LED tail/stop lights
- 14. Front and rear turn signals and flashers lights
- 15. Interior dome light
- 16. One interior rear view mirrors
- 17. Two exterior rear view mirrors
- 18. Cloth Heated Air Seat
- 19. 2" Retractable seat belt

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**Articulated Wheel Loader:**

Base Manufacture \_\_\_\_\_

Hydraulics \_\_\_\_\_

Other Warranties that apply: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

**Base Price W/Trade-in**

Loader Make: \_\_\_\_\_ Model: \_\_\_\_\_

Base Bid: \$ \_\_\_\_\_

**Attachments:**

2.5 cubic yard bucket: \$ \_\_\_\_\_

Z-Bar Extension w/ Hydraulic A117 Coupler: \$ \_\_\_\_\_

**Total Cost:** \$ \_\_\_\_\_

**Trade-in Allowance**

2002 Case 621D \$ \_\_\_\_\_

Serial # JEE0135258

**Extended Cost minus Trade-in Allowance** \$ \_\_\_\_\_

**Extended Cost minus Trade-in Allowance Written:**

\_\_\_\_\_

**Delivery Date**

Number of days for delivery from date of order: \_\_\_\_\_

Company \_\_\_\_\_

By: \_\_\_\_\_

(Name Printed)

(Signature)

(Title)

(Date)