

February 14, 2020

Dear Prospective Bidder:

You are invited to submit a bid to provide Racine County Public Works and Development Services with One (1) New Current Model Year 3.5 Yd. Front Wheel Loader. Sealed bids are due on or before **2:00p.m. CST, on Tuesday, March 3, 2020** at the address listed in Section H. Late bids will not be accepted.

Responses must be in a sealed envelope or box and addressed per Section H of the Invitation to Bid. Your response must be manually signed and dated and include all requested information.

General questions regarding the bid should be directed to Crystal Moore at (262) 636-3522 or via email at [Crystal.Moore@racinecounty.com](mailto:Crystal.Moore@racinecounty.com) during regular business hours.

Technical questions and arrangements to view the trade-in unit should be directed to Brett McDonald, Shop Operations Manager, at (262) 886-8446 or via email at [Brett.McDonald@racinecounty.com](mailto:Brett.McDonald@racinecounty.com) between the hours of 8:00 a.m. and 3:30 p.m., Monday through Friday.

No other Racine County employee or representative is authorized to provide information or interpret any portion of this solicitation. Contact to any Racine County employee or elected official regarding this Invitation for Bid during this process is prohibited unless authorized by the Racine County Finance Manager

Sincerely,

Brett McDonald  
Shop Operations Manager

Enclosure: Bid Package

**3.5 YD FRONT WHEEL LOADER**  
**Request for Bid**  
Bid # PW 2020-2005

**I. INSTRUCTIONS TO BIDDER**

**A. GENERAL**

The purpose of the specification is to convey Racine County's requirements for the purchase of one (1) new current model year 3.5 yd. Front Wheel Loader.

The intent of these specifications is:

- to stipulate the MINIMUM acceptable requirements of good engineering design and performance,
- to establish the bidder's responsibility to furnish all necessary appurtenances and labor in supplying the vehicle being advertised for and,
- to assure complete conformance by the successful bidder with the requirements outlined.

Any item omitted which is clearly necessary for the satisfactory performance of the proposed equipment, even though not directly specified, shall be considered a part of the contract.

**B. BIDDER'S QUESTIONS**

Bidders are reminded to **carefully** examine the bid and specifications upon receipt. Bidders should make a written request to Crystal Moore, Finance Manager at [Crystal.Moore@racinecounty.com](mailto:Crystal.Moore@racinecounty.com) for interpretation or correction of any printed material. Any requests for change shall be submitted in writing at least five (5) working days prior to bid opening. Request for changes received after that time will not be considered.

**C. ADDENDA**

Any changes made as a result of a written request will be issued via bid addenda to all prospective bidders and if necessary, an extension will be made to the bid opening date. Addenda will be posted to the Racine County Website ([www.racinecounty/government.com](http://www.racinecounty/government.com)) under RFPs/Bids. Bidders are responsible for checking this website for any future addenda, etc. prior to the opening date. All addenda must be signed and returned with your bid as specified in the addenda. Bidders who do not return the addenda may have their bids rejected. If you are unable to access the internet, contact Racine County Finance Department at 262-636-3522 for a hard copy.

If a vendor receives a proposal packet from any source or entity other than Racine County Purchasing, the bidder is responsible for contacting Racine County Finance Department and requesting the firm's name be put on the bid list for the project. Failure to do so in no way obligates the County to send out addendum or other information concerning this request to the firm.

**D. METHOD OF BID**

Bidders shall submit bids on the bid form provided. See section III. CONTENTS OF BID for a list of documents to be included. Bids written in pencil or in a format other than the attached worksheets will be rejected. Erasures or corrections of mistakes on Bid Forms or Minimum Specifications should be initialed or signed by bidder. Failure to meet any requirements listed in this bid document may be cause for disqualification of the bid.

Each copy of the bid shall include the Certification of Vendor page and acknowledgement of addendum(s) **if any**. A legally authorized representative of the bidder will sign the Certification of Vendor page.

**E. TWO COPIES ARE REQUIRED**

Unless otherwise specified, two (2) copies of the bid on prescribed form are required, one of which shall be an **original** signed copy.

**F. INCURRING COSTS**

Racine County shall not be liable for any costs incurred by a vendor in replying to this Invitation for Bid (IFB) including any vendor meetings.

**G. DUE DATE**

Two (2) copies of your bid response are to be received by **2:00 p.m. CST on Tuesday, March 3, 2020** in the Racine County Finance office. The bids will then be publicly opened and read aloud. Sealed bids received after 2:00 pm central time as dictated by [www.time.gov](http://www.time.gov) will be considered late, will not be accepted.

**H. ADDRESSING OF BIDS**

Bid responses shall be submitted in a sealed envelope. The sealed envelope shall be marked with bidder's return address and addressed as follows:

TO: Racine County Courthouse  
ATTN: Crystal Moore, Finance 4<sup>th</sup> Floor  
730 Wisconsin Avenue  
Racine, WI 53403

In the lower left-hand corner write:

**"FRONT WHEEL LOADER, DUE: MARCH 3, 2020"  
BID# PW 2020-2005**

**I. WITHDRAWAL OF BIDS**

Bids may be withdrawn on written or electronic request received from bidder prior to time and date fixed for bid opening. Negligence on the part of the bidder in preparing their bid response confers no right for withdrawal of the bid after it has been opened. Withdrawn bids will be returned unopened prior to the time and date set for bid opening.

**J. AMENDMENTS TO BIDS**

Each bidder will be allowed a period of forty-eight (48) hours after the time and date set for receipt of bids to notify the County in writing of a material mistake in the bid. Failure of bidder to notify the County in the manner and within the time limit specified above will constitute a waiver by the bidder of all rights

and remedies relative to a material mistake. Formal bid amendments thereto or requests for withdrawal of bid received by Racine County after time specified for opening will not be considered.

**K. BID BINDING – 60 DAYS**

Unless otherwise specified, all formal bids submitted shall be binding for sixty (60) calendar days following bid-opening date or upon award.

**L. PROPRIETARY INFORMATION**

All vendor-supplied materials, including the vendor's proposal, become the property of Racine County. Racine County will work with vendors to meet their confidentiality requirements, provided that they are within reason. All vendor confidential material must have each page clearly marked as confidential. Wisconsin "Open Records Laws" apply.

**II. TERMS AND CONDITIONS**

**A. TAX EXEMPTION**

All bids are tax exempt as Racine County is not subject to Federal or State Tax.

**B. NEW EQUIPMENT**

The vehicle or equipment offered is to be of the latest type and commercial model manufactured and is to be **new and unused**. Manufacturer's literature covering specifications and description of vehicles must accompany bid. The vehicle shall be furnished and delivered complete with operating accessories, modifications and equipment as specified herein.

**C. SAFETY REQUIREMENTS**

It shall be the successful bidder's responsibility that the loader meets all OSHA and EPA requirements in effect on the date of vehicle delivery.

All operating specifications shall be based on current SAE Standards and shall be the basis for determining compliance with specification requirements.

**D. DEMONSTRATION**

Racine County reserves the right to request a demonstration of any bidder's proposed vehicles, **prior** to issuance of a purchase order.

**E. TRADE INS**

Racine County reserves the right to accept the trade-in allowance or to keep the proposed trade-in unit. The successful bidder agrees that any trade-in vehicle or equipment will not be surrendered until the new unit is in road-operable condition and in service. Mobile radio equipment in the trade-in unit will remain the property of Racine County and will be removed by Racine County.

**F. VIEWING EQUIPMENT**

Arrangements to view the trade-in unit may be made by contacting Brett McDonald, Shop Operations Manager, at (262) 886-8446 between the hours of 8:00 a.m. and 3:30 p.m., Monday through Friday.

**G. DELIVERY**

Equipment is to be delivered to Racine County Public Works & Development Services 14200 Washington Avenue, Sturtevant, WI 53177. Contact Brett McDonald with the delivery date.

**H. PRICING**

All bid prices must include delivery, F.O.B. destination freight prepaid, unless otherwise specified in the bid invitation.

Prices must be net after deducting all trade and quantity discounts. Where cash discounts for prompt payment are offered, the discount period shall begin with the date of receipt of a correct invoice or receipt of final acceptance of goods, whichever is later.

Vendors who wish to quote a discount for early payment may do so by noting the discount in the Payment Terms on the Invitation for Bid Form; for example – 2/15 net 30. Discounts will be considered when evaluating costs.

**I. WARRANTY**

Warranty shall start the day vehicle is placed in service at the Public Works Department. The manufacturer shall warrant the entire vehicle or equipment and any furnished devices, against parts failure or malfunction due to design, construction, installation, or errors in assembly of components, defective material, and workmanship.

**J. TITLE / REGISTRATION**

In order to comply with the State and Federal code for vehicles, the vendor, supplier, or manufacturer of applicable vehicle shall, upon delivery, furnish Racine County with the following documents, if applicable, completely filled out.

1. Certificate of Title only to:

Racine County Public Works & Development Services  
14200 Washington Avenue  
Sturtevant, WI 53177

2. Certification of odometer mileage
3. Tax exemption certificates

Racine County will take the responsibility for completing the registration and providing license plates for the unit when required by State law.

**K. PURCHASE ORDERS**

No shipment shall be made under the contract until a Purchase Order has been received unless otherwise agreed to by the Purchasing Coordinator or Finance Manager in writing.

**L. DESCRIPTIVE LITERATURE**

Bidder shall attach manufacturer's current literature and specifications covering the latest model of equipment on which he is bidding, and which specifically and clearly indicates coverage of all items shown in the bid specifications. If the manufacturer's literature does not clearly reflect these items, the bidder shall attach certification from the manufacturer verifying compliance with the bid specifications.

**M. AFFIRMATIVE ACTION**

Racine County is committed to fulfilling its role as an Affirmative Action/Equal Opportunity Employer. We request your vigorous support of our Affirmative Action efforts. Our relationship with your agency is based upon your willingness to accept and comply with Executive Order 11246, as amended, and other federal laws requiring equal employment opportunity without regard to race, religion, color, national origin, sex, disability or veteran status. By signing the Certification of Vendor page, you indicate your acceptance and compliance.

### III. CONTENTS OF BID

Each bid shall contain the following documents in this order:

1. Certification of Vendor (Bidder) page – page 13 – one original signature in blue ink required.
2. Bid Proposal Form – page 12
3. Minimum Specifications – pages 7 through 11.
4. Warranties – page 11.
5. Details of exceptions or alternates to the minimum specifications if required.
6. Manufacturer literature.

**Failure to fully complete bid package could result in rejection of the bid.**

### IV. AWARD CRITERION

#### A. RESPONSIBLE BIDDER

Award will be made to the lowest responsive, responsible bidder conforming to the specifications, terms and conditions, or to the most advantageous bid for Racine County on a quality versus price basis.

#### B. AWARD AUTHORITY

The Racine County Public Works & Development Services Department will be the sole judge of the quality and suitability of the equipment, materials and/or services offered in its determination of the successful bidder.

All bidders, by submission of their respective bids, agree to abide by the rules, regulations, and procedure of Racine County. Racine County reserves the right, at its sole discretion to utilize the services of an independent ancillary service with the most successful bidder. Intent to award will not be made and a contract will not be executed until Racine County, at its sole discretion, accepts the proposed bid.

#### C. OTHER CONSIDERATIONS

In making the award for furnishing this equipment, factors other than price may be considered such as SAE standards, delivery date, parts, service, local and past experience with equipment, adaptability to County's requirements, operating advantages, structural design of machine, etc.

#### D. DISQUALIFICATION

Vendor shall bid on all items listed in the IFB. Bids with substitutions of specified equipment and/or failure to provide pricing will result in a **noncompliance** bid and will be viewed as a "No Bid".

Awards will not be made to any person, firm, or company in default of a contract with the County, or to any bidder having as its sales agent, representative, or any member of the firm, any individual previously in default or guilty of misrepresentation.

#### E. TIE BIDS

If two (2) or more bidders submit identical bids, the decision of the County to make award to one or more of such bidders shall be final.

**V. MINIMUM SPECIFICATIONS**

Bidders are required to complete the Vendor Bid Specification column in its entirety. If the vendor meets the minimum specifications, a “√” shall be entered on the corresponding line for all items. Any exceptions or alternates to minimum specifications shall be listed in the space provided or on a separate sheet.

**Failure to fully complete bid package could result in rejection of the bid.**

The wheel loader must be new, unused current production model.

It shall have all standard equipment as shown in the manufacturer’s printed literature.

Modifications of existing models to meet these specifications will not be permitted.

All operating specifications shall be based on current SAE standards and shall be the basis for determining compliance with specification requirements.

The loader shall be articulated steering, 4-wheel drive, extended reach with an operating weight of between 30,000 and 32,600 lbs.

Loader must meet all OSHA and EPA requirements.

**Minimum Specifications**

**Vendor Bid Specifications**

**A. Engine**

- 1. Turbo charged diesel, manufactured by the same company as the machine. \_\_\_\_\_
- 2. SAE J1349 net horsepower \_\_\_\_\_
- 3. SAE J1349 net torque \_\_\_\_\_
- 4. EPA Tier IV Certified \_\_\_\_\_
- 5. Dual element air cleaner \_\_\_\_\_
- 6. Single serpentine belt with automatic self-adjusting tensioner for alternator \_\_\_\_\_
- 7. Vertical spin on oil filters \_\_\_\_\_
- 8. 500- hour engine oil change intervals \_\_\_\_\_
- 9. Stainless Steel Exhaust \_\_\_\_\_
- 10. No auto idle shutdown. Unit must be able to idle for long periods of time without engine shutdown. \_\_\_\_\_

**B. Transmission**

- 1. 4 speeds forward and 3 speeds reverse \_\_\_\_\_
- 2. Electronic forward/reverse shuttle shift \_\_\_\_\_
- 3. Counter shaft design \_\_\_\_\_
- 4. Down shift control button located on top of the loader control lever \_\_\_\_\_
- 5. Auto shift transmission \_\_\_\_\_

**C. Cooling System**

- 1. Heavy Duty Radiator, hydraulic oil radiator cooler and transmission cooler \_\_\_\_\_



- 2. Hydraulic driven radiator cooling fan, Fan to be hydraulically reversible to blow debris and dust out of radiators.

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**D. Axles**

- 1. Limited slip differentials front and rear
- 2. Locking front differential
- 3. Outboard planetary axles

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**E. Brakes**

- 1. Hydraulic wet disc brakes
- 2. Out board mounted
- 3. Separate system for front and rear
- 4. Disc parking brake located on transmission out-put shaft
- 5. Parking brake applied when electric power is lost
- 6. Stainless steel brake lines.

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**F. Electric System**

- 1. 24 volt electric system
- 2. 65 amp alternator
- 3. Two (2) 12 volt batteries – 700 CCA each
- 4. Electric system master disconnect switch
- 5. Remote battery terminals for jump starting with hood closed

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**G. Lighting**

- 1. Four (4) LED front mounted flood lights, two (2) mid mounted, two (2) on top of cab
- 2. Two (2) rear mounted LED flood lights
- 3. LED Stop/Tail, turn, and backup lights
- 4. All to be factory installed

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**H. Alarms**

- 1. Horn
- 2. Back up
- 3. Low engine oil pressure
- 4. High water temp
- 5. On board diagnostics do not require the use of additional tools

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**I. Instrumentation**

- 1. Speedometer, tachometer, gear position, fuel level, DEF level, transmission oil temp, engine coolant temp, hour meter and voltmeter

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**J. Tires**

- 1. Four (4) 20.5 x 25 L3 radial tires and steel wheels

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**K. Linkage**

- 1. Ride control system – factory installed
- 2. Extended reach loader arms
- 3. Single bucket cylinder
- 4. Dual lift cylinders

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**L. Bucket**

- 1. 3.5 cubic yard bucket with bolt on edge
- 2. Bucket level indicator
- 3. ACS 1000 back
- 4. Self leveling
- 5. Height control
- 6. Return to travel control
- 7. Return to dig
- 8. Float position

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**M. Coupler**

- 1. ACS 1000 coupler
- 2. The machine will have a quick coupler with hydraulic pin engagement. The pins will be engaged or retracted by the operator from within the cab. The quick coupler will be compatible with all existing Racine County attachments.

**N. Performance/Dimensions - Specify**

- 1. Minimum SAE breakout force – 27,300 lbs
- 2. Minimum static straight tipping load
- 3. Minimum operating load – 8950 lbs.
- 4. Dump reach at full height and 45-degree dump
- 5. Hinge pin height, fully raised
- 6. Wheel base – 128"
- 7. Minimum of 40 degree articulation from center

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**O. Operator Environment**

- 1. Single lever control (joystick) for hydraulic system along forward and reverse functions.
- 2. Hydraulic system for operation of existing Racine County 4 in 1 bucket

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- 3. ROPS, cab, heater, defrosters Ft. & Rr., fan, dome light, sun visor \_\_\_\_\_
- 4. Pressurized cab with filter for outside air \_\_\_\_\_
- 5. Dual outside rear view mirrors \_\_\_\_\_
- 6. Air Conditioning \_\_\_\_\_
- 7. Rear view camera with accessory mount \_\_\_\_\_
- 8. Tilting steering column \_\_\_\_\_
- 9. Floor mounted accelerator \_\_\_\_\_
- 10. Side windows that can open partially or fully. \_\_\_\_\_
- 11. Front intermittent wiper, rear wiper, front and rear washer \_\_\_\_\_
- 12. Cloth air suspension seat \_\_\_\_\_
- 13. AM/FM Radio with weather \_\_\_\_\_
- 14. Roof pre-wired for overhead warning light to main switch panel \_\_\_\_\_
- 15. 12 volt 2-way 40W 13-amp radio ready \_\_\_\_\_

**P. Miscellaneous**

- 1. Rear draw bar hitch \_\_\_\_\_
- 2. Front and rear fenders \_\_\_\_\_
- 3. Vandal protection lock up system \_\_\_\_\_
- 4. Additional rear counter-weight installed, as/if necessary, to prevent rear wheels from coming off ground when bucket is fully loaded with material and extended out to its farthest reach. \_\_\_\_\_
- 5. A complete set of belts and filters for entire machine. \_\_\_\_\_
- 6. Spare rim and tire. \_\_\_\_\_

**Q. Serviceability**

- 1. One-piece engine hood that flips open from rear of machine for complete engine access \_\_\_\_\_
- 2. Remote drain points for engine oil, coolant, and hydraulic oil \_\_\_\_\_
- 3. Lubed for life u-joints \_\_\_\_\_
- 4. Double tapered bearings in articulation joint \_\_\_\_\_
- 5. 65 gallon fuel tank \_\_\_\_\_
- 6. Sight gauge for hydraulic oil, transmission levels \_\_\_\_\_
- 7. Lubecore automatic grease system for all pivot points on machine \_\_\_\_\_

**R. Training & Software**

- 1. Eight (8) hours of hands on training by factory certified representative(s) at the Ives Grove facility. \_\_\_\_\_
- 2. Latest edition repair, service and maintenance software able to be loaded on a county supplied laptop along with online access for repair parts shall be supplied. \_\_\_\_\_
- 3. Annual renewal fee for software \$ \_\_\_\_\_

**S. Warranty**

- 1. Unit must carry the manufacturer's new machine warranty which shall be a minimum of 3 years. A copy of the warranty must be attached to the bid proposal. \_\_\_\_\_
- 2. List location of service and parts facility \_\_\_\_\_
- 3. Is warranty work pick-up and delivery free to service location? \_\_\_\_\_  
If no, cost of pick up and return? \$ \_\_\_\_\_
- 4. When unit is out of warranty period, what will be the typical cost of a service call from vendor's facility to the Racine County Public Works building? \$ \_\_\_\_\_

**RACINE COUNTY ALSO WOULD LIKE TO HAVE A QUOTE ON A ONE SIZE SMALLER UNIT. RACINE COUNTY UNDERSTANDS THAT THE PERFORMANCE/DIMENSIONS WILL BE DIFFERENT. ALL OTHER SPECIFICATIONS SHOULD BE SIMILAR**

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**BID PROPOSAL FORM**  
Bid# PW 2020-2005

VENDOR: \_\_\_\_\_

MAKE AND MODEL: \_\_\_\_\_

LIST PRICE: One (1) **3 1/2** Yard Wheel Loader, Four-Wheel Drive  
Articulated as Per Specifications \$ \_\_\_\_\_

DISCOUNT: \$ \_\_\_\_\_

LESS TRADE-IN: One (1) 2002 Racine County Case  
Wheel Loader 621D \$ \_\_\_\_\_

**NET BID PRICE (This is a firm bid price)** \$ \_\_\_\_\_

Delivery Date: On or Before \_\_\_\_\_

MAKE AND MODEL: \_\_\_\_\_

LIST PRICE: One (1) **2 1/2** Yard Wheel Loader, Four-Wheel Drive  
Articulated as Per Specifications \$ \_\_\_\_\_

DISCOUNT: \$ \_\_\_\_\_

LESS TRADE-IN: One (1) 2002 Racine County Case  
Wheel Loader 621D \$ \_\_\_\_\_

**NET BID PRICE (This is a firm bid price)** \$ \_\_\_\_\_

Delivery Date: On or Before \_\_\_\_\_

**CERTIFICATION OF BIDDER**

I fully understand the requirements of the County and certify on behalf of my corporation that we can meet the requirements stated above.

Company \_\_\_\_\_ Date \_\_\_\_\_

Signature \_\_\_\_\_

Typed/Printed Name \_\_\_\_\_

Title \_\_\_\_\_

Address \_\_\_\_\_

City/State/Zip \_\_\_\_\_ Telephone \_\_\_\_\_

E-Mail \_\_\_\_\_