

## BIDDER'S CERTIFICATION

I/We hereby certify that:

- A. A complete set of bid proposal papers, as intended, has been received, and that I/We will abide by the contents and/or information received and/or contained herein.
- B. I/We have not entered into any collusion or other unethical practices with any person, firm, or employee of the City which would in any way be construed as unethical business practice.
- C. I/We have adopted a written sexual harassment policy which is in accordance with the requirements of Federal, State and local laws, regulations and policies and further certify that I/We are also in compliance with all equal employment practice requirements contained in Public Act 87-1257 (effective July 1, 1993) and 775 ILCS 5/2-105 (A).
- D. I/We operate a drug free environment and drugs are not allowed in the workplace or satellite locations as well as City of Aurora sites in accordance with the Drug Free Workplace Act of January, 1992.
- E. The Bidder is not barred from bidding on the Project, or entering into this Bid as a result of a violation of either Section 33E-3 or 33E-4 of the Illinois Criminal Code, or any similar offense of "bid rigging" or "bid rotating" of any state or the United States.
- F. I/We will abide by all other Federal, State and local codes, rules, regulations, ordinances and statutes.

COMPANY NAME Sargents Equipment & Repair Service, Inc

ADDRESS 155 Industrial Dr

CITY/STATE/ZIP CODE Gilberts, IL 60136

NAME OF CORPORATE/COMPANY OFFICIAL Lou DeSalvo

PLEASE TYPE OR PRINT CLEARLY

TITLE Sales Manager

AUTHORIZED OFFICIAL SIGNATURE \_\_\_\_\_



DATE 7/12/21

TELEPHONE (847) 844-4131

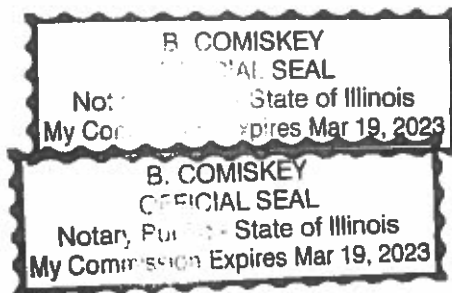
FAX No. (847) 844-4132

Subscribed and Sworn to

Before me this 10<sup>th</sup> day

of July, 2021

  
Notary Public



STATE OF ILLINOIS       )  
                                      )  
County of Kane            )       ss.

**BIDDER'S TAX CERTIFICATION**

(BIDDER'S EXECUTING OFFICER), being first duly sworn on oath, deposes and states that all statements made herein are made on behalf of the BIDDER, that this despondent is authorized to make them and that the statements contained herein are true and correct.

Bidder deposes, states and certifies that Bidder is not barred from Biding with any unit of local government in the State of Illinois as result of a delinquency in payment of any tax administered by the Illinois Department of Revenue unless Bidder is contesting, in accordance with the procedures established by the appropriate statute, its liability for the tax or the amount of the tax, all as provided for in accordance with 65 ILCS 5/11-42.1-1.

DATED this 12TH day of JULY, 2021.

By   
(Signature of Bidder's Executing Officer)

MICHAEL SARGENT  
(Print name of Bidder's Executing Officer)

PRESIDENT  
(Title)

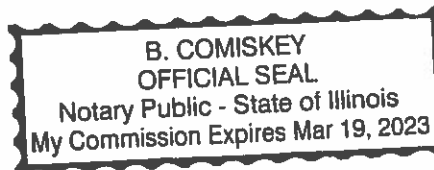
Type text here

ATTEST/WITNESS:

By Barb Comiskey  
Title Asst Br. Mgr

Subscribed and sworn to before me this  
10th day of July, 2021.

  
Notary Public



(SEAL)

In order for Aurora to consider an alternate to the Caterpillar 926M Wheel Loader specified, the following conditions must be met:

- Any proposed machine must be compatible with Caterpillar attachments, including plows, buckets, forks, and lifting booms.
- There must be a facility capable of completely servicing and repairing the wheel loader that is within 50 miles of Aurora
- Caterpillar 926M Wheel loader 541-2670
  - Lane 3 Order 0P-9003
  - Prep Pack, United States 430-2943
  - Steering, Standard 430-2996
  - Differential, limited slip gear 333-6527
  - Environment, Standard 536-53202
  - Weather, cold start 120V 5 25-5964
  - Engine 527-0422
  - Hydraulics, 3V, CPLR Ready, SL 541-3073
  - Hydraulics, Standard, SL 536-5281
  - Lines, AUX 3<sup>RD</sup>, Std lift 530-1623
  - Jumper lines, None 536-5339
  - Lights, AUX, Halogen 559-0841
  - Lights, Roding, Halogen, RH 541-3066
  - Cab, Deluxe 549-0451
  - Seat Deluxe 563-5967
  - Radio, Bluetooth, Aux, Mic 372-1868
  - Product Link, Cellular PL641 565-0908
  - Tires, 20.5R25 MX XTLA\*L2 366-6896
  - Fenders, Standard 366-8148
  - Counterweight, Standard 348-2579
  - Toolbox Aux 491-7922
  - Kit, Serialized Technical Media 0P-2491
  - Ride Control 430-2859
  - Pack, Domestic Truck 0P-210
  - Quick Coupler, Fusion 536-5313
  - Bucket – GP, 2.7 YD3, FUS 360-3320
  - Cutting Edge Bolt on (4 Pieces) 8E-4566

**4.0 Standard Warranty:** 12Months/Unlimited Hours Full Machine Standard Warranty

**5.0 Delivery**

Bidder must state delivery time in days at time of bid.

120 Days

## **6.0 Silence of Specification**

Where the specifications are silent on any part of the description of the equipment, it shall be taken that the manufacturer's best quality item shall be provided.

Exception \_\_\_\_\_  
\_\_\_\_\_

## **7.0 Delivery Address**

City of Aurora  
720 N. Broadway Avenue  
Aurora, IL 60505

## **8.0 Exceptions and Deviations**

Bidder shall fully explain every variance, exception, and or deviation to the bid specifications. Additional sheets/lines may be added if required.

Doosan DL220-5 vs Cat 926M

27,381 lbs

160HP

Plug in Engine Coolant Heater in addition to Engine Pre-heat

LED Headlights vs Halogen

Triangle Radials vs Michelin

Doosan utilizes "Load Isolation System" sometimes referred to as "Ride Control"

JRB Quick Coupler vs Cat Fusion

3 yard bucket with "Bolt of Cutting Edge" vs 2.7 yard

12 Month, 1500 Hour Full Machine Warranty

60" Forks for use with JRB Coupler

Trimble L3180 Loadrite Scale System

Protective Under Belly Covers vs no protective covers

Rotating Beacon on top of Cab vs no rotating beacon

Rear View Camera vs no camera

Telematics System vs Product Link

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

# City of Aurora

Finance Department | Purchasing Division  
44 E Downer Place | Aurora, Illinois & 60507  
Phone: (630) 256-3550 | Fax: (630) 256-3559 | Web: [www.aurora-il.org](http://www.aurora-il.org)



RECEIVED  
7/8/21  
*Lonnie Hall*

DATE: July 7, 2021  
TO: Prospective Bidders  
FROM: Jolene Coulter, Director of Purchasing  
RE: **CITY OF AURORA INVITATION TO BID 21  
PURCHASE OF ONE WHEEL LOADER FOR  
DIVISION**

ORIGINAL

This notice forms a part of the Invitation to Bid 21-35: Purchase of One Wheel Loader for the Water & Sewer Division. All other information pertaining to this Invitation to Bid shall remain the same.

Bidder must submit an original proposal response, marked as "original" and one (1) complete paper copy and shall have provided all requested information and submitted all appropriate forms, certificates, affidavits and addendum acknowledgements in each copy in order to be considered responsive.

Sealed Bid Proposals will be received at the City of Aurora, Attn: City Clerk's Office, 44 East Downer Place, Aurora, Illinois 60507, until **2:00 pm, CST, Wednesday, July 14, 2021** to determine proposals for the anticipated above named purchase. It is the sole responsibility of the Bidder to see that their Bid Proposal is received by the due date and time. No Late proposals will be accepted.

Bid Proposals will be opened via a non-mandatory teleconferenced live stream at 2:00 pm. Zoom information for this opening will be posted 24-48 hours prior.

**Please acknowledge this addendum on your proposal form.** Failure to do so may subject Bidder to disqualification.

Response to requests received:

- 1) Cat 926M loader is 168 Gross Hp at 1800 RPM and John Deere 524L is 161 Gross Hp at 1800 RPM.

Answer: 161 Gross Hp at 1,800 RPM as provided by the John Deere 524L is acceptable.

- 2) The bid requires a Cat Fusion front coupler and John Deere's front coupler is different. The Fusion coupler is owned by Cat. Is it OK to bid the factory John Deere Coupler and the 2.75 Yrd Bucket as specified?

Answer: It is acceptable to bid the factory John Deere Coupler with the 2.75 CY bucket. Bids for equipment supplied with couplers that are not compatible with Caterpillar forks must include a new pair of forks compatible with the coupler supplied.

3) I have a question regarding the wheel loader specifications. In Appendix A, Page 4 it states that "Any proposed machine must be compatible with Caterpillar attachments". The spec notes "Quick Coupler, Fusion". This is a patented Caterpillar system that no other manufacturer can supply.

Answer: See answer for question 2 above.

4. To be added to the specifications:

The wheel loader shall be equipped with an on board bucket scale such as the CAT Payload or equal.

**End of Addendum #1**

CITY OF AURORA, ILLINOIS  
INVITATION TO BID 21-35

**Purchase of One (1) Wheel Loader for the Water and Sewer Maintenance Division**

**CONTACT INFORMATION**

Vendor shall provide the following contact information assigned to service the City of Aurora account.

Customer Service/General Information: Ph: 847-844-4131

To place an order:

Name: Lou DeSalvo  
Ph: 708-321-0030 Fax: \_\_\_\_\_  
E-mail: Lou@sargentsequipment.com

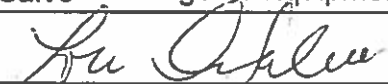
Billing & Invoicing question:

Name: Stephanie Sargent  
Ph: 847-844-4131 Fax: \_\_\_\_\_  
E-mail: stephanie@sargentsequipment.com

Questions:

Name: Lou DeSalvo  
Ph: 708-321-0030 Fax: \_\_\_\_\_  
E-mail: Lou@sargentsequipment.com

Bidder's Name: Lou DeSalvo Sargents Equipment & Repair Service, Inc

Signature & Date:  7/12/21

CITY OF AURORA, ILLINOIS  
INVITATION TO BID 21-35

**Purchase of One (1) Wheel Loader for the Water and Sewer Maintenance Division**

**REFERENCES**

(Please Type)  
Organization DuPage Airport Authority  
Address 2700 International Dr  
City, State, Zip West Chicago, IL 60185  
Phone Number 630-208-6196  
Contact Person Nicole Forbear  
Date of Project 9/1/2020

\*\*\*\*\*

Organization Deneen Inc  
Address 131 N. Canyon Park Rd.  
City, State, Zip Stockton, IL 61085  
Phone Number 773-459-3479  
Contact Person Mike Deneen  
Date of Project 11/28/20

\*\*\*\*\*

Organization Illinois Department of Natural Resource  
Address 25302 W. Story St.  
City, State, Zip Channahon, IL 60410  
Phone Number 815-942-9501  
Contact Person Dan Bell  
Date of Project 6/17/19

\*\*\*\*\*

Bidder's Name: Lou DeSalvo Sargents Equipment & Repair Service, Inc  
Signature & Date: Lou DeSalvo 7/13/21



CITY OF AURORA, ILLINOIS  
INVITATION TO BID 21-35

**Purchase of One (1) Wheel Loader for the Water and Sewer Maintenance Division**

**BID PROPOSAL FORM**

**Bid Due Date & Time:** 2:00 p.m. CST, Wednesday, July 14, 2021

**To: City of Aurora  
City Clerk's Office  
44 E Downer Place  
Aurora, Illinois 60507**

The following offer is hereby made to the City of Aurora, Aurora, Illinois, hereafter called the Owner.

Submitted By: Sargents Equipment & Repair Service, Inc

- I. The undersigned Vendor proposes and agrees, after having examined the specifications, quantities and other Bid documents, to irrevocably offer to furnish the materials, equipment and services in compliance with all terms, conditions, specifications and amendments (if applicable) contained in the bid solicitation documents. The items in this Invitation to Bid, including, but not limited to, all required certificates, are fully incorporated herein as a material and necessary part of the Bid.
  - A. The Vendor shall also include with their bid any necessary literature, samples, etc., as required within the Invitation to Bid, Instruction to Bidders and specifications.
  - B. For purposes of this offer, the terms Offeror, Bidder, and Vendor are used interchangeably.
- II. In submitting this Offer, the Vendor acknowledges:
  - A. All bid documents have been examined: Instructions to Bidder, Specifications and the following addenda:

No. 1, No. \_\_\_\_\_, No. \_\_\_\_\_, (Vendor to acknowledge addenda here.)

*LD* 7/12/21

Bidder's Name: Lou DeSalvo Sargents Equipment & Repair Service, Inc

Signature & Date: \_\_\_\_\_

*Lou DeSalvo* 7/12/21

CITY OF AURORA, ILLINOIS  
INVITATION TO BID 21-35

**Purchase of One (1) Wheel Loader for the Water and Sewer Maintenance Division**

**BID PROPOSAL FORM**

I/We propose to furnish material and labor as specified in the attached Specifications to Bid at the following delivered price:

Complete Requirements for One (1) Wheel Loader for the Water and Sewer Division.

\$ 149,480.05

Complete delivery of unit must be received within 120 Days working days upon receipt of order.

All bid prices shall be shown as delivered Aurora Destination, Prepaid and Allowed. Do not add state, federal or local taxes. Municipalities are exempt. Exemption Certification Permit No. Illinois E9996-0842-07. No additional charges over base bid price will be accepted without written approval of the Purchasing Director.

The City of Aurora reserves the right at any time and for any reason to cancel this Invitation to Bid, to accept or reject any or all Bids or portion thereof, or accept an alternate bid. The City reserves the right to waive any immaterial defect in any bid, or technicality, informality or irregularity in the bids received, and to disregard all nonconforming or conditional bids or counter-proposals. Unless otherwise specified by the bidder or the City, the City reserves the right to hold the best bids for ninety (90) days from the opening date set forth above. The City may seek clarification from any bidder at any time and failure to respond promptly is cause for rejection. The City further reserves the right to award the bid to the lowest responsible Bidder whose offer best responds in quality, fitness and capacity to the requirements of the proposed work or usage and therefore is in the best interest of the City.

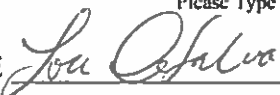
**SUBMITTED BY**

COMPANY Sargents Equipment & Repair Service, Inc

ADDRESS 155 Industrial Dr

CITY, STATE, ZIP Gilberts, IL 60136

PREPARER'S NAME Lou DeSalvo

AUTHORIZED SIGNATURE  SALES MANAGER  
Please Type Title

EMAIL Lou@sargentsequipment.com

PHONE # (847) 844-4131 FAX # (847) 844-4132 DATE 7/12/21



## City of Aurora, IL - Local Vendor Preference Application

The business identified below is requesting to be placed on the City of Aurora, Illinois Local Vendor Preference list, in accordance with ordinance O20-029 approved April 28, 2020.

- 1) Date Submitted: \_\_\_\_\_
- 2) Name of Business: \_\_\_\_\_
- 3) Address of Local Office: \_\_\_\_\_
- 4) City, State, Zip: \_\_\_\_\_
- 5) Company's Web Address: \_\_\_\_\_
- 6) Phone: \_\_\_\_\_ Fax: \_\_\_\_\_
- 7) County your Local Business is Located In: \_\_\_\_\_

Submitted By (Signature): \_\_\_\_\_

Print Name and Title: \_\_\_\_\_

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

### **Sec. 2-410.-Prequalification; local bidder.**

- (a) If an interested business would like to prequalify as a "local business", such a business shall complete and submit the prequalification application along with supporting documentation, as listed below, and the applicable fee as set by the City Council, to the Finance Department:
- a. Evidence that the business has established and maintained a physical presence in the City of Aurora, by virtue of the ownership or lease of all or a portion of a building for a period of not less than twelve (12) consecutive months prior to the submission of the prequalification application; and
  - b. Evidence demonstrating that the business is legally authorized to conduct business within the State of Illinois and the City of Aurora, and has a business registered to operate in the City if required; and
  - c. Evidence that the business is not a debtor to the City of Aurora. For purposes of this subparagraph, a debtor is defined as having outstanding fees, water bills, sales tax or restaurant/bar tax payments that are thirty (30) days or more past due, or has outstanding weed or nuisance abatements or liens, has failure to comply tickets or parking tickets that are not in dispute as to their validity and are not being challenged in court or other administrative processes.

***Back up documentation for (a) a. and (a) b. must accompany this submittal or application will be rejected.***

***Please note for (a) c. above the City of Aurora will verify internally that your company does not have any outstanding fees. Your company should make sure that to the best of its knowledge all bills are current.***

**Return completed application, with all required backup documentation to:**

**City of Aurora, Attn: Purchasing Division, 44 E. Downer Place, Aurora, IL 60507**

**Or email to: [PurchasingDL@aurora.il.us](mailto:PurchasingDL@aurora.il.us)**

**Do not write below this line: For City of Aurora use ONLY**

- (a) a.  
(a) b.  
(a) c.

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

Approved: \_\_\_\_\_

Letter Sent: \_\_\_\_\_

Denied: \_\_\_\_\_

Initials: \_\_\_\_\_

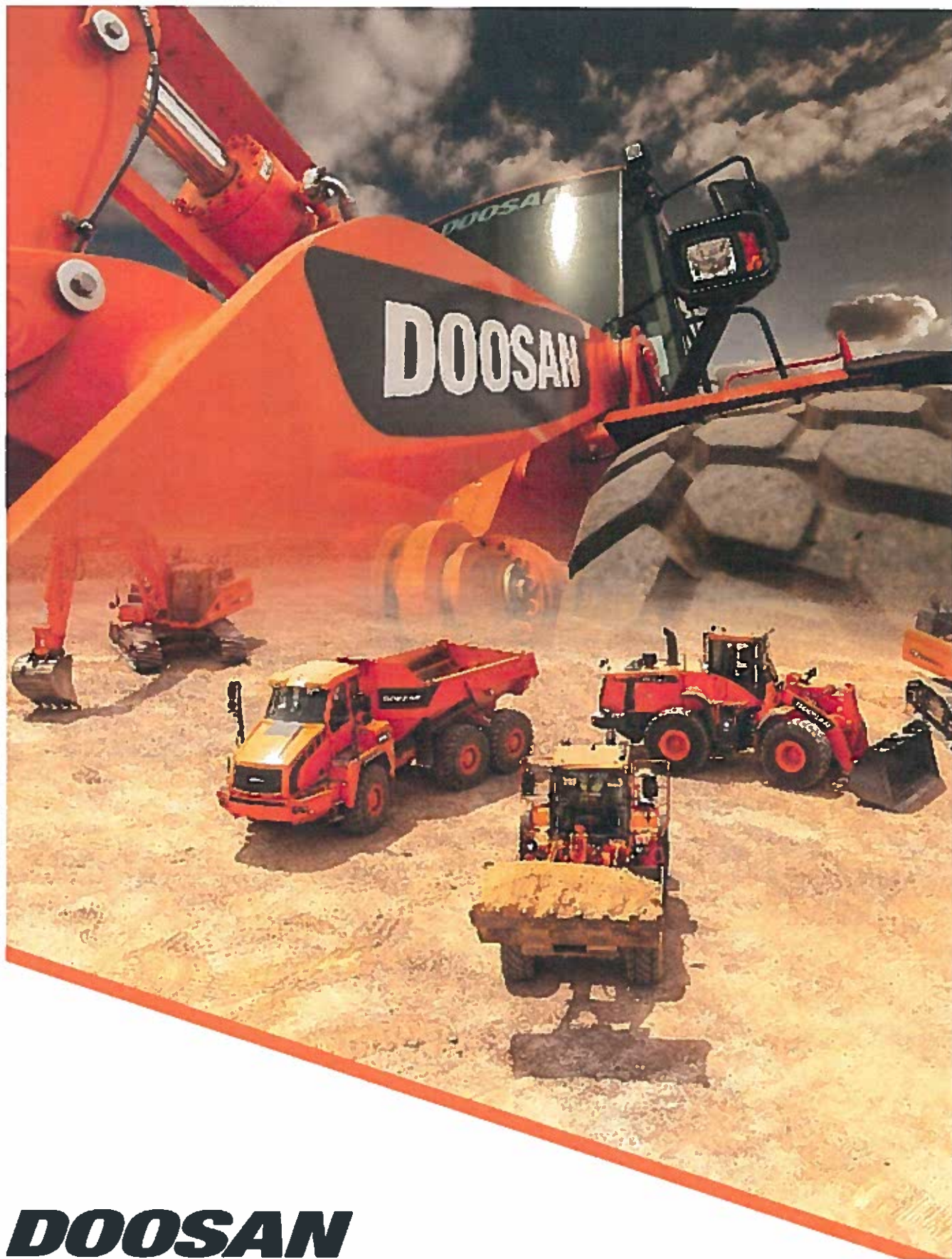
CITY OF AURORA, ILLINOIS  
INVITATION TO BID 21-35

**Purchase of One (1) Wheel Loader for the Water and Sewer Maintenance Division**

**BID SUBMITTAL CHECKLIST**

Each bid must be placed in an envelope, sealed, and clearly marked on the outside: "21-35 Purchase of One (1) Wheel Loader" In order to be considered responsive, the bidder must submit all of the following items in their sealed envelope:

- ✓ Bid Proposal Form (Appendix D)
- ✓ Bid Specifications (Appendix A)
- ✓ Bidder's Certification (Page 1)
- ✓ Bidder's Tax Certification (Page 2)
- ✓ Contact Information (Appendix B)
- ✓ Reference List (Appendix C)
- NA Local Preference Application (if applicable)



**DOOSAN**





## Doosan Infracore North America

### NEW DOOSAN PRODUCT STANDARD WARRANTY

Doosan Infracore North America (DINA) warrants the DOOSAN Hydraulic Excavator and Wheel Loader, hereinafter referred to as Machine to be free from defects in material and workmanship. If any part of the Machine fails as a result of a defect in material and/or workmanship within twelve (12) months or one thousand five hundred (1,500) hours, (whichever occurs first), from the first in service date as defined by DINA warranty registration records, the failed part will be replaced free of charge with labor (per DINA Labor Time Guide) by the nearest authorized DINA dealer during normal business hours at the place of business thereof.

This warranty does not apply to the following:

- (1) Damage or defects caused by accident, misuse, negligence, natural calamity or improper maintenance.
- (2) Damage or defects caused by using other than Doosan Infracore North America (DINA) genuine parts or installing attachments to equipment not authorized in writing by DINA.
- (3) Changes, alterations or modifications to equipment or any of its components/parts by other than DINA authorized dealers, which is the sole judgment of DINA, which affects the performance, stability or purpose for which it was manufactured.
- (4) Slight defects, which generally do not affect the stability or reliability of the machine.
- (5) Maintenance such as but not limited to engine cleaning, replacement of consumable parts, lubrication, brake adjustment, and other recommended maintenance procedures as defined in the Machine Operator and Maintenance Manual, etc.
- (6) Consumable articles, such as but not limited to oil, grease, fan belt, batteries, gaskets, fuses, brake or clutch lining, fuel filter, tires, cables, carbon brushes, bulbs, glass, and other similar parts.
- (7) Wear items such as but not limited to cutting edges, bucket teeth, undercarriage components and other ground engaging components except for breakage as a result of a defect in material or workmanship.
- (8) Transportation or towing, loading or unloading charges related to the failed Machine to or from the nearest location of the authorized DINA Dealer.
- (9) Cost of a rental or loaner equipment.
- (10) All Labor related to diagnostics of any defective part or component.
- (11) Freight charges incurred as a result of shipment of the replacement warranty part or component to the registered user of the machine.

This warranty is expressly in lieu of any other warranties, expressed or implied, including any warranty of merchantability or fitness for a particular purpose.

The liability of DINA under this warranty is expressly limited to the provisions specified above and in no event shall DINA incur any liability (including liability for general, special, incidental or consequential damages, economic or moral loss, arising out of any failure of Machine) which is not expressly assumed by DINA under this warranty. In all matters DINA's decision is final.

**Proposal #:** Q-00141326**Date:** 7/13/2021**Dealer Information:**

Sargent's Equipment and Repair  
Serv, GILBERTS, IL  
155 INDUSTRIAL DR  
GILBERTS, IL | 60136  
847-844-4131

**Bill To:**

City of Aurora  
44 E Downer Pl  
Aurora, IL | 60505-3302  
|

**Ship To:**

City of Aurora  
44 E Downer Pl  
Aurora, IL | 60505-3302  
|

Description	Qty:	Unit Price:	Total:
DL220-5-US10	1	\$172,342.78	\$172,342.78

**Optional Equipment List:**

110V PLUG HEATER  
ROTATING BEACON  
REAR VIEW CAMERA  
LED Head Lamp  
HYDRA. LOAD ISOLATION SYSTEM  
20.5R25,L3,Tri Radial  
TRIMBLE L3180 LOADRITE SCALE SYSTEM

**DL220-5-US10 subtotal:** **\$172,342.78**

Description	Qty:	Unit Price:	Total:
<b>GPBKT;100.4 IN; 3.0YD JRB QC; BOCE</b> <b>3 yd<sup>3</sup> General Purpose Bucket - 100.4" PN 7283213</b> <i>JRB Quick-Coupler Mounting Type</i> <i>Compatible with: DL220-5</i> <i>Sloped bottom design for maximum bucket filling</i> <i>and material retention</i> <i>Reinforced mounting plates for added durability</i> <i>Configured with bolt-on cutting edge</i>	1	\$9,161.33	\$9,161.33

**Optional Equipment List:**

**\$9,161.33**

Description	Qty:	Unit Price:	Total:
<b>QUICK COUPLER; DL220-5 JRB STYLE</b> <b>Quick Coupler, JRB Style PN 7283230</b> <i>Compatible with: DL220-5 &amp; JRB Style attachments.</i> <i>Includes: Installation Kit &amp; Hydraulic Hoses</i>	1	\$6,764.19	\$6,764.19



*(Requires existing machine hydraulics)*

*Four-point pickup system eases coupling/uncoupling on uneven terrain.*

*The load center shifted forward a maximum of 2 inches from the original pin-on position.*

*Adjustable stops allow adjustment of roll-back stops ensuring proper interface between the coupler and lift arms*

*Quickly change attachments without leaving the seat increasing productivity and versatility.*

**Optional Equipment List:**

**\$6,764.19**

Description	Qty:	Unit Price:	Total:
<b>PALLET FORKS - ISO QC; 60 IN. WIDE CARRIAGE; 60 IN. TINE LENGTH</b> <i>Pallet Fork, 60" Carriage PN 7252352</i> <i>ISO Style Mounting Type Mounting Type</i> <i>Includes: 60" forks</i> <i>Compatible with: DL200-3, DL200TC-3, DL220-3, DL250-3, DL250TC-3; DL280-5</i> <i>Lower top cross tube &amp; open frame design improves visibility</i> <i>Manual Fork adjustment for optimized width</i> <i>60" wide frame single, center support hanger improves strength</i> <i>Larger Fork mounting bar improves strength</i>	<b>1</b>	<b>\$8,167.45</b>	<b>\$8,167.45</b>
<b>FREIGHT TO AURORA, IL</b>			<b>\$800.00</b>
			<b>\$8,967.45</b>

**TOTAL ITEMS QUOTED:**

**\$197,235.75**

**APPLIED DISCOUNTS**

**(\$47,755.70)**

**TOTAL DELIVERED PRICE**

**\$149,480.05**





All prices subject to change without prior notice or obligation. This price quote supersedes all preceding price quotes. Customer must exercise their purchase option within 30 days from quote date.

**Customer Acceptance**

Purchase Order: \_\_\_\_\_

**Authorized Signature**

Print: \_\_\_\_\_ Sign: \_\_\_\_\_ Date: \_\_\_\_\_

<b>Standard Equipment for:</b>	<b>DL220-5-US10</b>
<b>Engine</b>	Doosan DL06: Turbo Charged, Air to Air Intercooled, T4F Electronically Controlled Common Rail Direct Injected 160 SAE Gross Flywheel Horsepower @ 2,100 RPM 360 cu.in., 6 Cylinder Air Cleaner: Dry Type (Double Stage) Engine Self Diagnostic System Plastic Reversible Fan Driven by Hydraulic Fan Motor Auto Idle Auto Shut Down
<b>Hydraulic System</b>	Variable Displacement Axial Piston Pump Closed-Center (LS) Hydraulic Systems with Variable Pumps, Pilot Control with Float Spool, 3 Spools 3rd Valve with Lines & Control (lines terminate at boom base) Automatic Boom / Lift - Kick-Out (Set and Adjust from inside the cab) Return-to-Dig Position (Adjustable Electro-Magnetic Switch outside cab) Accumulator for Emergency Pilot System
<b>Brake System</b>	Dual Pedal Braking system 4 Wheel Outboard Wet Disc Brakes with Separate Front & Rear Circuits Accumulator for Emergency Stopping Parking Brake: Spring Apply Hydraulic Release, sliding caliper disc brake on the face of the transmission
<b>Steering</b>	Load Sensing Type with a Flow Amplifier and a Priority Valve 40 Degree Articulation, Full Hydraulic Power Steering Steering Cylinder Cushion Valve Tilt and Telescopic Steering Wheel
<b>Cab with Rops</b>	Air Conditioner Heater & Defroster Double Filtered Air Cab Combination Lever Accelerator Pedal Transmission Lever Rear Hinged & Locking Doors (Both sides) / Right side is emergency access door Radio, AM-FM Stereo, MP3, with CD Switches: Transmission Shift Switch (Manual, Auto 1-4 and Auto 2-4) Economy Mode Switch (Power, Normal & Economy Modes) Headlight Switch Front Work Light Switch Rear Work Light Switch Rear Wiper Switch

Pilot Cutoff Switch  
Parking Brake Switch  
Transmission Cutoff Switch  
Mirror Heater Switch  
Reverse Fan Switch  
Display Screen Control Switch  
Display Screen Selector Switch  
Hazard Warning Light Switch  
Boom Kick Out Switch  
DESOX Switch

Rear View Mirrors with Heat  
Safety Glass, Tinted  
Fully Adjustable Air Suspension Seat  
Seat Belt (2 in. Wide)  
Sliding Door Windows (Left Side)  
Sound Suppression  
Sun Visor  
Windshield Wipers & Washers - Front and Rear  
Digital Clock  
Arm Rest  
12 Volt Power Supply  
Cup Holders  
Cigarette Lighter  
Sun Glass Holder

## **Transmission/Axles**

Full Automatic Power Shift  
4 Forward & 3 Reverse Speeds  
Self Adjusting Brake Disc Clearance  
Torque Converter, Fixed Wheel Stator  
Electrical T/M Clutch Disconnect with Service Brake  
T/M Down Shift on Shift Control and Joy Stick Control  
Transmission Oil Level Gauge

## **Electrical**

Alternator, 80 Amp., 24 Volt  
Batteries, (2) 12 Volt, 100 AH, 900 CCA  
Starter, 24 Volt 6 kw  
Horn  
Hour Meter  
Lights:  
    (2) Front Headlights with High / Low Beams  
    (2) Stop Lights, Tail Lights & Directional Indicators  
    (2) Front & Rear Floodlights  
Alarm Buzzer for:  
    Transmission Overheat  
    Engine Oil Pressure  
    Coolant Temperature  
Electronic Monitoring & Display for:  
    Fuel Level Gauge  
    Engine Coolant Temperature Gauge  
    Transmission Oil Temperature Gauge  
    Speedometer

Tachometer  
ECO Bar  
Transmission Actual Gear  
Transmission Gear Select  
Preheat Indicator Light  
Air Cleaner Clogging Warning Light  
Multi Function Gauge (can display one of the following at a time)  
    Trip Meter  
    Battery Voltage  
    Total Time of Operation  
Left Turn and Hazard Warning Light  
Right Turn and Hazard Warning Light  
High Beam Indicator Light  
Work Light Indicator Light  
Reverse Fan Indicator Light  
Mirror Heater Indicator Light  
Parking Brake Indicator Light  
F/R (Forward/Reverse) Selector Indicator Light  
Brake Fluid Pressure Warning Light  
Charge Warning Symbol  
Engine Oil Pressure Warning Symbol  
Transmission Warning Symbol  
Engine Warning Symbol  
Water in Fuel Warnings Symbol  
Back-Up Alarm

## **Tires**

Korean 20.5X25-16PR (L3) Bias

## **Other**

Single Lever Control with FNR Control Buttons  
Air Cleaner with Pre-cleaner  
Steel Engine Side Covers  
Boom / Float  
Drawbar and Pin  
Neutral Safety Start System  
Muffler  
Fenders, Front & Rear  
Ladders & Service Platforms  
Manuals, Parts & Operator's  
GPS with 3 Year Subscription  
Remote Drain Ports

***DOOSAN, a strong, stable and global company,  
has a heritage in equipment manufacturing that  
began in 1937.***

With strong, reliable dealers in 90 countries, Doosan is the fifth largest construction equipment manufacturer in the world. Doosan has been selling large equipment in North America for decades and we're proud to carry on the tradition.

That's all great, but what can we do for you? We deliver.

- Powerful, productive machines
- Incredible uptime
- Easy maintenance
- Factory-trained technicians

**DOOSAN**

