



City of Cartersville
P.O. Box 1390
1 North Erwin Street
Cartersville, GA 30120

DATE: September 17, 2021
TO: Equipment Dealers
Fleet Sales Personnel
FROM: Bill Trott, Garage Supervisor
RE: Equipment Bids

Enclosed is the bid request sheet along with the other documents for the vehicle that the **City of Cartersville Water Department** will be purchasing. If you have any questions on the equipment, please contact the individual listed on the top of the vehicle specifications page.

Bids must be submitted in the same format as the attached sheets, prices must be good for 60 days from date of bid deadline, and bidders must furnish specification sheets to support submitted bids. Bid prices must include all costs including delivery charges.

Deadline for submission of vehicle bids is Tuesday, September 28, 2021 at 10:00 A.M. EST at the City Manager's office 1 North Erwin Street, Cartersville, Georgia. ALL DOCUMENTATION INCLUDED IN THE BID PACKAGE MUST BE COMPLETED AND SUBMITTED WITH THE QUOTES TO BE CONSIDERED FOR AWARD

Send or deliver your bid in a sealed envelope marked with "**department, make, model, and year of equipment**" to my attention at:

City of Cartersville
P.O. Box 1390
Cartersville, GA 30120

The following documents have been included in this bid package and all of these documents should be included in your return bid to the City:

- 1) Vehicle Specifications
- 2) Non-Collusion Affidavit
- 3) Bidders Declaration
- 4) Certificate of Non-Discrimination
- 5) Drug-Free Work Place Certificate

The City reserves the right to reject any or all bids or to accept only that bid which the City deems is in their best interest.

City of Cartersville
Water Department
Sidney Forsyth 770-607-6234

AWD Backhoe Loader
Model Year; Currently available

Quantity: 1

Vehicle to be delivered to City of Cartersville Garage located at 500 S. Tennessee St,
Cartersville, GA 30120

Contact Bill Trott 770-387-5786 at the Garage to arrange delivery

Vendor Information:

The vehicle offered shall be comparable with detailed requirements listed below (unless otherwise noted). Bidders are to indicate in the "**Meets Specifications**" column if bid specifications are met and can provide additional comments if necessary. **If the Meets Specification column is not marked, or it is incomplete, your bid will not be considered for award.**

City of Cartersville reserves the right to reject any or all bids.

(all bid specifications are minium specifications)

Supporting Data:

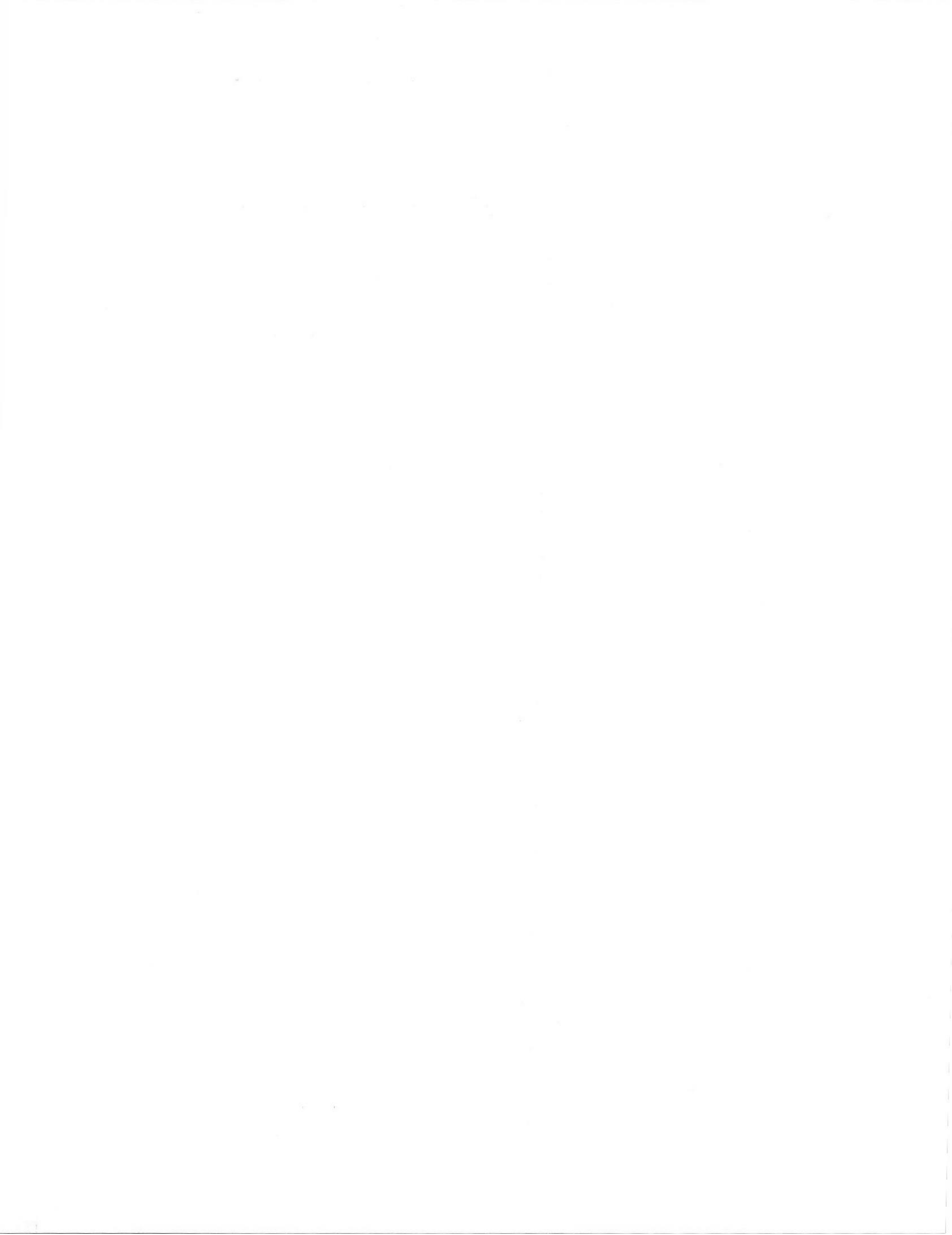
Bidders must furnish catalog pages, specification sheets, or similar data to support statements made in Meets Specifications Column. Failure to furnish required data may be considered as a cause for rejection of bid.

<i>AWD Backhoe Loader</i>	<u>Meets Specifications</u>		COMMENTS
	<u>YES</u>	<u>NO</u>	
ENGINE			
4 cyl turbo charged diesel designed and built by the manufacture			
Tier 4/EU stage IV emmissions without requiring the use of DPF or EGR aftertreatment components for increased up time			
engine displacement 4.5L			
103 HP @ 1600 RPM			
339 lb-ft net torque @1600 RPM			
Daily check points right side of engin from the ground			
serpentine accesery drive belt with auto tensioner			
under hood duel air cleaner W /restriction sensor and in cab warning light			
one- piece tilt hood			
under hood after treatment (DOC) with curved exhaust			
10-micron primary fuel filter with water separator			



COOLING			
coolant rated to -40 degrees			
oil to water engine oil cooler			
coolant recovery tank			
electronic controlled variable speed suction type fan with fan guard			
AC condenser will be swing out for fast radiator clean out			
remote mounted transmission and hydraulic coolers			
hydraulic circuit is to oil to air system			
transmission circuits will be water cooled for fast winter warm up			
POWERTRAIN			
Hydraulically actuated power shift			
Auto shift control			
torque converter with max speed of 24.9 mph			
Clutch free fully synchronized			
5 forward gears shifts between 2nd and 5th when auto shift is engaged			
3 reverse speeds			
sealed axle with no breather			
mechanical front wheel drive with traction control			
Limited slip differential with electric on/off control			
will disengage MFWD in 4th gear			
will engage MFWD when brakes are applied			
Axle sealed to protect against contamination			
driveshaft to be painted with factory installed full guard			
clutch engaged MFWD can be engaged on the fly			
Transmission isolation mounted to mainframe			
rear axle 100% hydraulically locking			
single electric transmission control lever will have gear selection fully intergrated in the lever as well as FNR (FNR power shuttle)			
Backhoe to have hydrostatic power steering with emergency manual mode			
to have dial throttle controls			

final drives to be heavy duty			
front axle to have remote grease bank			
axle bearingsto be self lubracating			
service brakes inboard type wet multiple diskself adjusting and sealed for long life			
parking brake to be independent of service brakes spring applied hydraulically released			
HYDRAULIC SYSTEM			
Cooler will have a overflow reservoir			
Fittings to have flat face oring seals			
Auto idel at low RPM when hydraulics are not active			
Dual Economy mode for backhoe and loader			
Filter to be spin on 4 or less micron			
Auto bucket return-to-dig controll standard			
Pump to be 42 GPM (159/min.)@2200 RPM @ 3,625 PSI (24,993 kPa) closed center pressure compensated load sensing (PSLS) axial piston driven			
ELECTRICAL			
12 volt system with 145 amp alternator			
(1) 12 volt 950cca battery with 175 min. rated reserve			
Optional duel battery 1900 CCA with disconect and jump posts ,350-min reserve capacity			
Blade type multi fused circuits			
Stater with bypass start safety cover			
Cab pre-wired for rotating becon and radio-ready			
10 halogen/working lights (4) front driving?working (4) rear (2) side docking , Front lights to be adjustable with bulbs no less than 32,500 candle power each			
(2) front and (2) rear turn signal/ flashing (2) rear stop and taillights with rear reflectors			
to be equipped with LED lights			



OPERATOR STATION			
Isolation mounted modular design ROPS/FOPS canopy and molded roof			
Access form right and left sides with protected wide rigid slip resistant steps and ergonomically located hand holds			
3" (76mm) safety belts with visual warning			
Coat hook built in beverage holder manual storage interior rear view mirror two 12volt power outlets			
Illuminated Digital electronic gauges for engine rpm,engine oil pressure,engine coolant,engine hours, system voltage, Fuel level and hydraulic oil temperature with audible warning for engine coolant temperature,oil temperature and fuel level			
Monitor to have both audible and visual warnings including engine air restriction,low voltage,engine oil pressure,hydraulic restriction and temperature,parking brake on- off, and low brake pressure			
Factory installed total machine onboard security system provided through the monitor to accommodate (10) operator codes			
Keyless start with fuel shut off and auto shut down setup in monitor			
Monitor with multi-language (English,French,Spanish) including diagnostic messages with fault codes calibrations and machine information			
To have a sealed switch module on the right side console with heavy duty switches			
foot throttle to be suspended			
Factory installed heating and air conditioning			
Factory installed Pilot Backhoe controls with integral pattern select			
Vinyl swivel seat with adjustable armrests and lumbar support (option cloth suspension seat)			



GENERAL SPECIFICATIONS			
Vandal protection to cover the instrument panel (canopy only). Engine hood, toolbox, hydraulic reservoir and fuel filler to be lockable.			
Tilt hood to have two(2) service positions			
Easy to read periodic maintenance and grease chart			
Fuel tank capacity 34 gallons (128.7L) lockable, DEF tank to be 3.6 gallons lockable both accessible from the ground			
Factory installed sampling valves			
Operating weight to be no more than 15,872 lbs. without optional equipment			
FRAMES AND STRUCTURES			
Mainframe to be one-piece unitized construction			
(4) built in tie downs (2) front (2) rear			
Side plate thickness on the loader boom, backhoe boom and mainframe to be 4.5 mils			
Lockable ground level storage compartment			
Replaceable bolt on rubber bumpers			
BACKHOE			
Dipperstick digging depth to be at least 14'3" (4.34m)			
Boom lift capacity ground level to be 3283lb (1489kg)			
SAE dig depth with extendable dipperstick extended no less than 18'2" (5.53m)			
Lift capacity at full height with standard dipperstick to be 7415lb (3364kg) with lift mode			
Swing lock pin to be stored in the operators station			
Stabilizers to have reversible pads			
Extendible dipperstick to extend no more than 3'6" (1.07m)			
Boom to be an power curved design, hourglass shape			

Digging force standard backhoe bucket cylinder to be at least 12,356lb (55.0kn)			
Backhoe to be equipped with an rubber bumper/linkage style boom locks			
(2) two lever mechanical (ISO) controls			
Pilot joystick controls			
The swing casting to have duel yokes;on top and on the bottom			
LOADER			
Lift capacity with 1.3 cu yd at full height to be at least 7390lbs (3352kg)			
Dump distance @45 deg. To be no less than 8'10" (2.7m)			
Digging depth below ground bucket level to be no less that 5.0" (128mm)			
Bucket breakout force to be no less that 10,541lb (46.9kn)			
Single greaseless bucket tilt cylinder and bucket level indicator			
Hydraulic self-leveling and bucket indicator			
Divergent loader arms			
loader arms to have curved knee design			
Loader control to be singel lever with electric clutch disconnect			
Single cylinder and linkages for tilt and curl on bucket			
non-removable hinged loader boom service lock			
Factory installed loader coupler that will fit CAT IT, older DEERE JRB or current DEERE attachments			

Total Unit Price _____

Anticipated number of weeks until delivery (after approval): _____

List additional options or other pertinent information.

BIDDERS DECLARATION

The bidder understands, agrees and warrants:

That the bidder has carefully read and fully understands the full scope of the specifications.

That the bidder has the capability to successfully undertake and complete the responsibilities and obligations in said specifications.

That the bidder has liability insurance and a declaration of insurance form is included in the bid package.

That this bid may be withdrawn by requesting such withdrawal in writing at any time prior to **September 28, 2021 @ 10:00am** but may not be withdrawn after such date and time.

That the City of Cartersville reserves the right to reject any or all bids and to accept that bid which will, in its opinion, best serve the public interest. The City of Cartersville reserves the right to waive any technicalities and formalities in the bidding.

That by submission of this bid the bidder acknowledges that the City of Cartersville has the right to make any inquiry or investigation it deems appropriate to substantiate or supplement information supplied by the bidder.

If a partnership, a general partner must sign.

If a corporation, the authorized corporate officer(s) must sign and the corporate seal must be affixed to this bid.

BIDDER:

Name Title

Name Title

AFFIX CORPORATE SEAL (If Applicable)

CERTIFICATE OF NON-DISCRIMINATION

In connection with the performance of work under this contract, the bidder agrees as follows:
The bidder agrees not to discriminate against any employee or applicant for employment because of race, creed, color, sex, national origin, ancestry or disability. The vendor shall take affirmative action to insure that employees are treated without regard to their race, creed, color, sex, national origin, ancestry or disability. Such action shall include, but not be limited to the following: employment, upgrading, demotion, transfer, recruiting or recruitment, advertising, lay-off or termination, rates of pay or other compensation and selection for training, including apprenticeship.

In the event of the bidder's non-compliance with this non-discrimination clause, the contract may be canceled or terminated by the City of Cartersville. The bidders may be declared, by the City of Cartersville, ineligible for further contracts with the City of Cartersville until satisfactory proof of intent to comply shall be made by the vendor.

The bidder agrees to include this non-discrimination clause in any sub-contracts connected with the performance of this agreement.

Bidder

Signature

Title



NON-COLLUSION AFFIDAVIT

The following affidavit is to accompany the bid:

STATE OF

COUNTY OF

Owner, Partner or Officer of Firm

Company Name, Address, City and State

Being of lawful age, being first duly sworn, on oath says that he/she is the agent authorized by the bidder to submit the attached bid. Affidavit further states as bidder, that they have not been a party to any collusion among bidders in restraint of competition by agreement to bid at a fixed price or to refrain from bidding; or with any office of the City of Cartersville or any of their employees as to quantity, quality or price in the prospective contract; or any discussion between bidders and any official of the City of Cartersville or any of their employees concerning exchange of money or other things of value for special consideration in submitting a sealed bid for:

Firm Name

Signature

Title

Subscribed and sworn to before me this ____ day of _____ 20__.

Notary Public

**CITY OF CARTERSVILLE
DRUG-FREE WORKPLACE CERTIFICATE**

By signature on this certificate, the Bidder certifies that the provisions of O.C.G.A. Section 50-24-1 through 50-24-6 related to the "Drug-Free Workplace Act" will be complied with in full.

The Bidder further certifies that:

1. A drug-free workplace will be provided for the Bidder's employees during the performance of the contract; and

2. Each contractor who hires a subcontractor to work in a drug-free workplace shall secure from that subcontractor the following written certification: "As part of the subcontracting agreement with (contractor's name), (subcontractor's name) certifies to the contractor that a drug-free workplace will be provided for the subcontractor's employees during the performance of this contract pursuant to O.C.G.A.

Section 50-24-3(b)(7)."

By signature on this certificate, the Bidder further certifies that it will not engage in the unlawful manufacture, sale, distribution, dispensation, possession, or use of a controlled substance or marijuana during the performance of the contract.

Bidder

Authorized Signature

Printed Name

Title

Date

