

**CHATHAM COUNTY PURCHASING & CONTRACTING DEPARTMENT**

**ADDENDUM NO. 1 TO BID NO. 21-0050-6**

**FOR: PURCHASE OF NEW DUMP TRUCKS FOR CHATHAM COUNTY FLEET**

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**PLEASE SEE THE FOLLOWING FOR ADDITIONS, CLARIFICATIONS AND/OR CHAGES:**

1. **CHANGE:** REVISED Chassis Specifications for section 4.2 is attached. All bidders must use the revised specification sheet for sections 4.2.1 through section 4.2.59. (5 pages)
2. **CHANGE:** VOID section 4.3.74 due to duplicate line item.
3. **CHANGE:** REVISED Bid Sheet is attached. All bidders must use the revised bid sheet. (3 page)


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**THE BID DUE DATE REMAINS 2:00PM, APRIL 23, 2021**

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**THE BIDDER IS RESPONSIBLE FOR MAKING THE NECESSARY CHANGES AND MUST ACKNOWLEDGE RECEIPT OF ADDENDUM.**

4/16/21  
DATE

  
MARGARET H. JOYNER, PURCHASING DIRECTOR  
CHATHAM COUNTY, GEORGIA

# REVISED SPECIFICATIONS

**BID NO.21-0050-6**

## **PURCHASE OF NEW DUMP TRUCKS FOR CHATHAM COUNTY FLEET**

### **4.2 DETAILED SPECIFICATIONS FOR NEW DUMP TRUCK:**

If meeting or exceeding specifications check **YES**, and if exceptions are taken check **NO**. Any exceptions must be detailed on a separate itemized sheet with bid. Specifications associated with exceptions must also be submitted to include pictured literature and the manufacturer specifications.

### ***THE FOLLOWING ARE MINIMUM SPECIFICATIONS THAT WILL BE REQUIRED***

	<b>CHASSIS SPECIFICATIONS:</b>	<b>YES</b>	<b>NO</b>
4.2.1	Regular conventional cab with 30/70 front seat, driver's seat air ride suspension, passenger (2) person non suspension. Vinyl.		
4.2.2	Multi-piece hood allowing fenders to be replaced, independent of hood		
4.2.3	Top of cowl at the base of the windshield, shall be fitted with a removable cover, so as not to interfere with a removable cover, so as not to interfere with windshield wipers, and keep debris from accumulating in the cowl tray		
4.2.4	Electrical wipers with intermittent speeds and washer, wipers shall automatically go to slowest intermittent speed when the parking brake is set and wipers left on for a predetermined time.		
4.2.5	Full instrumentation to include tachometer, speedometer, oil pressure, coolant temperature, voltmeter, fuel gauge, and dual air pressure gauges.		
4.2.6	Bright white, backlit cab switches shall be laser etched for long life readability, with "text" on top, and ISO symbol on bottom of switch. The color of the integrated warning lights on the switches shall be programmable as; Green for "ON", Slow Flash "Yellow" to indicate an interlock has not been met, and flash "RED" to indicate system failure		
4.2.7	Vehicle shall be equipped with Manual reset circuit breakers on all circuits over 5 AMPS where possible, except headlight and wiper motor circuits, which shall be protected using continuous reset circuit breakers to allow continued operation during momentary overload for trouble shooting convenience and circuit protection		
4.2.8	Electrical Fuse/Circuit Breaker Panel (NO TOOLS NEEDED FOR ACCESS) shall be located inside the cab to prevent exposure to corrosive elements.		
4.2.9	The vehicle shall have an exterior light test system to aid driver with Pre-trip inspections. Engaging light inspections switch will sequentially flash all exterior vehicle lights, except back up lights while operator completes safety inspection.		

	<b>CHASSIS SPECIFICATIONS:</b>	<b>YES</b>	<b>NO</b>
4.2.10	Dual Aero pedestal type mirrors 6.5" x 14" flat glass including 6.5" x 6" convex both sides for 102" load width, breakaway type, power both sides, heated, with convex both sides, hood mounted convex mirrors, left and right side, 7.5" sq.		
4.2.11	Air conditioning and heater with HVAC fresh air filter		
4.2.12	HVAC controls will have a MAX Defrost Mode. When activated, the blower settings will go to full hot maximum quick defrost allowing operator to get vehicle on the road quickly.		
4.2.13	AM/FM/Weatherband/Bluetooth/USB Input/3MM Auxiliary Input/with multiple speakers stereo		
4.2.14	Radio controls on steering wheel must be bright white, backlight Audio control switches for speaker volume/mute control/Bluetooth radio shall be incorporated into the steering wheel, allowing driver to easily answer and end phone calls		
4.2.15	Cruise control switches on steering wheel shall be mounted on the steering wheel, similar to automotive designs to keep driver's eyes on the road, and hands on the wheel		
4.2.16	Fuel tank top draw, aluminum, 120 gallons, mounted left side under cab		
4.2.17	DEF TANK 9.5 US Gal (36L) capacity, Frame Mounted Outside Left Rail, Under Cab		
4.2.18	STEERING system shall include dual power gears, to provide maximum torque to steering arms. A single gear and slave cylinder is not acceptable with tilt and telescoping 2-SPOKE 18" steering wheel		
4.2.19	ENGINE, DIESEL, Cummins 19 360 360 HP @2000 RPM, 1150 lb.-ft. torque @ 1200 RPM. EPA 2021 With 3 stage jake brake. Chassis brake lights will be turned on when the engine compression brake, exhaust brake or retarder is activated, to alert following drivers that the vehicle is slowing down		
4.2.20	EXTERNAL ENGINE REGEN WARNING: to alert work crews outside of cab that an engine regeneration is required, a warning system shall be installed that causes the low beam headlights to flash and sound the electric horn in addition to the dash warnings. Warning system shall be interlocked to operate only when the parking brake is on.		
4.2.21	EXHAUST: frame mounted vertical exhaust stack required to minimize noise and vibration from being transferred to the cab structure. Cab Mounted Exhaust will not be accepted.		
4.2.22	Transmission AUTOMATIC, Allison 3000 RDS 6 speed, close ratio with double overdrive with PTO, includes oil level sensor. Allison transmission electronic control module shall be relocated to inside the cab and up off the floor to minimize exposure to corrosive elements.		

	<b>CHASSIS SPECIFICATIONS:</b>	<b>YES</b>	<b>NO</b>
4.2.23	Transmission must have synthetic oil.		
4.2.24	Transmission shift controls shall be a stalk type mounted on the right side of the steering column for use with Allison 3000. The multi-mode design of the shift stalk will allow control of all transmission, and engine brake functions if so equipped, including gear selection, engine brake mode, and manual gear selection. NO FLOOR mounted shift tower or instrument panel must be kept clear for body mounted equipment controls.		
4.2.25	Brakes: air brakes with automatic slack adjusters, AD-9 or equal air dryer. 18.7 CFM air compressor. Vehicle shall be equipped with an alarm system to warn the operator when leaving the vehicle the park brake has not been set, The parking brake alarm will sound the electric horn in a repetitive manner when vehicle's park brake is "NOT" set, with ignition "OFF" and door is open.		
4.2.26	Slack adjusters front and rear (automatic)		
4.2.27	Rear service and parking brake chambers shall be of a sealed type with electrostatic coated head for improved corrosion protection. Bendix "Endurance-Pro" is preferred		
4.2.28	ELECTRICAL SYSTEM 12-volt 160-amp alternator with remote voltage sensor capability to monitor battery charge and adjust alternator output accordingly, (2) 12-volt batteries 1850 CCA with jump start stud and disconnect switch in the cab with lockable provision, battery terminals are to be sealed to protect against corrosive elements		
4.2.29	Daytime running lights will be provided to enhance visibility of the vehicle to oncoming traffic		
4.2.30	Headlights (low beam) and the tail lights will automatically turn on with activation of the windshield wiper switch, to provide increased visibility during inclement weather		
4.2.31	LED front turn signals and cab marker lights required for longevity		
4.2.32	Additional front dual facing (front and back) L.E.D. turn signal lights shall be mounted on the top of the front fender for improved vehicle visibility at night or during inclement weather. (Amber/Amber or Amber/Red)		
4.2.33	FRAME: 120,000 Psi yield strength, with frame reinforcement outer "C" channel, integrated tow loop, swept back front bumper with swing type front license plate, shall be a continuous straight structural channel to simplify frame straightening in the event of a front end collision, a Splayed Front frame rail shall not be acceptable		
4.2.34	FRAME rails shall be treated with phosphate free Tectalis 1800 pretreatment followed by a two stage electrostatically applied corrosion resistant primer coating and a top powder coating to minimize corrosion		

	<b>CHASSIS SPECIFICATIONS:</b>	<b>YES</b>	<b>NO</b>
4.2.35	FRAME: frame assembly shall be huck bolted in lieu of threaded bolts where possible, to minimize frame bolt re-torque service		
4.2.36	FRONT AXLE 18,000 LBS CAPACITY WITH parabolic taper leaf suspension with shock absorbers, wide track front axle with king pin centers greater than 71" shall be provided for improved turn angle and maneuverability		
4.2.37	Auxiliary front rubber springs required for greater stability with high center of gravity loads and prevent spring damage in the event of temporary overload conditions		
4.2.38	REAR AXLE 46,000 lbs. capacity, driver controlled locking differential in forward and rear axles, with 46,000 lbs. Hendrickson HMX suspension with 54" spacing		
4.2.39	Driver controlled locking main differential. The rear axle must be equipped with a safety feature, which shall automatically disengage the locking differential at a speed of approximately 20 MPH		
4.2.40	CAB regular with rear suspension air ride, power windows and locks, includes express down feature. WHITE IN COLOR, headlights (low beam) and tail lights will automatically turn on with the activation of the windshield wiper switch, to provide increased visibility during inclement weather		
4.2.41	The cab doors will automatically lock when the vehicle speed exceeds 15 MPH for added operator protection		
4.2.42	Cab shall be equipped with overhead storage console pockets on both driver and passenger sides with retainer nets or doors to secure them		
4.2.43	High visibility (YELLOW) grab handles will be mounted inside cab to aid in cab entry/ egress during nighttime or limited visibility operation		
4.2.44	Air ride cab suspension required to isolate cab and operators from harsh road conditions		
4.2.45	Cab and chassis electrical and air lines shall be color coded and continually numbered so technicians can easily identify and troubleshoot as necessary		
4.2.46	The seat belt webbing at each crew member location shall be a highly visible bright orange or red in color		
4.2.47	Interior cab height from highest position on cab floor to roof interior shall measure not less than 52"		
4.2.48	Width of CAB interior shall measure not less than 72" at hip level to provide adequate room for 3-rnan seating		

	<b>CHASSIS SPECIFICATIONS:</b>	<b>YES</b>	<b>NO</b>
4.2.49	CAB height from Floor to roof measured at the "B" pillar shall be a minimum of 56" to ensure adequate head room, and air suspension seat travel for a variety of drivers		
4.2.50	All pedals including throttle, clutch, and brake shall be suspended rather than floor mounted to reduce the potential for material or loose items gathering underneath the pedal that may impede its operation, and to minimize corrosion penetration in the cab floor		
4.2.51	Measurement from the center of fuel pedal to back of cab wall shall be not less than 46.5 inches, to provide comfortable leg room		
4.2.52	One piece windshield with a surface area of not less than 1900 sq. inches, required for improved jobsite visibility		
4.2.53	Windshield wiper swept surface area shall be not less than 1000 sq. in for optimum visibility during inclement weather		
4.2.54	In dash low windshield washer fluid indicator required for driver convenience during frequent operation in inclement weather		
4.2.55	<b>WHEELS, RIMS AND TIRES:</b> wheels steel disc 22.5 x 12.25 rims, 10stud hub-piloted rear dual disc. 22.5 x 8.25 10 stud hub-piloted front tire (2) 385/65R22.5 20 ply with highway tread rear tire (8) 11R22.5 traction lug 16 ply		
4.2.56	Sunshade exterior painted cab color to include L.E.D. Integral clearance/Marker lights for improved vehicle visibility at night or during inclement weather.		
4.2.57	Extended Warranty: AC/HEATER SYSTEM 60 MONTH/200,000 MILE COMPLETE COVERAGE		
4.2.58	Extended Warranty: ENGINE 60 MONTH/200,000 COMPLETE ENGINE WARRANTY		
4.2.59	Extended Warranty: AFTERTREATMENT 60 MONTH/200,000 COMPLETE COVERAGE		

# REVISED BID SHEET

BID NO.21-0050-6

## PURCHASE OF NEW DUMP TRUCKS FOR CHATHAM COUNTY FLEET

TABLE A.

ITEM NO	DESCRIPTION	MANUFACTURER'S NAME & MODEL NO	QTY	UNIT PRICE	TOTAL PRICE
1	<b>DUMP TRUCK</b> (per sect. 4.2 specifications)		1 EA		
2	<b>EXTENDED WARRANTY:</b> AC/HEATER SYSTEM 60 MONTH/200,000 MILE COMPLETE COVERAGE (optional)		1 EA		
3	<b>EXTENDED WARRANTY:</b> ENGINE 60 MONTH/200,000 COMPLETE ENGINE WARRANTY (optional)		1 EA		
4	<b>EXTENDED WARRANTY:</b> AFTERTREATMENT 60 MONTH/200,000 COMPLETE COVERAGE (optional)		1 EA		

**TIME REQUIRED FOR DELIVERY AFTER RECEIPT OF ORDER \_\_\_\_\_/DAYS**  
(Award may be contingent on delivery)

**TABLE A. TOTAL (Item No. 1-4) \$ \_\_\_\_\_**

TABLE B.

ITEM NO	DESCRIPTION	MANUFACTURER'S NAME & MODEL NO	QTY	UNIT PRICE	TOTAL PRICE
6	<b>CREW CAB FLATBED DUMP TRUCK</b> (per sect. 4.3 specifications)		1 EA		

7	<b>EXTENDED WARRANTY:</b> AC/HEATER SYSTEM 60 MONTH/200,000 MILE COMPLETE COVERAGE (optional)		1 EA		
8	<b>EXTENDED WARRANTY:</b> ENGINE 60 MONTH/200,000 COMPLETE ENGINE WARRANTY (optional)		1 EA		
9	<b>EXTENDED WARRANTY:</b> AFTERTREATMENT 60 MONTH/200,000 COMPLETE COVERAGE (optional)		1 EA		

**TIME REQUIRED FOR DELIVERY AFTER RECEIPT OF ORDER \_\_\_\_\_/DAYS**  
(Award may be contingent on delivery)

**TABLE B. TOTAL (Item No. 6-9) \$ \_\_\_\_\_**

**TOTAL BID (Item No. 1-9) \$ \_\_\_\_\_**

Vendor Name: \_\_\_\_\_

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

City, State, Zip: \_\_\_\_\_

Phone number: \_\_\_\_\_ Fax: \_\_\_\_\_

Printed Name/Title: \_\_\_\_\_

Signature: \_\_\_\_\_