

CITY OF CUMMING, GEORGIA

2026 CRANE SERVICE TRUCK SPECIFICATION

1. PURPOSE

The City of Cumming is requesting bids for one (1) fully equipped 2026 crane service truck built to match the following specifications. The unit shall be complete, installed, tested, and ready for municipal service operations upon delivery.

2. CHASSIS

The service body and equipment shall be installed on a:

- 2026 Ford F-600 chassis (or approved equal)
 - 4x4 configuration
 - Regular Cab
 - 84" Cab-to-Axle (CA)
 - Diesel engine
 - Automatic transmission
 - Single fuel tank
 - No factory backup camera (camera to be relocated if equipped with monitor)
 - Minimum GVWR: 19,500 lbs.
 - Center arm rest required
-

3. SERVICE BODY

Maintainer Model: 85624-1-84-L or approved equal

Standard Features:

- 10" tall subframe
- 56" tall galvanized steel compartments
- Reinforced compartment floors with clean-out drains
- 3/16" aluminum compartment doors
- Automotive door seals

- Three-point D-ring door latches
- Gas spring door holders
- 12-gauge compartment tops and backs
- 44" x 21" wheel well openings with skirting
- Front bulkhead
- Safety yellow grab handles

Modifications:

- Two (2) feet additional compartment height
 - Crane reinforcement (short tower, rated up to 52,500 ft-lbs)
 - Crane mounted curb side
-

4. CHASSIS EQUIPMENT & ACCESSORIES

- Dual speed engine control (requires PTO)
 - Suspension leveling package (single side spring/spacer)
 - Backup alarm (97 dB at 1 meter)
 - Backup camera relocated to rear of body
 - Recessed fuel fill in side rail
 - 2.5 lb ABC fire extinguisher and hazard reflectors
-

5. HYDRAULIC SYSTEM

- Open center hydraulic system
- PTO for automatic transmission
- Tandem hydraulic pump (1.77 and 1.55 displacement)
- 28-gallon hydraulic oil reservoir (composite tank)

Hydraulic Oil Requirements:

- Startup: -25°F
 - Operating range: 9°F to 187°F
-

6. CRANE

Maintainer Model 85624 Hydraulic Crane or approved equal:

- Maximum capacity: 8,500 lbs. (2-part line)
- 5,000 lbs. single-part line
- 52,500 ft-lb rating
- Hydraulic extend hex boom: 11' to 24'

Crane Features:

- Planetary winch
- Anti-two-block (A2B) system
- Overload protection system
- Holding valves
- Two (2) LED boom tip flood lights (2,000 lumens each)
- Wireless pistol grip remote (proportional control)
- Charging dock with sensor and indicator
- External antenna and backup cable
- Load block (no live swivel)
- Hour meter
- Engine start/stop from remote
- ACC 2.1 system (load display, capacity limiting, stability monitoring)

Installation:

- Crane installed with boom saddle
- Stability test completed
- Initial annual inspection included
- Crane painted white

7. OUTRIGGERS

- Two (2) hydraulic rear outriggers
- 22" vertical stroke
- Hydraulic horizontal extension (48" on crane side)
- Cylinders and hoses enclosed in steel tube

- Permanent welded pads (12" x 12")
-

8. AIR COMPRESSOR SYSTEM

Vanair Reliant RC40 (or approved equal):

- Hydraulic-driven reciprocating compressor
- 40 CFM @ 100 PSI
- 40 CFM @ 150 PSI
- Integral hydraulic oil cooler
- Cold weather package

Accessories:

- 200 PSI air tank with moisture drain
 - 1/2" x 50' spring rewind hose reel
 - Filter, regulator, and lubricator (FRL)
 - Rear compartment mounted reel
 - Fiber access box
-

9. COMPARTMENT EQUIPMENT

- Full-length Universal Rail System (URS)
 - URS mounting brackets
 - Pressurized Storage System (dual blowers with filters)
 - MasterLock compartment locking system
-

10. COMPARTMENT CONFIGURATION

Street Side:

- Vertical Compartment #1 (56" x 24" x 23")
 - LED light
 - Adjustable shelf
 - 5-drawer DuaLock system (300 lb. capacity per drawer)
- Vertical Compartment #2 (56" x 35" x 23")

- LED light
- 7-drawer DualLock system
- Overwheel Compartment (31" x 44" x 23")
 - LED light
 - Adjustable shelf
- Rear Vertical Compartment (52" x 30" x 23")
 - LED light
 - Two adjustable shelves

Curb Side:

- Vertical Compartment #1 (62" x 24" x 23")
 - LED light
 - Oxy/acetylene bottle storage with venting and restraints
- Vertical Compartment #2 (56" x 35" x 23")
 - LED light
 - Adjustable shelving
 - Lube system components
- Overwheel Compartment (31" x 44" x 23")
 - LED light
 - Adjustable shelf
- Rear Vertical Compartment (52" x 30" x 23")
 - LED light
 - Adjustable shelf
- Body switch panel location

11. ELECTRICAL & LIGHTING

- CAN-based crane electrical system with 4.3" display
- FMVSS 108 LED lighting package
- Six (6) LED flood lights (2,400 lumens each)
- LED compartment lighting

- Amber LED strobe lights
-

12. CENTER DECK

- 1/8" steel cargo floor
 - Hinged aluminum tailgate (10" height above deck)
 - 24" removable divider
 - Six (6) flush-mounted D-ring tie downs
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13. LUBE / WATER SYSTEM

- 50-gallon aluminum tank
- Filtered fill cap, sight gauge, suction screen, shutoff valve

High-Pressure Washer:

- 3,000 PSI @ 4 GPM
 - Low-level shutoff and indicator
 - Drain and air purge system
 - 3/8" x 50' spring rewind water reel
-

14. REAR BUMPER & ACCESSORIES

- 26" steel workbench bumper
 - Recessed step (curb side)
 - Safety yellow grab handles
 - Integrated storage compartment
 - LED work light
 - Transverse bar storage
 - Vise/grinder mounting plate
 - Class IV hitch (10,000 lb. capacity)
 - 7-way trailer plug
 - Amber LED strobe lights
-

15. PAINT & PROTECTION

- Ford Oxford White paint
- Urethane finish
- Primer and undercoating

Protective spray coating applied to:

- Compartments
 - Deck and cargo area
 - Bumper surfaces
 - Outrigger components
 - Wheel wells
-

16. MISCELLANEOUS

- Install customer-supplied mud flaps
 - Provide parts and service manuals (digital and printed)
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17. DELIVERY

- Unit shall be delivered fully assembled
 - All systems tested and operational
 - Crane inspection certification provided
-

18. APPROVED EQUAL

Equivalent equipment may be submitted but must meet or exceed all specifications listed herein. The City of Cumming reserves the right to determine equivalency.

END OF SPECIFICATION

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19. CHASSIS WINDOW STICKER / OEM OPTIONS

The chassis shall include all standard and optional equipment as listed on the manufacturer's window sticker for the 2026 Ford F-600 4x4, including but not limited to the following:

Vehicle Description:

- 2026 Ford F-600 4x4 Chassis
 - 6.7L Power Stroke V8 Diesel Engine
 - 10-Speed Automatic TorqShift Transmission
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Factory Exterior / Safety Equipment:

- Autolamp headlamps
 - AdvanceTrac® with RSC®
 - Airbags with safety canopy system
 - Belt-Minder® warning system
 - Heated power mirrors with turn signals
 - Roof clearance lights
 - Tow hooks
 - Trailer sway control
 - SOS post-crash alert system
 - Trailer tow wiring harness
 - Tire pressure monitoring system
 - Intermittent windshield wipers
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Factory Interior Equipment:

- 4.2" instrument cluster display
 - Manual air conditioning
 - Black vinyl floor covering
 - Outside temperature display
 - Power windows and door locks
 - Tilt/telescoping steering column with cruise and audio controls
 - Upfitter switches
 - 40/20/40 seating (Medium Dark Slate Vinyl)
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Functional / Technology Equipment:

- 4-wheel anti-lock braking system (ABS)
- 5G modem with FordPass™ connectivity
- Hill start assist
- Remote keyless entry

- Stabilizer bars (front and rear)
 - SYNC® 4 with 8" screen
 - Vehicle Integration System 2.0
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Factory Options & Packages:

- Preferred Equipment Package 680A (XL Trim)
 - 6.7L Power Stroke Diesel Engine
 - 10-Speed Automatic Transmission
 - 4.30 Ratio Limited Slip Axle
 - 22,000 lb. GVWR Package
 - 245/70R19.5G traction tires
 - Dual batteries
 - 350-amp alternator
 - Engine block heater
 - Skid plates
 - Platform running boards
 - Front license plate bracket
 - 120V / 400W power outlet
 - Trailer brake controller
 - Rear view camera prep kit
 - 50-state emissions
 - 40-gallon fuel tank
 - Remote start system
 - Fog lamps
 - XL Chrome Package
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Colors:

- Exterior: Oxford White
- Interior: Medium Dark Slate Vinyl

Warranty (Factory):

- 3-Year / 36,000-mile bumper-to-bumper
- 5-Year / 60,000-mile powertrain
- 5-Year / 60,000-mile roadside assistance
- 5-Year / 100,000-mile diesel engine coverage

END OF SPECIFICATION