



GARDEN CITY

— KANSAS —

SPECIFICATIONS RFP

2026 Class 6 Hook Lift Truck

Street Department

Matt Allen, City Manager

Mike Muirhead, Director of Public Works & Utilities

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2026 or New
Class 6 Hook Lift Truck Specification
Street Department, City of Garden City, Kansas

INSTRUCTIONS TO BIDDERS

1. Bids shall be emailed to City of Garden City, Public Works, Street Department no later than 30 min before review time of 10:00 a.m. 3/31/26. Subject title of email – “Class 6 Hook Lift RFP”. Submit the bid as an attachment to the email and all supporting documents. Email bids to casey.howard@gardencityks.us
2. Bids will be reviewed publicly by the City Manager or his official representative. At Street Department office located at 105 S 10th St. Garden City, KS 67846. All bids must be submitted 30 minutes prior to the bid review time to qualify.
3. After the bids are opened for review publicly. Generally, a decision as to which bid that best meets the needs will be made and presented to the city commission for approval for purchase.
4. The City of Garden City reserves the right to reject any and all bids.
5. A responsible officer or employee of the company must sign all bids. Obligations assumed by such signature must be fulfilled.
6. Time of delivery is a part of the consideration and must be stated.
7. The successful bidder shall be responsible for the delivery of the equipment to the City of Garden City. This includes delivering chassis to a successful upfit bidder for the installation of a upfits as well as picking up the unit from the upfit bidder for final processing.
8. The City is exempt from applicable state and local tax, unless otherwise stated on the bid quotation form.
9. All bids are to be F.O.B. Garden City, Kansas, unless otherwise stated.
10. All bids must meet the MINIMUM SPECIFICATIONS. Any bid which fails to do so will be subject to rejection.
11. Please resolve any questions which you may have regarding the Minimum Specifications, bid requirements, etc. before the bid opening. Direct questions to the Public Works / Street office at (620) 276-1260 or email at casey.howard@gardencityks.us
12. If a bidder is not able to meet an item as specified and he elects to delete it or substitute with another item, it must be clearly set forth in the bid, along with the itemized cost of each such change. The exception must be designated as such by marking "EXC." before the cost. An explanation of the exception should also be given on an attached sheet with the bid.
13. The successful bidder must furnish at the time of delivery, a copy of the factory invoice listing required accessories and will furnish at time of delivery a certificate attesting that all specifications are included in or on the delivered unit as bid. Said certificate form will be furnished to the City prior to delivery of the unit.
14. Any item which is set forth in the itemized specifications that is standard equipment on the unit and included in the unit base price should be indicated as such by marking "standard or "N/C" -- no charge.

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Conditions:

1. Unit requested under these specifications shall be an unused standard production model of the latest design in current production, priced delivered, installed, and set-up ready for service to the City of Garden City, Kansas. The completed unit must be certified by the vendor to meet all applicable Federal and State requirements including, but not limited to, ANSI, OSHA, and DOT. Date of delivery of the specified model will be considered in determining the best bidder.
2. Materials shall be of good commercial quality for the intended service and shall be produced by use of current manufacturing processes. Material shall be treated to resist rust, corrosion and wear. The design of the mechanical members shall be such that the stress imposed through normal shock loads at maximum torque shall not cause rupture or permanent deformation or undue wear on any member.
3. The bidder shall satisfy the purchasing official that they maintain a store or branch staffed with qualified servicemen and with provisions for securing parts from the manufacturer within a reasonable length of time.
4. Bidders must submit with their bid the latest printed specifications and advertising literature on the unit they propose to furnish. Bidder shall supply one (1) parts book, one (1) service and repair manual with successful bid. Bidder agrees to conduct a training course for City operators if needed.
5. The bidder shall be responsible for pick up and return of vehicle to the City of Garden City, Kansas Fleet Maintenance Shop for all warranty repairs.
6. The bidder shall list on a separate sheet of paper any variations from, or exceptions to, the conditions and specifications of this bid. This sheet is labeled "Exception(s) to Bid Conditions and Specifications," and shall be attached to the BID.
7. Awards will be made to the best lowest responsible bidder. The quality of the articles to be supplied, their conformity with the specifications, their suitability to requirements, delivery terms and guarantee clauses shall all be taken into consideration.
8. Notwithstanding any reference in the specifications to any article, device, product or material by name or make, such references shall be interpreted as establishing a standard of quality and shall not be construed as limiting competition; and the bidder may at his option, quote equipment which is considered equal to that specified.
9. The purchaser reserves the right to reject any or all bids, to waive any informality to bids, to accept in whole or in part such bid or bids as may be deemed in the best interest of the purchaser.
- 10. Delivery of vehicle by delivery date specified on Bid Quotation Form is a material condition of bid. Failure to deliver vehicle by delivery date stated on Bid Quotation Form shall result in liquidated damages of .1 percent per day after deliver date until delivery of the vehicle. The liquidated damages will be withheld from final payment to bidder. As an additional or alternative remedy if bidder is not able to meet the delivery date and the delivery date is more than 30 days past the original delivery date stated on Bid Quotation Form, the City of Garden City shall have the option to rescind acceptance of this bid and any purchase contract.**

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1. Chassis Specifications

The chassis must be configured to handle the high center of gravity and shifting loads typical of hook lifts.

Feature	Specification
Model	Ford F-600 Chassis Cab (4x4 or 4x2) or equivalent
GVWR	22,000 lbs (Class 6)
Engine	6.7L Power Stroke® V8 Turbo Diesel (330 HP / 825 lb-ft torque)
Transmission	TorqShift® 10-speed Automatic with Live-Drive PTO Provision
Wheelbase	193" to 205" (Optimized for 12'–15' bodies)
Cab-to-Axle (CA)	108" to 120" (CA is critical for weight distribution)
Axle Capacities	Front: 7,500 lbs
Tires/Wheels	245/70R19.5 Traction Tires; Argent Painted Steel Wheels
Alternator	Dual Alternators (350-Amp to 410-Amp total)

2. Hook Lift Hoist System

For an F-600, the industry standard is a **16,000 lb capacity** hoist. Brands like **SwapLoader (SL-160)**, **Stellar (Flex120)**, or **Palfinger (HT160)** are the direct equivalents.

- **Lifting/Dumping Capacity:** 16,000 lbs.
- **Hook Height:** Adjustable **36" to 54"** (Manual or Hydraulic). *Note: 36" is standard for smaller bins, 54" is industry standard for larger roll-offs.*
- **Body Length Compatibility:** 10' to 15' containers/bodies.
- **Dump Angle:** 50° to 58° (depending on body length).
- **Hydraulics:** * Transmission-mounted PTO.
- In-cab cable or air controls (joystick preferred).

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- **Safety Features:** * Dual integral counterbalance valves (prevents cylinder collapse).
 - Mechanical rear body tie-down latches.
 - Jib lockout valve (prevents jib operation during dump mode).
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3. Essential Upfit Accessories

- **Toolbox:** Buyers 1762600 36" underbody aluminum for chains and binders.
 - **Bumper/Hitch:** Custom "heavy-duty" rear bumper with recessed LED lighting and Class V receiver (up to 18k–20k lbs towing).
 - **Lighting:** 4-corner LED strobes (Grille and Rear Bumper) and LED work lights mounted behind the cab for night loading.
 - **Rear Camera:** Must be relocated from the chassis to the rear bumper or hoist frame for visibility during "hooking."
 - **Poly rear fenders with mud flaps**
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4. Equivalent Models

- **Chevrolet Silverado 6500HD:** Features a "straight rail" frame which some upfitters prefer for easier hoist mounting.
 - **International CV515:** Shares the cab with the Silverado but offers International's commercial dealer service network.
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5. Integrated Central Hydraulics & Spreader Controls

This setup replaces the basic "Power Beyond" or simple gear pump with a system capable of managing multiple functions.

Feature	Specification
Pump Type	Load-Sensing Piston Pump (preferred) or High-Output Tandem Gear Pump
Control Valve	Stackable Sectional Valve (minimum 3-spool: Hoist, Jib, Spreader)

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Feature	Specification
Spreader Control	Electronic Dual-Flow Controller (Force America)
Rear Connections	Quick-Disconnect Couplers (stainless steel) mounted at rear bumper
Hydraulic Reservoir	25–35 Gallon side-mount tank with internal return filter and sight gauge

Spreader-Specific Technical Requirements:

- **Dual-Flow Capability:** The controller must independently manage the **Auger/Conveyor** speed and the **Spinner** speed.
- **Blast Function:** A momentary "Blast" button on the controller for heavy ice patches.
- **Ground Speed Orientation (Optional but Recommended):** An electronic system that connects to the truck's OBD-II port to automatically adjust the spread rate based on the truck's speed.
- **Safety Interlock:** The spreader circuit should be isolated so it cannot be engaged while the Hook Lift is in "Dump" or "Load" mode to prevent accidental material discharge.

6. Revised Rear Hardware

To accommodate a spreader (whether it's an insert V-box or a tailgate spreader), the rear of the truck needs specific modifications:

- **Stainless Steel Plumbing:** Use stainless steel hard lines along the frame rail rather than rubber hoses where possible to prevent corrosion from road salt.
- **Rear Bulkhead:** A dedicated mounting plate at the rear bumper for the hydraulic "Quick-Connects" (labeled: **Auger Pressure, Spinner Pressure, and Common Return**).
- **Electrical Plug:** 7-way or 4-way RV-style plug for spreader lights (strobe and work lights).

7. Literature

Complete printed or digital literature, publications, and photos of the unit proposed must be included with each bid.

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8. Warranty

- Total Cassis coverage of 24 months / unlimited mileage
- Engine coverage 36 months / unlimited mileage
- Drive train warranted for 24 months / unlimited mileage
- Frame coverage 60 months / unlimited mileage
- Cab corrosion coverage 60 month / unlimited mileage
- Warranty coverage is 100% parts and labor unless noted as provided by chassis manufacturer

Note:

Please list any exceptions to the above specification on an attached sheet depicting the exceptions by line item.

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Bid Quotation Form

Gross List Price	\$ _____
Central Hydraulic & Spreader Control Cost	\$ _____
Less Government Discount	\$ _____
Tax	N/A
Less Trade-In	N/A
Net City Cost Per Unit	\$ _____
Quantity	<u>1</u>
Subtotal	\$ _____
Total Cost	\$ _____

Delivery time in weeks from date of order being placed. _____ weeks.

The successful Bidder agrees to guarantee the design, material, and workmanship of the unit bid upon per the current factory warranty, and to replace free of any charge F.O.B. delivery point, any parts that fail to meet this guarantee. Any part or assembly of parts failing due to design, material or workmanship within the warranty period must be replaced by the Bidder free of charge, to the City of Garden City, Kansas, and any labor involved in these failures must be furnished or paid for by the Bidder for the warranty period. The dealer shall furnish a properly executed service and warranty policy upon delivery of the unit.

Inspection of the unit will be made as soon as possible. Unit with missing equipment or otherwise ailing to meet or comply with specifications will not be accepted and will become the vendor's responsibility.

