



# City of Danville, Virginia

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427 Patton Street, Rm 304  
Danville VA, 24541

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## INVITATION FOR BID

TITLE: "33,000 lb. Cab Chassis for Snowplow Operation"

BID NO: IFB 19-20-022

BID CLOSING DATE: Sealed Bids shall be accepted no later than August 23, 2019 at 2:00 p. m. at the Purchasing Department, 427 Patton Street, Room 304, Danville, VA 24541

DIRECT INQUIRIES TO: J. Gary Via, Director of Purchasing  
(434) 799-6528 opt 4

## TABLE OF CONTENTS

1.0	Information and Conditions
2.0	Delivery
3.0	Warranty, Service and Etc.
4.0	Specifications
5.0	Supplemental General Conditions
PP1	Bid Proposal and Required Submittal Pages

1.0 INFORMATION & CONDITIONS

1.1 INTENT:

Secure vendor to furnish a 33,000 lb. Ton Cab Chassis that will have a snowplow, spreader, dump tarp and hydraulics installed by others, for the City of Danville Public Works Department.

1.2 VEHICLE CODES:

Vehicle furnished under this bid proposal must be new, unused, current year production model, contain all items considered standard in accordance with manufacturer's specifications, meet all applicable OSHA, EPA, and all Motor Vehicle Safety Standards as established by the US Department of Transportation regarding the manufacture of vehicles.

1.3 DESCRIPTIVE MATERIALS

Your bid proposal package should include complete description and specifications of equipment you propose to furnish, including, but not limited to: descriptive literature, and any other pertinent information.

2.0 DELIVERY

2.1 Vehicle shall be delivered in complete running order and include all options, gauges, accessory equipment, proper colors, cleaned, winterized, etc.

2.2 Vehicle to have latest applicable Virginia state inspection sticker. Temporary tags and title applications (including MCO) supplied at time of delivery.

2.3 DELIVERY SITES:

City of Danville  
Public Works Attn: Barry Doebert  
998 South Boston Road  
Danville, Virginia 24540

3.0 WARRANTY, SERVICE, ETC.

3.1 Manufacturer shall warrant to the City that each apparatus furnished is free from defects in material and workmanship under normal use and service and placement in service for a period of thirty-six (36) months/36,000 miles “bumper to bumper” after acceptance of said vehicle by the City.

3.2 SERVICING: Bidder to indicate nearest service center(s) to the City for parts and service.

## 4.0 SPECIFICATIONS

**33,000 GVW Truck Cab & Chassis****You must contact Godwin Manufacturing for any electrical harness or connectors needed for plow/spreader operations**

This single axle truck will be fitted with a snow plow, spreader, dump bed, tarp and hydraulics to work these components. The selling dealer will ensure that the equipment bid will conform to its end use. Truck GVW rating substantiated by published literature shall be not less than 33,000 regardless of the various components as listed herein.

**Frame:** To be of "L" shaped reinforcing of fishplate with front bumper in-line with mainframe for heavy-duty snowplow operation or 16.98 SM with 120,000 psi steel frame. To have extended front frame for snowplow application.

**Wheelbase:** To be approximately 150" and have an effective cab to axle dimension of approximately 84".

**Front Axle:** Capacity at ground to be not less than 13,200 lbs; to be "I" beam construction with multi leaf heavy duty springs, 7,000 lbs. at ground each side. To be furnished with power steering, front shock absorbers, and wet stemco type seals.

**Rear Axle:** To be equipped with one-piece housing having one speed rear axle, with a minimum grade ability of 30%, and a minimum road speed of approximately 70 MPH at rated RPM. Capacity at ground to be not less than 23,000 lbs. w/ 23,500 springs.

**Transmission:** To have an Allison MD 3560 series automatic transmission filled with synthetic fluid and the dipstick shall be so labeled. It shall have the ability to mount a power takeoff on either side. Backup alarm to be installed before delivered.

**Brakes:** To be air and have front lining area of at least 16.5" X 6" and rear lining area of at least 16-1/2" X 7" and all brake drums shall be removable without having to remove wheel bearings. To have factory installed heated air dryer, Bendix AD-9. To have minimum 18.7 CFM compressor. Rear brake air chamber to be on front side of rear axle. Dust shields to be furnished. Brake lining to be non-asbestos type. Automatic slack adjusters to be furnished on all wheels. Unit to have trailer towing package at end of frame. All air tanks to have manual pull cables on drain ports and routed to outside of frame. Clear frame rails from cab to rear suspension, both sides.

**Engine:** To be six (6) cylinder diesel, turbocharged, not less than 330 HP SAE gross horsepower at rated RPM and SAE gross torque of not less than 1,000 lbs. ft. @ 1,400 RPM. Engine supplied to be equipped with oil filter, factory installed heated fuel filter, and dry air cleaner. Engine to be equipped with governor set to manufacturer's RPM. Fan to be automatic type, Low oil pressure and high water temperature buzzers to be supplied. Engine to be equipped with cab control cold start unit (either start will not be accepted) and tachometer. Antifreeze to -34F Extended Life Coolant. All hoses to be Gates Blue Stripe w/ constant hose clamps.

**Exhaust:** Exhaust to be right-hand vertical with a turn-out type extension and a wraparound steel guard to protect personnel and not interfere with the 84" CA. Top of exhaust to be turned out and be 13' from ground.

**Tires:** To be equipped with 11R/22.5-14 ply tubeless steel-belted radial tires on front and rear. Four rear tires to front tire type tread. **NOTE:** Tires to be designed to be recapped and the preferred make is Goodyear.

**Wheels:** To be hub-piloted steel disc wheels with 22.5 x 8.25 rims. Inside rear tires on truck to have minimum 1.75" space between tire and spring assembly to allow for use of dual tire chains. Truck to be furnished under these specifications will allow use of dual chains without modifications. **Reference:** SAE Information Report SAEJ693A

**Cab:** Tilt hood. **The grill must be stationary in vertical position.** To be equipped with adjustable steering wheel, dual heated West Coast mirrors, retractable 16" x 6" and standard size convex mirrors. Five (5) cab clearance lights, dual sun visors, and cab grab handles on outside of cab to be furnished. Cab also to be furnished with tinted glass, High back air suspension drivers seat with right hand arm rest and single passenger seat with lap/shoulder belts furnished, dome light in cab and traffic hazard switch. On right side, to have safety-grating step, size approximately 7" x 36" aluminum or steel. To be furnished with two fuel tank brackets.

**Cab Accessories:** To have electric windows and electric door locks.

**Electrical System:** To be 12 volt with minimum 160 amp alternator and heavy duty batteries with a total of at least 2,250 CCA @ 0°F. threaded stud batteries may be mounted as step type or on frame in battery box, positive jump post at battery box. System is to be protected by circuit breakers. To have four (4) body builder switches mounted in instrument panel (w/ connector access in engine compartment, amperages vary by switch 10, 15, 25, 30)

**Two-Way Radio:** The vehicle will have installed a two-way radio electrical junction block with a 30-amp circuit protector. The two-way radio electrical leads will be mounted under the dash.

**R.F. Noise Suppression & Immunity:** All vehicle electronics systems will include sufficient radio frequency shielding, bonding and techniques to prevent interference to two-way radio equipment installed by Owner and to prevent erratic operation when the Owner two-way radio is transmitting. This includes, but is not limited to, electrical supply and distribution, ignition, lighting, engine controls and instrumentation, braking and entertainment electronics. The vehicle's electrical relays and circuit breakers are to be magnetically suppressed. Specifically, total vehicle electrical noise shall not exceed -126 dBm (0.10uV) between 42 to 50 MHz, as measured at the terminal of the Owner installed two-way radio antenna. All vehicle electrical and/ or electronic systems will operate normally with no false or erratic behavior when an owner installed 2-way radio with 100 watts of power output to the owner installed two-way radio antenna is transmitting on radio frequencies between 42 and 50MHz.

**Fuel System:** To be equipped with a minimum 50-gallon stainless steel or aluminum left side step tank. Batteries may be mounted as step type or on frame in battery box.

**Miscellaneous:** Signal lights and flashers to conform to D.O.T. regulations and all lights shall be LED, recessed mounted, daytime running lights (DRL), (fresh air type) heavy-duty defroster and heater, factory installed air conditioning, dual electric intermittent windshield wipers, dual electric horns and a single air horn to be furnished. Blade assembly to be detachable from arm. Windshield wiper and blade assembly fastened as a unit will not be acceptable. Windshield washers, arm rests and AM/FM radio. Odometer must record tenths. To be equipped with DOT 7 wire cable to be run to back of frame, to have a 7-wire pin type connector left loose on rear of frame. Factory installed electric brake controller to be installed prior to delivery.

**Paint:** Unit to be factory painted School Bus Yellow or Wheatland Yellow

**Keys:** Three (3) sets of keys and key fobs are to be furnished upon delivery and all keys must be programmed.

**Delayed Start Warranty:** Any forms required for updating warranty start dates are to be delivered with the units.

**Advertisement:** No stickers, decals, or plates displaying dealer or distributor name or logo shall be affixed to equipment. Manufacturer's plate with model and serial number is to be on the equipment.

**Safety:** Vehicle to be furnished shall conform to all applicable Federal and Motor Vehicle Safety Standards, and all equipment shall conform to the Code of Virginia and shall include a valid State Inspection Sticker.

**Current Model:** To be standard proven model of manufacturer's latest current production and include all standard equipment as advertised with additional optional equipment as above. All components, unless otherwise required by these specifications, shall be the standard or optional equipment specifically advertised and installed by the manufacturer.

**Note:** New vehicle service preparation must be performed by dealer prior to the delivery.

## 5.0 SUPPLEMENTAL GENERAL CONDITIONS

Miscellaneous: Vehicles to be furnished shall conform to all applicable Federal and Motor Vehicle Safety standards and all equipment shall conform to Title 46.2, Chapter 10, of the Code of Virginia and shall include a valid State Inspection Sticker. To be standard proven model of manufacture's latest current production and include all standard equipment as advertised with additional optional equipment as above. All components, unless otherwise required by these specifications, shall be the standard or optional equipment specifically advertised and installed by the manufacturer. No dealer identifications such as sticker, decal, metal emblem and so forth will be accepted on automobiles furnished under this contract.

### 5.1 AWARD CRITERIA

- a. The award will be made to the lowest responsible and responsive bidder whose proposal conforming to the invitation will be most advantageous to the City, price and other factors considered such as completion time, fiscal stability of the bidder, prior experience in the type of work called-for in the invitation, management resources, owned equipment, quality, operating and maintenance cost, service resale value, etc.
- b. The City reserves the right to reject any or all offers and to waive informalities and minor irregularities in offers received.
- c. The Commonwealth of Virginia and other Cooperative vehicle contracts may be considered as bids.

### 5.2 AUTHORITY

- a. The Director of Purchasing as the designee of the City Manager has the sole responsibility and authority for negotiating, placing, and when necessary modifying each and every invitation to bid, purchase order, or other award issued by the City of Danville. In the discharge of these responsibilities, the Director of Purchasing may be assisted by assigned buyers. No other City officer or employee is authorized to order supplies or services, enter into purchase negotiations, or in any way obligate the government of the City of Danville for an indebtedness. Any purchases contrary to these provisions and authorities shall be void and the City shall not be bound thereby.
- b. This procurement process is governed by the "PROCUREMENT CODE OF THE CITY OF DANVILLE, VIRGINIA" and the City's "STANDARD REQUIREMENTS & INSTRUCTIONS FOR BIDDING". Copies of both may be obtained by writing the City of Danville Purchasing Department, 427 Patton Street, Room 304, Danville, VA 24541 and online at [www.danvilleva.gov](http://www.danvilleva.gov). The City of Danville does not discriminate against faith-based organizations.

### 5.3 BID PREPARATION

- a. Bid proposals must be written in ink or typewritten and shall be submitted on the forms issued. Unsigned bids will not be accepted. No bid may be considered if received after the time shown on Title Page. Vendors are expected to examine all instructions, specifications, drawings, installations, etc. Failure to do so will be at the Vendor's risk. Erasures or other changes must be initialed by the person signing the bid.

- b. Envelopes containing bids must be sealed and marked in the lower left hand corner IFB 19-20-022 "33,000 lb. Cab Chassis for Snow Plow".

### 5.4 BIDDER ELIGIBILITY

Bids will only be accepted from manufacturers, authorized distributors or dealers, who are actively engaged in the sale, manufacture, or type of construction of the item(s) called for in the bid. No proposal will be accepted from or contract awarded to any person, firm, or

corporation that is in arrears or is in default to the City upon any debt or contract, or that is a defaulter, as surety or otherwise, upon any obligation to said City or had failed to perform faithfully any previous contract with the City

#### 5.5 BIDS BINDING 60 DAYS

Unless otherwise specified all formal bids submitted shall be binding for sixty (60) calendar days following bid-opening date.

#### 5.6 INTERPRETATION

If any person contemplating the submission of a bid on this invitation is in doubt as to the true meaning of any part of the plans, specifications, or other documents, he should submit a written request for an interpretation thereof to the Director of Purchasing. An interpretation of the bid invitation document will be made only by written addendum issued to each potential bidder. **THE CITY WILL NOT BE RESPONSIBLE FOR EXPLANATIONS OR INTERPRETATIONS OF BID INVITATION DOCUMENTS EXCEPT AS ISSUED IN ACCORDANCE HEREWITH.**

#### 5.7 OBSERVANCE OF LAWS

The Contractor at all times shall observe and comply with all Federal, State, and City laws, bylaws, ordinances and regulations in any manner affecting the conduct of the work or applying to employees on the project, as well as all orders or decrees which have been promulgated or enacted, by any legal bodies or tribunals having authority or jurisdiction over the work, materials, employees, or contract.

#### 5.8 PATENTS

The Contractor agrees to indemnify and save harmless the City, and all personnel from all suits and actions of every nature and description brought against them or any of them, for or on account of the use of patented appliances, products, or processes, and he shall pay all royalties and charges which are legal and equitable. Evidence of such payment or satisfaction shall be submitted upon request of the City as a necessary requirement in connection with the final execution of any contract in which such patented appliances, products, or processes are used.

#### 5.9 PRICES

a. All prices are based on delivery to the destination designated in the invitation including packing charges. Machines, equipment and vehicles shall be fully assembled, serviced, and ready for use. Temporary tags and title requirements shall be provided by the Contractor at time of delivery. Construction and service prices shall include all labor, material, and tools to complete or perform the required work. Any discounts for payment (Invoicing Terms) should be entered on the proposal page and will be considered in the evaluation.

b. Unless lump sum is specifically requested, unit and extended prices should be given. Failure to do so may cause bid to be rejected. In all cases, the unit price shall govern.

#### 5.10 SAFETY

All practices, materials, and equipment shall comply with the Federal Occupational Safety and Health Act, as well as any pertinent Federal, State and/or local Safety or Environmental Codes.

#### 5.11 SPECIFICATIONS AND PRODUCT DESCRIPTION

When brand names, model numbers, trade names, catalog numbers, or cuts are listed, they are, unless otherwise specified, included for the purpose of furnishing bidders with information concerning the style, type or kind or article designed and a bidder may offer an article which he certifies to be equal in quality, performance, and other essential characteristics. Any available printed material or literature which describes the product being offered for sale shall be included with the bid. The City shall be the sole judge of suitability of substitutes offered. When a formal numbered specification is referred to in this invitation, no deviation will be permitted and the bidder will be required to furnish articles in conformity with that specification.

#### 5.12 TAXES

The City is exempt from payment of State Sales and Use Tax on all tangible personal property purchased or leased for its use or consumption. Certificate of Exemption will be furnished upon request.



CITY OF DANVILLE, VIRGINIA  
 IFB 19-20-022 BID PROPOSAL  
 “33,000 lb. Cab Chassis for Snow Plow Operation”

In compliance with Invitation to Bid No. IFB 19-20-022 and subject to all conditions thereof and attached hereto, the undersigned offers and agrees if this bid be accepted for furnish any and all of the items or services for the sum of:

ITEM	COMMODITY	QTY	AMOUNT
1	<b><u>33,000 GVW Truck Cab &amp; Chassis per specifications in section 4</u></b>	1 each	\$ _____
	Make/Model _____		
	Delivery A.R.O.: _____		

Early payment discount terms are \_\_\_\_\_ % \_\_\_\_\_ days. (If this blank is not filled in, it is understood to be Net 30 days.) Time allowed for cash discounts will be figured from date received of properly executed invoice forms or date of delivery, whichever is later.

My signature certifies that the accompanying bid is not the result of or affected by any act of collusion with another person or company engaged in the same line of business or commerce, or any act of fraud punishable under Title 18.2, Chapter 12, Article 1.1 of the Code of Virginia, 1950, as amended. Furthermore, I understand that fraudulent and collusive bidding is a crime under the Virginia Governmental Frauds Act, the Virginia Government Bid Rigging Act, and Virginia Antitrust Act, and Federal Law and can result in fines, prison sentences, and civil damage awards. I hereby certify that I am authorized to sign this bid for the BIDDER.

COMPANY NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

\_\_\_\_\_

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

SIGNATURE (Printed) \_\_\_\_\_

TITLE \_\_\_\_\_

EMAIL: \_\_\_\_\_

PHONE \_\_\_\_\_ FAX NO \_\_\_\_\_