



**REQUEST FOR PROPOSAL
CAB/CHASSIS FOR A MEDIUM DUMP TRUCK
AUGUST 26, 2016**

Sealed proposals will be received until 2:00 p.m. on Tuesday, September 13, 2016, by the City of Martinsville, to contract with a firm for the purchase of one each: 33,000 GVW rating Cab/Chassis on which a 10 ton rated Dump Body shall be mounted by the successful bidder. A V-Box Sand/Chemical Spreader may be mounted by the successful bidder contingent upon funds being available. Specifications are included in this proposal request. Proposals will be received in the office of the Purchasing Manager, Karen Mays, Central Warehouse, 990 Fishel Street, Martinsville, Va. 24112-3248. Proposals also may be sent by mail, UPS or FedEx to the 990 Fishel Street or mailed to the City of Martinsville Purchasing Department, P. O. Box 1112, Martinsville, Va. 24114-1112. Place "Dump Truck with Body & Spreader" on the lower left hand corner of the envelope and the date of 09/13/16 at 2:00 p.m. There will not be a formal opening. All proposals will be evaluated and awarded by the selection criteria. The City will consider 2016 and 2017 models; please provide details.

Quote F.O.B. Freight Allowed, Prepaid & Allowed to the City of Martinsville Garage, 1000 Fishel Street, Martinsville, Va. 24112-3248.

For more information contact my office at kmays@ci.martinsville.va.us. Inquiries will be forwarded, answered and sent back. The City will determine if addendums are necessary.

SELECTION CRITERIA:

Selection will be based on the ability of the proposer to provide equipment that is best suited for the operating conditions in the City of Martinsville. The equipment proposed will be evaluated and graded on the manufacturing specifications, warranty, maintenance and repair, optional equipment, technical support and training, price, delivery, and references. The City of Martinsville reserves the right to select any proposal it deems to best serve its needs, without regard for price or any other specific detail of any proposal. The City of Martinsville also reserves the right to reject any or all proposals, to request additional information from any proposer, and to negotiate with any proposer for additional services, lower cost, or any other issue pertaining to this request.

CITY OF MARTINSVILLE

SPECIFICATIONS FOR CAB/CHASSIS FOR A MEDIUM DUMP TRUCK

1. **GENERAL:** The intent of these specifications is to describe a **diesel engine powered, conventional cab, single rear axle chassis of the latest current model on which a 10 ton rated dump body, 10 foot in length is to be mounted.** Maximum payloads permissible under current regulations are to be hauled by this unit. **In addition, unit will be utilized as a plow/spreader truck during snow/ice removal operations.** The completed unit will be rated **33,000 GVW.** It is to have a **wheel-base of approx. 158 inches** and a **“clean” CA dimension of approx. 84 inches.** It must meet all State/Federal safety and emission control requirements. **Successful cab/chassis bidder will be responsible for the proper mounting of the body and all other components necessary for a fully operational unit. Successful chassis bidder will then deliver the unit to the City of Martinsville complete in all respects fully serviced and “ready for operation”.** **One (1) complete operation/service/repair manual(s) for model provided (not per unit) must be furnished to the City of Martinsville Fleet Manager, at time of delivery.** Further, certificates of origin and any/all other documents necessary to properly register and title the unit **must** be provided at time of delivery.
 - a. **ENGINE: Estimated 300 HP Diesel should be provided. The City prefers the Cummins Engine.** Heavy duty fan. Full flow oil filter. Appropriate radiator heavy duty for model provided. High temperature and low oil pressure cut-off switches shall be provided. Engine block heater shall be provided.
 - b. **TRANSMISSION:** A 6 speed automatic transmission is desired. **The City prefers the Allison transmission.**
 - c. **FRAME:** A heavy duty frame, completely compatible with specified GVW must be provided. Include a 5/8” Rear Hitch Plate with 20 Ton Pintle Hook mounted to plate.
 - d. **CA DIMENSION:** Unit to be furnished shall have a “clean” CA dimension of approx. 84 inches. However, this is subject to adjustment depending on body to be supplied. Successful cab/chassis and dump body supplier must coordinate on this item.
 - e. **FRONT AXLE:** A minimum 12,000 pound ground load rated axle shall be provided.
 - f. **REAR AXLE:** A single, single speed, minimum 21,000 pound ground load rated axle shall be provided.
 - g. **REAR AXLE RATIO:** The “standard” rear axle ratio providing for most economical “in town” operation shall be provided.

- h. **SPRINGS:** Spring capacities, front and rear, must equal or exceed GVWR rating.
- i. **SHOCK ABSORBERS:** Heavy duty shock absorbers shall be provided throughout as well as a front stabilizer bar.
- j. **BRAKES/AIR COMPRESSOR/EQUIPMENT:** ABS, Antilock brake system, full vehicle to include wheel-end sensing. Air compressor 13.2 CFM, water cooled, air dryer, Bendix AD-9 Heated shall be provided. Include Air Dryer for brakes. Include a Trailer Air Brake Package.
- k. **EMERGENCY AIR TANK(S)/LOW AIR PRESSURE WARNING:** Shall be provided.
- l. **FRONT-REAR WHEELS/FRONT-REAR TIRE SIZE:** Front, rear wheels to be steel disc accurate 10 bolt, 22.5 x 8.25. And front tire size to be tubeless radial 11R22.5-14, rear tubeless radial 11R22.5-14, Mud/Snow grip tires shall be provided on rear wheels.
- m. **POWER STEERING:** Power steering shall be provided.
- n. **ALTERNATOR/ELECTRICAL SYSTEMS:** 210 Amp. Minimum, 12 volt electrical system, shall be provided along with heavy duty maintenance free batteries.
- o. **LIGHTS:** Halogen headlamps, if available. Otherwise standard lights to include back-up plus any/all lights/reflectors required by current regulations shall be provided. Include a RV Trailer Connection Socket Wired for Turn Signals with Stop & Tail Lights.
- p. **CAB ACCESSORIES:**
 - Cab: “conventional” type cab shall be provided, with hood forward tilting front end, and stationary grille to accommodate snow plow rigging.
 - Seat: Standard bucket seats shall be provided.
 - Upholstery: Heavy duty, vinyl upholstery, standard color available shall be acceptable.
 - Mirror: Two (2) “West Coast” type **heated** mirrors, mounted outside, left and right, with separate “wide angle” elements shall be provided. “Stick-on” wide angle elements are not acceptable. Heating elements for the mirrors shall be controlled by a dash mounted on/off toggle switch.
 - Horn: standard shall be provided.

- Heater/Defroster: Shall be provided.
 - Sun visors/Armrest/ auxiliary power port: Shall be provided.
 - Floor Mats: Heavy duty floor mats, shall be provided.
 - Windshield Wipers/Washer: Electric Intermittent wipers and washer shall be provided. Minimum two (2) speed wipers, power washer and integrated controls.
 - Tinted Glass: Shall be provided throughout.
 - Steps/Grab Handles: Safety tread type steps and appropriate “grab” (assist) handles shall be provided on each side.
 - Instrumentation: Full instrumentation shall be provided to include, as minimum single hand tachometer, air pressure, water temperature, oil pressure and fuel gauges, and ammeter. An engine hour meter, preferable dash mounted, shall be provided.
- q. **FUEL TANK:** Steel minimum 50 gallon (US) capacity fuel tank shall be provided. Prefer left side mounted “step tank”, if available.
- r. **TOW HOOKS:** Frame mounted tow hooks, front only, shall be provided.
- s. **ENGINE COOLANT HEATER:** A 110 volt, 1,000 watt rated (minimum) “In block” type electrical engine coolant heater, shall be provided.
- t. **KEYS:** Four (4) full sets of keys shall be provided.
2. **RESERVATION OF RIGHTS:** City of Martinsville reserves the right to reject any and all proposals, to waive informalities and to award the proposal to other than lowest bidder should such be deemed to be in the best interests of the City.
3. **SILENCE OF SPECIFICATIONS:** The apparent silence of these specifications and any supplemental specifications as to any detail of the omission from the specifications of a detailed description concerning any point shall be regarded as meaning only the best commercial practices are to prevail and only materials of highest quality and correct type, size and design are to be used. Likewise, all workmanship is to be highest quality. All interpretations of these specifications shall be made on the basis of this statement.

4. **STANDARD OF QUALITY:** The naming of a certain brand or make of manufacturer may not restrict bidders to the specific brand, make or manufacturer named; it conveys the general style, type, character and quality of the article desired. Any article which the City in its sole discretion, determines to be equal of that specified, considering quality, workmanship, economy of operation and suitability for purpose intended may be considered. Any and all items which are standard to the model provided, or which may be necessary, for a complete functional unit, but which may not be specifically identified herein, will be provided unless replaced by a specified optional item. The unit shall be configured/equipped as indicated in the following paragraphs.

PAINT: Cab should be painted DuPont White #817 A, if possible. Otherwise, factory standard white most closely approximating the DuPont color will be acceptable. Front bumper, wheels and frame shall be painted black, DuPont Centari, #99 A, if possible. Otherwise, standard factory black most closely approximating the DuPont color.

DATE IN SERVICE: Due to possible time lapse between delivery date and date unit is actually placed in service, the official "Date in Service" for the start of appropriate warranty periods will be as indicated in documents maintained in appropriate City records.

REFERENCES: Proposals shall include a list of customers who have purchased the same or similar equipment from the proposer. Names, telephone numbers, and email addresses of individuals who can verify the ability of the proposer to provide the equipment and services proposed shall be included.

SPECIFICATIONS FOR 10 TON RATED DUMP BODY

GENERAL: The intent of these specifications is to describe a heavy duty, 10 ton rated dump body, 10 feet in length that is to be mounted on a single rear axle chassis. CA dimension shall be approx. 84 inches, 33000 GVW rating, 12,000 minimum pound rated front axle and a minimum 21,000 pound rated rear axle. In addition, unit will be utilized as a plow/spreader truck during snow/ice removal operations. It must meet all State/Federal safety requirements. Successful cab/chassis bidder will be responsible for having the body properly mounted and any/all other items required by specifications or otherwise for a complete functional unit.

1. **COORDINATION:** Successful cab/chassis bidder shall insure chassis and body/accessories to be mounted thereon are compatible in all respects, especially as such pertains to front and rear axle loadings, fuel tank location and "clean" CA dimensions necessary for the proper mounting of the body, snow plow and related equipment.

2. **HYDRAULIC SYSTEM:** The truck shall be fitted with a side mounted PTO hydraulic pump to allow for spreader and dump body operations. Connections shall be made with dripless hydraulic connectors. A two-way diverter valve shall be installed to separate the existing dump body from the salt spreader functions.

Quote the central hydraulic system as an option.

3. **DUMP BODY:** Unit provided shall be configured, equipped and meet minimal requirements as follows:
- a. Rating: Shall be minimum ten (10) ton rated.
 - b. Construction: Shall be fully welded. Minimum ten (10) gauge high resistant steel to be utilized throughout except for decking, which will be minimum ¼" steel.
 - c. Inside Dimensions: Approximate dimensions shall be 120 inches length and 88 inches width.
 - d. Headboards: "V" braced or otherwise reinforced headboards shall be provided.
 - e. Rub Rails: Full-length rub rails shall be provided.
 - f. Under structure: Shall be heavy-duty construction throughout. Cross members shall be approximate three (3 inches) I-beam or channel. Longitudinales shall be approximately five (5) inch I-beam or channel. These shall be gusseted and welded to body.
 - g. Vertical Side Braces: A minimum of four (4) full-welded vertical side braces per side shall be provided.
 - h. Tailgate: Air operated and reinforced "double action" tailgate with a minimum of two (2) full welded box type vertical braces and heavy duty hardware shall be provided.
 - i. Headache Board: A ¾ "headache" cab protector shall be provided. No Exceptions! A Whelen #L22HAP beacon warning beacon shall be mounted to the cab protector as described below.
 - j. Lights: All lights/reflectors required by current regulations, to include electric back-up alarm, and lights shall be provided. Lights shall be "armored" with maximum wide spacing on all rear mounted lights.

- k. Sides: Sides shall be approximately 23 inches in height with flanges for 12-inch sideboards.
 - l. Mud Flaps: Shall be provided.
 - m. Safety Strut: Appropriate safety struts to provide positive means of maintaining bed in raised position to enable work to be performed beneath bed in relative safety shall be provided.
4. **HOIST:** An underbody hydraulic hoist, ten (10) ton rated with a dump angle of approximately 50 degrees, shall be provided. PTO to be direct-mount to transmission and will be air controlled. Hoist shall be powered up and gravity down.
 5. **REAR TOW HOOKS:** Two (2) frame mounted rear tow hooks shall be provided.
 6. **TRUCK COVER:** Successful bidder shall install truck cover electric roll-up mechanism complete with heavy duty vinyl tarp sized to cover bed opening to tailgate.
 7. **PAINT:** Entire body shall be appropriately “prepped” for maximum resistance to corrosion. It shall then be painted black, DuPont Centari, #99A, if possible. Otherwise, any black which closely approximates the DuPont color, will be acceptable.
 8. **CAB PROTECTOR MOUNTED STROBE BEACON LIGHT:** One (1) Whelen #L22HAP beacon light shall be provided. A dash mounted toggle switch for control of the light shall be provided. Light shall be mounted on the driver side front, top corner of the cab protector. The warning beacon shall be fully visible from all sides (360 degrees) of the vehicle.
 9. **REMOVAL OF ORIGINAL EQUIPMENT:** Any/all “original equipment” lights or other items removed from the chassis for purposes of mounting the dump body, hoist and other accessories shall be returned to the City of Martinsville.
 10. **FIRE EXTINGUISHER:** 1 each 5 lb. Fire Extinguisher shall be provided.

BID SEPARATE:

V-BOX SAND/CHEMICAL SPREADER

The City of Martinsville, Virginia is requesting a Stainless Heavy Duty V-Box Sand/Salt Spreader or equal. The unit shall be a slide-in type, to be mounted by the successful bidder, in the bed of a single axle dump truck with a cab to axle length of approx. 84 inches. The inside hopper length shall be approximately 9 feet with an approximate capacity of 5 to 6 cubic yards. The unit shall be hydraulically driven and shall include a direct mount hydraulic pump and accessories to fit an automatic transmission. The unit shall be side mount PTO driven. The hopper shall be constructed of 304 stainless. The unit shall be equipped with yellow warning beacon Whelen #L22HAP mounted on the rear of the unit. The unit shall be furnished complete, in a ready to use condition and shall include a dump body mounting kit with a tailgate latch assembly and mounted in the dump body. The unit shall include one set of cab controls, one set of owners/operators manuals or CD disk, and all warranty information. The bidder shall include all manufacturers' literature regarding the unit being bid.



BID FORM

**TO: CITY OF MARTINSVILLE
MARTINSVILLE, VIRGINIA**

The undersigned has carefully examined the Specifications and hereby declares to furnish the following item in the manner prescribed in the specifications, for the following price:

	TOTAL COST
<u>33,000 GVW Cab/Chassis Truck with 10 Ton Dump Body</u>	\$ _____
<u>Furnish & Install Spreader</u>	\$ _____
<u>Central Hydraulic System</u>	\$ _____

Vendor Name

Mailing Address

By _____
Signature & Title

Phone & Fax Numbers

Date

Email Address