

**SPECIFICATIONS FOR  
2020 33,001-150,000 LB.GVW FREIGHTLINER M2106 6X4  
DUMP TRUCK**



**August 2019**



**TOWN OF COVENTRY**  
**DEPARTMENT OF PUBLIC WORKS**  
1670 Flat River Road, Coventry, RI 02816  
401-822-9183 Fax 401-822-9141

**INVITATION TO BID**

**2020 33,001-150,000 LB. GVW  
FREIGHTLINER M2106 6X4 DUMP TRUCK**

Sealed bids will be received at the Office of the Town Clerk, Town of Coventry, Town Hall, 1670 Flat River Road, until 10:00 AM on September 9, 2019, at which time they will be opened and read loud. The award of the contract will be made by the Town Council as soon thereafter as practical.

The Town of Coventry reserves the right to reject any or all bids, to waive any formalities in a bid, to make awards to separate bidders, to make awards to more than one bidder or to accept that bid or bids which in the judgment of the awarding authority is in the best interest of the Town.

Specifications and information for bidders may be obtained at the Office of Town Clerk. Bids are to be submitted on forms furnished by the Town and completed bid forms are to be deposited with the Town Clerk no later than 10:00 AM on September 9, 2019

The Bid Envelope must be clearly marked  
**"2020 33,001-150,000 LB. GVW FREIGHTLINER M2106 6X4 DUMP TRUCK"**

TOWN OF COVENTRY

Joanne Amitrano  
Town Clerk

## INFORMATION OF BIDDERS

### 1.0 GENERAL CONDITIONS

1. Use the bid form furnished with this invitation and complete all spaces provided on the bid form. Failure to provide information may invalidate the bid.
2. The Town of Coventry reserves the right to refuse any and all parts of any bid.
3. Any variance to the requested specification shall be specifically stated by the bidder on the bid form.
4. The quantities listed in the bid (proposal) are approximate and are given only for use in comparing bids and to indicate approximately the total amount of the Bid, and the Owner does not expressly or by implication represent that the actual quantities will correspond therewith but does call particular attention to the uncertainty of the quantities involved which cannot be predicted in advance. Under the Bid, the Owner reserves the right to increase or decrease the approximate quantities for, or to omit entirely, any of the items as listed in the bid.
5. Bid must specify any and all warranties and include a full descriptive brochure describing in detail the material being bid.
6. Bids should reflect any and all discounts and be quoted FOB Coventry, Rhode Island.
7. Bids shall be sealed, shall be delivered to the Town Clerk prior to closing date and time and the envelope shall be clearly marked as indicated in the Invitation to Bid notice.
8. The bidder shall comply with all laws of the United States, the State of Rhode Island and all local ordinances.
9. If any further information is needed please contact Kevin McGee at (401) 822-9183.
10. Materials and equipment purchased for installation under this contract are exempt from the Rhode Island Sales Tax and Federal Excise Tax. The exemption from the Sales Tax shall be taken into account by the Contractor during the bidding.
11. Bids may be withdrawn personally or on written or telegraphic request dispatched by the bidder in time for delivery during the normal course of business prior to the time fixed for the opening, provided that written confirmation of any telegraphic withdrawal over the signature of the bidder is placed in the mail and postmarked prior to the time set for the opening of the bids. Negligence on the part of the bidder in preparing their bid confers no right of withdrawal or modification of their bid after such bid has been opened.

## INFORMATION OF BIDDERS

### **1.0 GENERAL CONDITIONS - Continued**

12. Bidders shall use the enclosed specifications as a minimum only. Each bidder will provide their own detailed specifications for the bid item.
13. Each bid will be evaluated on three factors:
  - A.) Price
  - B.) Specifications
  - C.) Delivery
14. The Town of Coventry reserves the right to award the bid to the lowest qualified bidder who will deliver the item, which is in the best interest of the Town.

No bidder may withdraw their bid within ninety (90) days after the actual date of the opening thereof.

**MINIMUM SPECIFICATIONS**  
**2020 33,001-150000 LB. GVW FREIGHTLINER M2106 6X4 DUMP TRUCK**

**2.0 SCOPE OF SPECIFICATION for CLASS 8 VEHICLE**

**1. Minimum G.V.W.**

33,001-150000 G.V.W.  
18,000 Lb. Front Axle Load  
40,000 Lb. Rear Axle Load

**2. Engine and Equipment:**

- Minimum 300 HP 2000 RPM
- Carb emission certification
- Alternator, 200 Amp, 12 V
- Batteries (2) 12 volt group 3 MF stud type
- Delco 12 volt HD starter
- Engine block heater 1500 Watt

**3. Transmission and Equipment**

- Allison 3000 RDS Automatic
- W/ PTO Provision, (1) Dash Mounted PTO Switch
- Push button electric shift control

**4. Front Axle, Equipment, Tires**

- 18,000 lb. wide pivot center front axle
- 5" X 6" Cast spider cam front brake drum
- Front brake dust shields
- Front grease/oil seals
- Automatic front slack adjusters, king pin bushing
- Power steering with pump & reservoir
- 18,000 lb. HD multi-gear spring
- Shock absorbers
- 315/80R22.5 16 ply Radial front tires

## **2.0 SCOPE OF SPECIFICATION - Continued**

### **5. Rear Axle, Equipment, Tires**

- 40,000 lb. MT-40-14X tandem rear axle, R Series
- 16.5" X 8" rear cast cam brakes and drums
- Rear brake dust shields
- Rear oil seals
- Automatic rear slack adjusters
- Driver controlled traction differential lock, 5.29 ratio
- 40,000 Lb. Hendrickson RT 403 multi-leaf rear spring suspension, 54" axle spacing
- 11R22.5 16 ply tubeless radial rear tires

### **6. Trailer Connections**

- Air connections to end of frame with glad hands and no dust covers
- Trailer single 7 pin cable receptacle

### **7. Frame wheel base**

- Minimum of 192" wheel base- 126" CA
- Double Steel frame rails per Mfg. requirements
- 3- Piece 14" Chrome Steel Bumper w/ Collapsible Ends
  - Front Tow Hooks- Frame Mounted
  - Front Fender Mud Flaps

### **8. Fuel Tanks**

- 60 gallon aluminum fuel tank, 6 Gallon DEF Tank
- Rectangular tank, with painted bands
- Step finish, fuel tank caps, high temperature nylon fuel line

### **9. Electronics**

- Back-up alarm, constant sound level 97 dB
- Battery box covers, mounting
- Dash mounted indicator body/hoist up lamp
- Chassis and Power harness
- Furnish rear lighting

## **2.0 SCOPE OF SPECIFICATION - Continued**

### **10. Cab Exterior**

- Flat roof aluminum conventional 106” cab
- Air cab mounts
- Non-removable bug screen mounted behind grille
- LH and RH Grab handles
- Bright finish radiator shell/hood bezel
- WABCO 4S/4M ABS Air Brake Package, braided air lines, parking brake hose
- Bendix ASFDIS Brake Line Dryer w/ heater, brake reservoirs, Bendix drain valve
- Single 14 inch round Hadley air horn roof mounted
- Single electric horns
- Door locks and ignition switch keyed the same with (4) keys
- Dual West Coast bright finish heated mirrors
- LH and RH 8” bright finish convex mirrors mounted under primary mirrors
- Tinted door glass LH and RH with tinted operating wing windows
- Lower RH door window with Fresnel lens
- Windshield with heated wiper blade park areas
- Fender extensions required

### **11. Cab Interior**

- Center storage console mounted on back wall
- Smart switch expansion module
- Heater, defroster and air conditioner
- Standard HVAC ducting with snow shield for fresh air intake
- Denso heavy duty air conditioner compressor
- 12V negative ground electrical system in dash
- Triangular reflectors without flares
- Premium high back air suspension driver seat with 3 Chamber air lumbar, integrated cushion extension, forward and rear cushion tilt, adjustable shock absorber. High back Non Suspension Passenger Seat, Black Seat Belts
- Fixed steering column
- Diagonal grab handle on inside driver’s door
- Power leads (5-way binding posts for CB radio) in heater console
- CB radio mounting reinforcement in header console
- Power Windows/Locks

## 2.0 SCOPE OF SPECIFICATION - Continued

### 12. Instruments and Controls

- Driver instrument panel
- Low air pressure indicator light and audible alarm
- 2" primary and secondary air pressure gauges
- Dash mounted air restriction indicator with graduations
- Electronic cruise control with switches in LH switch panel
- Key operated ignition switch and integral start position; 4 position off/runs/start/accessory
- ICU3S, 132X48 display with diagnostics, 28 LED warning lamps and data linked
- Diagnostic interface connector, 9 pin, SAE J1939, located below dash
- 2 inch electric fuel gauge
- Programmable RPM control – Electronic engine
- Electrical engine coolant temperature gauge
- 2 Inch transmission oil temperature gauge
- Engine and trip hour meters integral within driver display
- (1) Dash mounted PTO switch with indicator lamp for customer installed PTO
- Electric engine oil pressure gauge
- Overhead instrument panel
- Smartplex Hub module with overhead switch mounting, driver side only (6 switch slots)
- AM/FM/WB radio, Bluetooth and microphone, USB, front and rear auxiliary inputs and J1939
- Roof/overhead console CB radio provision
- Multi-band AM/FM/WB/CB LH mirror mounted antenna system
- Electronic MPH speedometer with secondary KPH scale, without odometer
- Electronic 3000 RPM tachometer
- One on/off rocker switch in the dash with indicator light wired to junction block on frame with marker light circuit, label opt
- Pre-trip lamp inspection, all outputs flash, with smart switch
- Trailer hand control brake valve
- Digital voltage display integral with driver display
- Single electric windshield wiper motor with delay and arctic type blades
- Marker light switch integral with headlight switch and dual connectors and switch for customer furnished snow low lights, low beams off with high beams
- Two-valve parking brake system with warning indicator
- Self canceling turn signal switch with dimmer, washer/wiper and hazard in handle



## 2.0 SCOPE OF SPECIFICATION - Continued

### 13. Design

- Paint: One solid color - white

### 14. Dump Body

- Body length: 180", Body Style- Load King
- Body width: OD – 96" ID – 85"
- Cab shield: 24" X 85", Load King Style
- Side Height: Front – 34", Rear – 34"
- Front Height: 56" Load King Front Gate
- Rear Height: 42"
- Body Materials:
  - Front: 7GA AR450 Steel
  - Cab shield: 10GA A36 Steel
  - Side: 10GA A36 Steel
  - Rear: 10GA A36 Steel
  - Floor: 3/16" A36 Steel
  - Frame: 7/16X3-9/16X11-1/8 Steel
- Tailgate Thickness: 2.5"
- Tailgate Chain slot Bracket: Banjo type with \*\*extra reinforcement
- Ladder: Rigid with Grab Handle, left front of body
- Asphalt Apron: 8" X 1/4" \*\* bolt on removable\*\*\*
- (1) Asphalt chute in tailgate
- Finish: Fully primed and painted white Single Stage
- Double Acting Hoist Assembly, Model 63150
- Strobe lights
- (2) Beacons with Brush Guards on Cab shield
- (2) Light heads, 3 lights each: Amber Strobe / STT Backup at rear
- 30' Harness on each light head
- Trailer Hitch 22"- 45 ton Pintle, Electric Brake Controller
- Fully Automatic Tarp and Roller with aluminum arms with asphalt canvas

## **2.0 SCOPE OF SPECIFICATION - Continued**

### **15. Central Hydraulics:**

- PTO and Pump
- 40 Gallon Reservoir with filter, valves, cables, site glass, console and control unit
- System conforms to all written bid specifications

### **16. Additional Equipment:**

- Full Plate ICC Bumper with hitch
- (2) D-rings for safety chains – Glad Hands mounted on hitch plate

## **3.0 WARRANTY**

Warranty will be one (1) year unlimited mileage on cab and chassis, five years complete coverage on the engine, transmission and rear end. There shall be unlimited mileage with no deductible.



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**BID FORM**  
**2020 33,001-150,000 LB. GVW FREIGHTLINER M2106 6X4 DUMP TRUCK**

Quantity (1) \$ \_\_\_\_\_

Written Words Total: \_\_\_\_\_

**Unit Price:**

Extended Warranty:  
\$ \_\_\_\_\_

Delivery Date: \_\_\_\_\_

**GUARANTEE:** Bid price for 90 days from opening date.



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**BID FORM - CONTINUED**

The undersigned bidder ( s ) submitting this proposal, hereby declares and agrees to furnish and deliver the materials and, or, equipment listed above and in accordance with all terms, conditions and requirements of the Bid Invitation and the Specifications and General Conditions contained therein.

PRINT NAME AND ADDRESS OF COMPANY

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\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature of Authorized Representative

\_\_\_\_\_  
Telephone

\_\_\_\_\_  
Title

\_\_\_\_\_  
Fax

\_\_\_\_\_  
EMAIL