

May 15, 2019
RFSB No. 219075

The City of Augusta will accept sealed bids for **ONE (1) NEW 2020 HEAVY DUTY DIESEL POWERED 6X2 CLASS 8 RUBBISH TRUCK WITH PUSHER AXLE**, in accordance with the enclosed specifications. Bidders will be required to complete the attached quotation form. Bidders are required to state any exceptions to the equipment listed on the specification form. Bidders are also required to state specifically if warranty is limited in any matter.

The City of Augusta is exempt from paying Federal Excise Taxes, as well as State of Maine Sale and Use Taxes. Please quote less these taxes. Upon application, exemption certificates will be furnished.

Sealed proposals, addressed to the Purchasing Agent, City Center, 16 Cony Street, Augusta, Maine 04330-5298, and endorsed on the outside of the envelope with the name of the Bidder, Contractor Name and Bid Number; will be received by the Purchasing Agent until **2:00 o'clock p.m.** (prevailing time) on **Thursday, May 30, 2019** at which time they will be publicly opened and read. Telephone, telegraph, or facsimile Bids will not be accepted. No Bids will be accepted after the above stated time and date. All equipment offered on this bid shall be brand new and the latest type available. Bidder will state in their bid the name and model number of the equipment they are offering and will include with their bid a catalog or brochure marked to indicate the standard factory equipment of the model on which they are bidding.

Bidder must attach a separate sheet to their bid listing any deviation from the minimum specifications shown. If no attachment is provided, it will be assumed that the item being bid meets the minimum specifications or equal to.

Delivery to be made upon receipt of purchase order and shall be FOB, Augusta Public Works, 55 North Street, Augusta, ME 04330.

It is the custom of the City of Augusta to pay its bills within 20 to 30 days following completion of work and receipt of bills for all work covered by the contract. In submitting bids under attached specifications bidders should take into consideration all discounts, both trade and time, allowed in accordance with the above payment policy. All bidders should quote net prices, therefore, exclusive of all Federal Excise Taxes.

The City of Augusta reserves the right to accept or reject any or all bids, or portions thereof, and waive any technicalities or formalities should it be to the best interest of the City of Augusta. Prices quoted shall be valid for 30 days following bid opening. The City encourages women and minority-owned businesses to submit bids.

Questions regarding the bid package and the bid process may be directed to Cheryl Vashon in the Development Services office at (207) 626-2365 or by e-mail at cheryl.vashon@augustamaine.gov. Questions regarding the specifications for this bid can be directed to Scott Kenoyer, Fleet Services Manager, at (207) 626-2435 or by e-mail at scott.kenoyer@augustamaine.gov.

City of Augusta, Maine by:

William R. Bridgeo
City Manager/Purchasing Agent

WRB/cav

Enclosures: Specifications
Quotation Form
W9

cc: Scott Kenoyer, Fleet Service Manager

**SPECIFICATIONS FOR
RFSB No. 219075 - ONE (1) NEW 2020 HEAVY DUTY DIESEL POWERED
6X2 CLASS 8 RUBBISH TRUCK WITH PUSHER AXLE**

1. ENGINE:
 - 1.1 Minimum 330 min HP diesel with 1000 feet pounds of torque
 - 1.2 Designed for heavy-duty service
 - 1.3 Oil Cooler
 - 1.4 Magnetic drain plug
 - 1.5 Exhaust brake
 - 1.6 1350 adapter flange for front PTO provision
 - 1.7 Electric grid air intake heater

2. TRANSMISSION:
 - 2.1 3500RDS 6spd Allison transmission for heavy-duty service with oil cooler and PTO provision
 - 2.2 Push button, electronic shift control, dash mounted with oil level check
 - 2.3 Torque input rating shall be in excess of maximum available engine torque output
 - 2.4 Designed for heavy-duty service
 - 2.5 Performance based shift schedule

3. AXLE FRONT:
 - 3.1 Rated capacity 16,000 lbs. minimum
 - 3.2 Designed for heavy-duty service
 - 3.3 Ample tire clearance at maximum turning angle
 - 3.4 Front suspension 16,000 lbs. Minimum
 - 3.5 Oil lubricated front hubs with synthetic gear lube

4. AXLE REAR:
 - 4.1 Meritor RS-26-185. capacity 26,000 lbs. minimum or equal
 - 4.2 Ratio 5:86, with synthetic gear lube
 - 4.3 Aluminum house and/or lightweight components not acceptable
 - 4.4 Single, dual and triple tire chain clearance mandatory, no local modifications or special spacer acceptable
 - 4.5 Magnetic drain plug
 - 4.6 Radium and/or torque rods acceptable
 - 4.7 Rear suspension 30,000 lbs. with 3,000 lbs. auxiliary
 - 4.8 Driver controlled differential lock

5. PUSHER AXLE:
 - 5.1 20,000 lb. non-steerable Pusher Axle mounted before rear axle
 - 5.2 Single Tires, not dual. Tire Size: 255/70R22.5

6. FRAME:

- 6.1 Designed for heavy-duty service
- 6.2 Full depth, full length channel frame rails 7/16 x 3 11/16 x 11 1/8
120,000 PSI
- 6.3 A.F. Dimension shall be 63 inches minimum
- 6.4 24" integral front frame extension, to provide for hydraulic pump
mount
- 6.5 Heavy-duty gusseted cross members shall be provided to prevent
"diamond shaping" under extreme conditions. Clear frame rails from
back of cab to front of rear suspension

7. WHEELBASE:

- 7.1. Wheelbase shall be the manufacturer's shortest standard version
offered to meet service requirements
- 7.2. C.A. Dimensions shall be 132 inches min. to drive axle, to provide for a
20 cubic yard packer body.

8. BRAKE SYSTEM:

- 8.1. Full air actuations, S Cam type with outbound brakes, self-adjusting
wedge type not acceptable.
- 8.2. 19 cu. ft. compressor, minimum
- 8.3. Compressor shall be lubricated through engine lube system
- 8.4. Drain cocks with pull cables on each reservoir
- 8.5. Reservoirs shall have ample road and tire chain clearance
- 8.6. Moisture ejection valve
- 8.7. Heated Air dryer with spin on cartridge
- 8.8. Automatic low-pressure spring brake, 60 PSI or less
- 8.9. Low pressure alarm systems
- 8.10. 16 1/2 x 7" x 3/4" brakes, rear axle
- 8.11. Type 30/36 rear brake chambers
- 8.12. Standard air brakes front axle
- 8.13. Parking brake, one valve parking brake system with warning light
- 8.14. ABS air brake system

9. PERFORMANCE

- 9.1. Gear steps designed to eliminate lugging of the engine

10. WHEELS AND TIRES:

- 10.1. Wheels shall be of disk type
- 10.2. Rims tubeless type
- 10.3. 1200R225 16 ply radial tubeless tires, rear drive wheels for mud and
snow

10.4. Tires shall be premium grade, first line quality

11. CAB AND SHEET METAL:

- 11.1. Air ride heavy-duty, two-door conventional cab with ample leg and shoulder room for three people
- 11.2. Conventional hood design, tilt hood
- 11.3. Stationary grill with bright accents
- 11.4. Bumper 3-piece all steel with collapsible ends
- 11.5. Front tow hooks, frame mounted
- 11.6. Gray interior, air ride, gray fabric, bucket seat on driver's side. Non-air ride, gray fabric, 2-person capacity seat, passenger side, with storage compartment under seat
- 11.7. Left and right grab handles
- 11.8. Insulated floor mat and cab silencer insulation
- 11.9. LH/RH Power windows
- 11.10. AM/FM radio
- 11.11. All season air conditioner
- 11.12. Floor mats on both left and right sides of cab
- 11.13. Dual windshield wipers with delay settings and electric washers
- 11.14. Dual sun visors
- 11.15. Flat dash board

12. STEERING SYSTEM:

- 12.1. Designed for heavy-duty service
- 12.2. Ample gear reduction for off-highway service
- 12.3. Hydraulic power steering
- 12.4. Steering system oil reservoir equipped with filter located for ease of service
- 12.5. Tilt and telescopic steering wheel

13. EXHAUST SYSTEM:

- 13.1. Vertical exhaust system, right hand side with chrome or stainless steel curved stack (no rain cap)
- 13.2. Heavy duty mounting brackets, elbow, piping and expansion joints
- 13.3. D.E.F. tank mounted on left side only
- 13.4. Aluminum after-treatment cover

14. COOLING SYSTEM:

- 14.1. Radiator core and shell will be of heavy design and construction
- 14.2. Ample capacity for continuous high engine output under extreme operating conditions with sight gauge
- 14.3. Heavy-duty mounting brackets and plumbing
- 14.4. Thermostatic controls

- 14.5. Engine thermostat
- 14.6. Coolant filter

15. ELECTRICAL SYSTEM:

- 15.1. 12-volt alternator system, 160 amps capacity, minimum
- 15.2. Heavy-duty starter, 38mt series minimum
- 15.3. Heavy-duty batteries, 200 cca, 155-amp hour rating minimum
- 15.4. Enclosed battery compartment
- 15.5. Batteries shall be shielded from road splash
- 15.6. LED cab marker lights
- 15.7. Conventional seal beam headlights
- 15.8. Standard panel lights
- 15.9. All exterior wire connections shall be salt-resistant type
- 15.10. Best hot water heater and defroster supplied by manufacturer
- 15.11. Dome light shall have independent switch
- 15.12. Electrical fuel gauge
- 15.13. Body builders wiring harness

16. SWITCHES AND GAUGES

- 16.1. Standard instruments and gauges, illuminated
- 16.2. All switches and gauges shall be clearly identified
- 16.3. Tachometer
- 16.4. Air resistor gauges
- 16.5. Hour meter

17. ACCESSORIES:

- 17.1. Air horn, single
- 17.2. Cab-grab handles right and left
- 17.3. Dual W.C. heated mirrors with heavy-duty adjustable type, 16" x 6" minimum with both left- and right-hand convex mirrors
- 17.4. Automatic back-up alarm when transmission is in reverse
- 17.5. DOT approved fire extinguisher, and triangular flares

18. FUEL SYSTEM:

- 18.1. Minimum 60-gal round fuel tank with stainless steel straps and aluminum steps mounted under driver's door. Steps to be non-skid type on both sides.
- 18.2. Tank shall provide adequate road clearance, and be properly vented
- 18.3. Fuel line primer pump

19. FILTERS:

- 19.1. Air filters shall be dry type, self-evacuating, Donaldson Cyclopac or approved equal. Local modification not acceptable.

- 19.2. Air inlet shall be under engine hood; by-pass type acceptable
- 19.3. Filter must be located for ease of servicing, external type preferred
- 19.4. Primary and secondary fuel filter.

20. BODY

- 20.1. Heil model PT1000 20-yard rear loader
- 20.2. Body side access door w/grab & step
- 20.3. ¼ 150,000 PSI hopper floor (in lieu of 3/16, 150,000 PSI)
- 20.4. Heavy duty hopper overlay kit (bottom & sides 3/16 T-1)
- 20.5. Mud flaps, anti- sail / anti – splash mounted ahead of rear wheels
- 20.6. Dumpster safety latches
- 20.7. Packer body under coated

21. HYDRAULICS

- 21.1. Hydraulic pump, front mounted vane pump operated at an idle
- 21.2. Hydraulic tank with sight gauge
- 21.3. Hydraulic filter
- 21.4. Reeving cylinder to pick up dumpsters
- 21.5. 1000 lbs. per yd³ compaction

22. ELECTRICAL

- 22.1. Strobe lights, two (Star Strobe model # 266TCL-A) mounted above the hopper directional and running lights, (2) 4” round strobe lights mounted in place of top reverse lights. Front strobe, oval in shape, mounted in a poly housing location would be top front center of packer body. Strobes wired to automatically turn on when truck is running (no on/off switch).
- 22.2. All wiring shall be protected from chafing and corrosion

23. COLOR:

- 23.1. Truck and body shall be painted white with green stripe to match present rubbish truck fleet. *Note, Minuteman Signs (207-622-4171) has the current color scheme codes, if so choose*

24. MANUALS:

- 24.1. 1 copy “Driver’s Manual”
- 24.2. 1 copy “Parts Book” complete with all accessories items
- 24.3. 1 copy “Shop Manual”

Note: Vehicles and accessories offered must conform to applicable Federal and State of Maine laws.

25. TRADE-IN:

25.1. 2008 Freightliner Rubbish Truck Model M2106V
Vin# 1FVAC3BSX8HAA5203 *city ID #730*

QUOTATION FORM

**RFSB No. 219075 - ONE (1) NEW 2020 HEAVY DUTY DIESEL POWERED 6X2 CLASS 8
RUBBISH TRUCK WITH PUSHER AXLE**

Date of Opening: Thursday, May 30, 2019 2 p.m.

A bid is hereby submitted on One (1) New 2020 Heavy Duty Diesel Powered 6x2 Class 8 Rubbish Truck with Pusher Axle for the City of Augusta, Bureau of Public Works in accordance with RFSB No. 219075 dated May 15, 2019 is as follows:

MAKE: _____ MODEL: _____

PRICE: \$ _____

Less Trade-In: 2008 Freightliner Rubbish Packer city ID#730 TRADE-IN: \$ _____

Less Municipal Discount \$ _____

NET TOTAL: \$ _____

Terms of Warranty: _____

DELIVERY DATE: _____

The City of Augusta reserves the right to accept or reject any or all bids, or portion thereof, or waive any technicalities or formalities deemed to be in the best interest of the City of Augusta.

The undersigned agrees to deliver equipment in accordance with specifications and at price quoted. Please enclose any exceptions to the bid specifications with this quotation form.

DEALER: _____

NAME & TITLE: _____
Please Print

ADDRESS: _____

E-MAIL ADDRESS: _____

DATE: _____ SIGNATURE: _____

The City of Augusta now has the ability to pay vendors via credit card, please let us know if this is an option, this will not be a factor in bid award. Yes or No (circle one)