

Town of Mansfield
Invitation to Bid
46,000 LB Dump Truck Chassis
Mansfield, CT

Sealed bids for a 46,000 lb. dump truck chassis to be used for road maintenance & snow plowing will be received by the Director of Finance of the Town of Mansfield at 4 South Eagleville Road, Storrs-Mansfield, CT 06268, until 2:00 p.m., July 15, 2014, at which time they will be opened and read. Specifications and bid forms may be obtained at the above address.

The Town reserves the right to reject any and all bids or to waive any defect, irregularities or informalities in the bidding.

Cheryl A. Trahan
Director of Finance

**SPECIAL INSTRUCTIONS
TO BIDDERS**

The attached specifications and bid form allow each bidder to substitute his own equipment specifications for those specified on the form. However, each bidder must fill in every space in the last column marked "Bidder's Proposal" or his bid will be incomplete. If the equipment you will supply is exactly as specified in the middle column marked "Specification", then please mark the proposal column with a check mark (\checkmark). If the equipment you will supply will have different features or specifications than described, then you must indicate what you propose to supply instead in the space in the last column. All spaces in the Bidder's Proposal column **MUST** be either checked or filled in with words.

As an example, consider the fuel tank for the dump truck chassis. If you will supply a 26 inch Aluminum 50 gallon tank on the left side, the bid would be filled out with a check:

BID ITEM	SPECIFICATION	(\checkmark) or BIDDER'S PROPOSAL
Fuel Tank	26" Al 50 gal LH U/C	\checkmark

On the other hand, if you will supply a single 60 gallon tank on the right side, the bid should be filled out in words:

BID ITEM	SPECIFICATION	(\checkmark) or BIDDER'S PROPOSAL
Fuel Tank	26" Al 50 gal LH U/C	50 gal. single tank on right side

The Town will consider all bids but reserves the right to reject any bids not meeting the minimum specifications and to reject any and all bids. Thank you for your bid. Please complete all items of the bid and bid form. Please call us if you have specific questions.

John Carrington
Director of Public Works

46,000 LB. DUMP TRUCK CHASSIS (COMPLETE)

This specification calls for furnishing one new, current production model 46,000 lb. GCW dump truck chassis for use in general road maintenance and snow plowing complete and ready for use as specified below. Bidder must complete every space under "Bidder's Proposal" with either a check mark (✓) to indicate the item being bid is exactly as specified or a description to indicate any deviation of the item being bid from the specifications. The Town may reject any bids not meeting the minimum specifications. The Town reserves the right to reject any and all bids and to waive any informalities in the bidding.

BID ITEM	SPECIFICATION	(✓) or BIDDER'S PROPOSAL
Vehicle	The truck chassis covered by these specifications is to be used for general maintenance, heavy snow plowing and winter sand & salt application. It shall be a new, current production model with a minimum advertised gross vehicle weight of 46,000 lbs. as specified below. Truck shall be equipped as specified below. Any additions, deletions or variations from the following specifications must be noted. Any items appearing in the manufacturer's regular published specifications furnished by the bidder are assumed to be included in the "Bidder's Proposal". Any additions, deletions or variations from the manufacturer's regular published specifications must be outlined in an attached letter.	Manufacturer: _____ Year: _____ Model: _____
Freight, Dealer Service & Preparation Charges	All freight, dealer service and other dealer charges shall be F.O.B. the Town Garage, 230 Clover Mill Road, Mansfield, CT and shall be included as part of bid price.	
Manuals (printed)	Bidder shall provide all manuals for the equipment provided, including electrical, in book form (printed media).	

BID ITEM	SPECIFICATION	(√) or BIDDER'S PROPOSAL
Warranty	Standard manufacturer's warranty must be provided and attached to this bid (consideration will be given to better warranties). Minimum 60 month/100,000 mile engine warranty. Extended engine warranty to include turbo charger, water pump, injectors and engine. No deductible. 5 year/200,000 miles.	Engine: _____ Chassis: _____
Front Axle	Minimum 20,000 lb. Dana Spicer 3.5 inch drop, PHP10 Iron LMS Hubs; Synthetic axle lubricant system	
Rear Axle	Minimum 26,000 lb. Dana Spicer S26-190, PHP10 Iron Hubs, Synthetic axle lubricant system. 6.14 Rear Axle; Traction Control	
Front Tires & Wheels	BR 20 ply 315/80 R22.5 M860 on Accur 29039 Plt 22.5 x 9.00 steel wheels pilot mount, 5 hand holes	
Rear Tires & Wheels	20 ply 315/80R 22.5 M843 on Accur 29300 Plt 22.5 x 9.00 steel wheels pilot mount, 5 hand holes	
Frame	10 - 3/4 " Steel Rails to 354" (3/8" Rail Thickness), 3 piece cross members 27.8" front bumper extension with crankshaft adapter plate & stationary grille	
Brakes	Front: Bendix Air Cam Front Brakes 16.5x 7 with Brake Dust shields Rear: Bendix Air Cam Drum Brakes, 16.5x7 Cam Brakes-Single axle dust shields; Parking brake; rear brake camshaft reinforcement; automatic slack adjusters Bendix 454M ABS; SBM Valve	

BID ITEM	SPECIFICATION	(√) or BIDDER'S PROPOSAL
Springs	Front: Taper leaf springs & shocks, 20,000 lb. Rear: Reyco 79KB Multi-leaf 26,000 lb. with 4,500 lb. Reyco helper springs	
Engine	Turbocharged diesel developing 350 hp@ 2,200 rpm and 1,000 ft-lbs. torque @ 1400 rpm manufactured by PACCAR. Engine shall have a high-efficiency cooling system, an aluminum flywheel housing, cruise control and an interface point for ESA and diagnostic tools meeting PACCAR J1939 provisions.	
	Engine shall be CARB compliant and certified as such that it meets the NOx idling standard.	
	18.7 CFM Air Compressor furnished on Engine with Teflon lined stainless steel braided compressor discharge line.	
	Engine shall have HO Belly Pan	
Exhaust Brake	Variable Geometry Turbo to provide 90-100 HP of retardation	
Fuel Filter	Spin-on, frame mounted filter with fuel/water separator	
Engine Protection Shutdown	Shall include oil pressure, oil temp, coolant temp & intake manifold temp.	
Air Cleaner	Radial seal/dry type with frontal air intake	
Fuel Tank	26" Al 50 gal LH U/C	
Alternator	12v-130 Amp, brushless w/voltage regulator. Alternator shall provide 80 amps at low engine RPM.	
Starter	12v	
Batteries	12v - two providing 2,000 CCA Threaded stud type terminal	
Battery Box & Pad	Aluminum battery box with Non-slip step mounted under cab on left side, rubber battery pad under battery, battery disconnect switch mounted on box.	

BID ITEM	SPECIFICATION	(√) or BIDDER'S PROPOSAL
Exhaust	Single exhaust Right side of Cab with full round stainless steel exhaust guard & curved tip standpipe	
Automatic Transmission	Allison 3000 RDS-P Rugged duty series with 6 speed close ratio gears. Rear transmission support, water/oil heat exchanger. Seat mounted removable T-Handle shifter. Transmission fluid, filter & clutch condition monitor including percent life remaining for transmission fluid, filter & clutches. Icon to indicate when service is needed. <u>Note: Location of shifter control MUST be shown to and approved by Town prior to truck order.</u> Five year extended warranty.	
	1710 HD driveline with single midship bearing	
	Auto neutral to activate with parking brake	
Air Dryer	Bendix AD-IS air dryer with heater Integrated system air dryer incorporating the functions of the air dryer, purge reservoir, wet air tank, press relief valve, single check valves and pressure protection valve with easy to service spin-on desiccant cartridge.	
Cab & Equipment	Aluminum cab 108" BBC, Metton Hood with Bright Crown and a RH door view window.	
cab materials	Aluminum side skins, aluminum rear skin, aluminum windshield mask, steel firewall, steel front floor sheet & steel isolator insert	
insulation	Thermal insulation to include thick, closed-cell foam in floor, mylar-faced foam in walls and roof.	
fender lips	Rubber fender lips (2.25 inches)	
driver's seat	Ultra ride high-back vinyl air driver seat, black	

BID ITEM	SPECIFICATION	(√) or BIDDER'S PROPOSAL
passenger seat	Ultra ride low-back vinyl passenger seat (non-air) with storage compartment under seat, black	
seat belts	3-point, driver & passenger	
cab interior	Vinyl padded headliner & back panels Doors with rubber insert 2 inside entry grab handles contoured arm rests 2 inside sun visors 2 coat hooks Rubber floor mats 2 cup holders; 2 12v power ports Header mounted dome light	
windows	Day cab rear window, standard tint Power windows with driver control	
Heat/A-C	Combination Fresh Air Heater and Air Conditioner Radiator mounted condenser, side window defrosters, bi-level heater/defroster controls, 54,500 BTU/HR, silicone heater hoses	
outside visor	Stainless steel outside sun visor	
mirrors	Stainless steel (7x16) heated. Convex mirror over RH Door 2 convex 8" SS mirrors, center mounted under mirror bracket, heated.	
horn	Air horn 24.5", chrome with shield mounted RH	
radio	AM/FM Radio with clock Antenna mounted on RH mirror bracket	
circuit breaker	Plug-in, auto-reset circuit breaker in place of fuses in junction box	
wipers	Electric wipers with intermittent setting	
Backup Alarm	107 dB	
Instrumentation	Trans oil temp, electric speedometer w/trip odometer, tach w/integral hour meter, volt meter, dual air pressure, engine oil pressure, water temp, fuel level	

BID ITEM	SPECIFICATION	(√) or BIDDER'S PROPOSAL
Body Wiring Kit	Wiring at back of cab at frame including sealed connectors for tail/turn/marker/backup/accessory power/ground and sealed connector for stop/turn.	
Warning Lights	High water temp, low oil pressure, low air pressure (with buzzers), high beam & turn signal indicators, parking brake warning light. Interaxle differential lockout warning light, inlet air heater and alternator charging system warning lights.	
Lights	Composite fender mounted with integral park, turn & side marker. 5 LED Marker Lights 1-6" spot light-round, halogen, LH 2 Dome reading lights	
Paint	Dupont 2 stage Basecoat/clearcoat School bus yellow - cab/hood Black-Frame White-wheels	
Miscellaneous Equipment	Minimum 5 lb. fire extinguisher, safety stickers & lettering at standard points of concern. Triangle kit.	
Parts & Service Capability	Bidder/manufacturer must be able to provide complete parts and service for the vehicle via a fully authorized dealer located not more than 50 miles from the Mansfield Town Garage.	

Town of Mansfield
46,000 GCW Dump Truck Chassis
Bid Summary

Bidder _____
Name of Firm

Authorized Signature _____ Date _____

Title of Person Signing _____

Firm Address _____ Telephone: _____

Seal
(if corporation)

Total Bid \$ _____
46,000 lb. GCW Dump Truck Chassis
complete & as specified