



THE CORPORATION OF THE CITY OF NIAGARA FALLS

REQUEST FOR QUOTATION – SUPPLY

RFT6-2020

**SUPPLY & DELIVERY OF
SINGLE AXLE DUMP TRUCKS**

SPECIFICATIONS

**ONE (1) NEW LATEST MODEL
17,000 LB G.V.W. 4X4 SINGLE AXLE TRUCK WITH DUAL WHEELS,
REGULAR CAB AND CONTRACTORS DUMP BOX & HOIST**

NAME OF COMPANY (DEALER): _____

ITEM/CATEGORY	CITY REQUIREMENTS	BIDDER TO STATE SPECIFICATIONS
Make		
Year	New	
Model	550 series or equivalent; 4X4	
G.V.W	17,000 lbs.(8000 kg) minimum, with DRW – if otherwise state.	
Cab	Standard cab.	
Plow Ready	Must have Plow Ready option.	
Box	See Specs.	
Engine	Gasoline V8 engine with approximately 420 ft./lb. torque at 4200 rpm. Must include pollution emission control as required by law.	
Fuel Efficiency		
Transmission	Heavy-duty 6 / 8 / 10 speed automatic overdrive transmission with cooler or equivalent.	
Cab to Axle	84" C.A.	
Wheel Base	State.	

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NAME OF COMPANY (DEALER): _____

ITEM/CATEGORY	CITY REQUIREMENTS	BIDDER TO STATE SPECIFICATIONS
Suspension	Heavy Duty Suspension STATE:	
Axles	Heavy Duty STATE:	
Steering	Power steering required.	
Air Cleaner	Shall be heavy duty dry type.	
Tires	Shall be steel belted tubeless type size 265R18. All-Season Tires Front and Rear.	
Splash Guards	One pair installed in front of and behind rear wheels.	
Brakes	Dual type hydraulic heavy duty ABS with parking brake.	
Electrical System	Shall be 12 volt system and have a heavy duty 70 amp hour battery with a 150 amp alternator suitable for two-way radio - if otherwise state. 110V AC engine block heater. 6 Switch Up-Fitter package. Suppression type wiring to eliminate ignition noise in two-way radio. Factory trailer package wiring harness. Must have in Dash electric brake controller in cab wired to 7 prong commercial plug at rear.	
Windshield Wipers	Shall be dual electric two speed, variable delay speeds.	
Windshield Washers	Dual windshield washers of type recommended by manufacturer	
Heater & Defroster	Heavy duty standard hot water type recommended by manufacturer	

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Seats	Heavy duty vinyl seats or equivalent Full width bench seat must be fully adjustable.	
Lights	<p>Shall be equipped with electric headlights, dome lights, combination stop, tail and backup lights, directional signals of four-way flasher type, together with all other lights as required by law for vehicles of this type.</p> <p>Shall be equipped with backup alarm. Taillights and clearance must be LED type.</p> <p>The supplier is not to cut or tap into any of the existing chassis wiring.</p> <p>All lighting and reflectors must meet current CMVSS.</p>	
Equipment	<p>Trailer hitch HD with Pintle type front bumper.</p> <p>Two outside rear-view mirrors, 7" X 16", type and must have full visibility to back sides of box.</p> <p>Water temperature indicator, turning signals, oil pressure indicator and alternator indicator.</p> <p>Power windows and locks.</p> <p>Anti-freeze to -40 degrees Fahrenheit.</p> <p>All standard equipment to be supplied as per manufacturer's features including AM/FM radio.</p> <p>Factory installed air conditioning with environment friendly refrigerant.</p>	

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Dump Body	<p>Contractors dump body</p> <p>Premium grade, 5083-H321 bright finish all aluminum dump body suitable for 84" cab to axle, or equivalent manufacturer.</p> <p>Inside length shall be 10.5 Feet.</p> <p>Outside width shall be Approx. 86" Shall only pultrude 2" on each side past outside of rear tires.</p> <p>Outside width of Box will depend on outside width of rear tires to the outside measurement of tires.</p> <p>Sides shall be 22" Stationary, 3/16" thick inside skin and 1/8" thick formed outside skin.</p> <p>Tailgate to be double acting with chains, approx. 26" high, 3/16" thick inside skin and 1/8" thick formed outside skin with 3" wide side members - to be manually operated with front controls; may be custom for debris attachment.</p> <p>Upper Tailgate Pins shall have Pull Lever Pin Disconnect.</p> <p>Rear corner posts to be formed with 3/16" outside and 1/4" inside material thickness.</p> <p>Sideboard gussets for 2 X 6 hardwood side boards.</p> <p>Floor to be 1/4" aluminum plate with 2/5" channels on 12" centers. Must be capable of Heavy Construction Debris weight.</p> <p>Side rail to be 4" X 1/4" formed.</p> <p>Front wall to be 3/16" thickness.</p>	
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	<p>Main frame to be aluminum 1/4" X 6" channel.</p> <p>Box to have six (6) flush mounted tie down rings located in dump body floor.</p> <p>Automatic Roll up mesh tarp controlled from in cab.</p> <p>Shall have heavy-duty hydraulic hoist with cab mounted controls. Min. payload weight 8 Ton. STATE: PTO with Hydraulic Pump off of Transmission is acceptable.</p> <p>Aluminum splash guards in front of wheels (ALL FASTENERS TO BE STAINLESS STEEL).</p> <p>Mud flaps at rear of wheels.</p> <p>Aluminum cab steps required on both sides - 300lb capacity.</p> <p>Stainless steel or aluminum hinges and hardware required where possible.</p> <p>One LED Star 16399 beacon Mini Bar light mounted on the center front of box, so it is visible from front and rear. Separate switches for Amber / Blue.</p> <p>Fuel filler mounted to provide easy access without raising dump body</p>	
Dump Box Hydraulics	<p>Pump assembly not to be mounted inside cab.</p> <p>Pump capacity and operating PSI in GPM's</p> <p>Hydraulic pump to have a protective cover, reservoir filter, magnetic drain plug & sight gauge in Tank.</p>	

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	SAE 100 R1 minimum rated hydraulic hosing required. Hosing routed and secured for no rubbing. Transmission mounted Pump is acceptable.	
Filters	Complete set of spare filters for vehicle and hydraulics to be supplied.	
Dump Box Warranty	Warranty period to be 1 year minimum, for parts, labor, service, delivery, and charges.	
Mfg.'s Warranty	Minimum 5 year corrosion warranty. Minimum 3 year bumper-to-bumper. State powertrain warranty.	
Paint	Cab to be painted manufacturer's white	
Service	Service and parts must be available within a fifty (50) mile radius of the City of Niagara Falls.	
Manuals	Operators and service manuals and line ticket must be supplied with vehicle. Manuals on CD acceptable Diagnostic software	
Delivery	Meeting to be scheduled with dump box manufacturer before proceeding with building of dump box. Delivery to be made to the Municipal Service Centre, 3200 Stanley Avenue, Niagara Falls, Ontario. Weight slip to be supplied upon delivery of vehicle time from date of order.	
License	To be supplied by municipality.	