



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
14,500 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	450 series or equivalent; 4X4	
G.V.W	14,500 LB 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 400 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	60" C.A.	
Wheel Base	State.	

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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 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.	
Seats	Heavy duty vinyl seats or equivalent Full width bench seat must be fully adjustable.	

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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. 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. 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>	
Dump Body	<p>Contractors dump body Premium grade, 5083-H321 bright finish all aluminum dump body manufactured by Eloquip. Ltd. Model and suitable for 60" cab to axle, or equivalent manufacturer.</p>	

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	<p>Inside length shall be 8.5 Feet Outside width shall be approx.86" about 2" past outside width of rear tires on each side. Box width could change depending on outside width of outside measurement of rear tires.</p> <p>Sides shall be 18" fold down with stainless locking handles, 3/16" thick inside skin and 1/8" thick formed outside skin.</p> <p>Side hinges shall be made of 5/8" thick plate, complete with full width tie down tube - stops to be installed when sides are dropped down.</p> <p>Tailgate to be double acting with chains, 24" 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>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.</p> <p>Side rail to be 4" X 1/4" formed.</p> <p>Front wall to be 3/16" thickness.</p> <p>Main frame to be aluminum 1/4" X 6" channel. Box to have six (6) flush mounted tie down rings located in dump body floor.</p>	

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	<p>Roll up mesh tarp with hand crank mounted at a suitable height to be operated from the ground will be installed - guards required on any pull, belts, chains, etc Automatic Tarp Preferred.</p> <p>Shall have heavy-duty under body electric/hydraulic hoist with cab mounted controls - power up and down. PTO with Hydraulic Pump off of Transmission is acceptable.</p> <p>Supply and install one stationary cabinet between truck cab and dump box, pre-build meeting. Cabinet to be aluminum construction using 3/16" 5083 grade aluminum. Cabinet top to be level with roof of cab and bottom to be level with lower edge of cab and same width of cab. Cabinet to be approximately 16" wide. Cabinet will come with cam lock mechanism, keeping door closed tightly top and bottom, with key locking mechanism. Minimum two through shelves.</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 – 300 lb. capacity Stainless steel or aluminum hinges and hardware required where possible.</p> <p>One LED Star 16339 beacon Mini Bar light mounted on front center of box visible from front and rear. Separate switches for Amber / Blue. Fuel filler mounted to provide easy access without raising dump body.</p>	

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Dump Box Hydraulics	Pump assembly not to be mounted inside cab. Pump capacity and operating PSI in GPM's Hydraulic pump to have a protective cover, reservoir filter, magnetic drain plug & sight gauge. MUST PROTECTIVE COVER OVER PUMP SAE 100 R1 minimum rated hydraulic hosing required. Hosing routed and secured for no rubbing. Transmission mounted Pump is acceptable.	
Filters	Supply complete set of spare vehicle and hydraulic filters.	
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.	