



THE CORPORATION OF THE CITY OF NIAGARA FALLS

REQUEST FOR QUOTATION

**RFQ32-2019
SUPPLY & DELIVERY OF ONE (1) NEW LATEST MODEL
ONE TON DUMP TRUCK WITH CRANE**

SPECIFICATIONS

NAME OF COMPANY (DEALER): _____

ITEM/CATEGORY	CITY REQUIREMENTS	BIDDER TO STATE SPECIFICATIONS
Make		
Year	New	
Model	450 series or equivalent	
G.V.W	14,000 lbs. minimum – if otherwise state	
Cab	Standard 5 passenger, 4-door crew	
Box	Aluminum dump Box Approx. 8.5 Ft.in length.	
Engine	Gasoline V8 engine with approximately 350 ft./lb. torque at 4200 rpm Must include pollution emission control as required by law	
Fuel Efficiency		
Transmission	Heavy-duty 6 /8 speed automatic overdrive transmission with cooler. STATE:	
Cab to Axle	84" C.A.	
Wheel Base	State -	
Suspension	State -	
Axles	State axle capacities. Heavy duty shock absorbers front	
Steering	Power steering required	
Air Cleaner	Shall be heavy duty dry type	

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Tires	Shall be steel belted tubeless Radials type Front highway tread and rear tires being snow and mud tread dual rear wheels - if otherwise state	
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 Equipment with Up-fitter Switches 110V AC engine block heater Factory trailer package wiring harness Must have 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	
Lights	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 Shall be equipped with backup alarm	

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	<p>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 with Pintle type. Front bumper, two outside rear-view mirrors, 7" X 16", West Coast 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>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 Power windows.</p> <p>AM/FM with Blue Tooth.</p>	
Dump Body	<p>Contractors dump body</p> <p>Premium grade, 5083-H321 bright finish all aluminum dump body manufactured by Eloquip Ltd. Model #AA60149 and suitable for 84" cab to axle Leaving space between Cab and Box for Knuckle Crane.</p> <p>Inside length shall be 8' Outside width shall be 96"</p>	

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	<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</p> <p>Box to have six (6) flush mounted tie down rings located in dump body floor</p> <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</p>	

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	<p>any pull, belts, chains, etc.</p> <p>Shall have heavy-duty under body electric/hydraulic hoist with cab mounted controls - power up and down Rake and Shovel holders built in front of Box.</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>Two LED Star 16031 beacon lights mounted left side front of box and one on cab roof.. Star LED series mini bar. 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>Hydraulic Pump to be mounted to engine and Belt Driven. State if different.</p>	
Crane	<p>Knuckle Crane to be mounted between Cab and Dump Box. Equivalent to F 22A.21 Palfinger preferred manufacturer.</p> <p>Capacity of 2.1 Tons and outreach of 4.4 M and can extend out to 26 ft and pick up 430 lbs fully extended.</p>	

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	Two arm with telescopic extensions. Must be able to lift object from ground to the inside of Box. Easy success controls from both side of unit. Main crane column height should above front of Box and rotate controlled by lever. Right and Left hydraulic support Legs. Please describe crane being offered. .	
Storage Boxes	Right and Left Side Aluminum Storage Boxes Approx. 34" wide, 20" height and 19" deep with drop down door with stainless hinges and latch.	
Safety Cone holders	Two Cone holders	
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	

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Delivery	<p>Meeting to be scheduled with dump box manufacturer before proceeding with building of dump box</p> <p>Delivery to be made to the Municipal Service Centre, 3200 Stanley Avenue, Niagara Falls, Ontario</p> <p>Weight slip to be supplied upon delivery of vehicle time from date of order</p>	
License	To be supplied by municipality	