



2020

Hydro-Vac Truck Tender

Competition #FLE-2020-03

INVITATION TO TENDER

The City of Weyburn (the “City”) invites prospective respondents to submit quotations for the supply and delivery of one (1) new or demo unit (2019 or 2020 model year) hydro-vac truck, as described in Appendix A. The City requires one (1) hydro-vac truck equipped with a boiler for heated water capability. This unit is expected to perform a variety of hydro-excavation operations in all weather conditions. This unit shall consist of a Positive Displacement (PD) blower vacuum system, a hydraulically driven high pressure water pump, an enclosed, sealed body for storage of collected debris and be equipped with a self-contained water supply as the source for the water pump system.

Completed copies of the Tender must be submitted in a sealed package addressed to the following:

FLE-2020-03 Hydro-Vac Truck Tender

Attention: Office of the City Clerk
City of Weyburn
157 - 3rd Street NE
Weyburn, SK
S4H 2K6

by **1:00 p.m. CST on Thursday, September 17, 2020**. Tenders received after this time will be rejected. Tenderers must have their full business name and mailing address clearly marked on the outside of the envelope.

Tenders will be opened at **1:30 p.m. on Thursday, September 17, 2020** at Weyburn City Hall.

Electronic copies must be submitted (in addition to physical copies required) to rfp@weyburn.ca.

Tenders **must** be submitted on the forms provided.

The City of Weyburn reserves the right, in its sole discretion, to reject any or all Tenders, or accept the Tender deemed most favorable in the interests of the City. The lowest or any Tender will not necessarily be awarded.

Tenders not submitted in accordance with these instructions or not otherwise meeting the requirements may be rejected.

Questions regarding this Tender should be directed to:

Todd Bedore
Superintendent of Public Works
(306) 848-3294 or email tbedore@weyburn.ca

CONDITIONS

- (1) Specifications are listed; unless “required” is indicated, the blank can used to state what is available. If additional space is required to properly describe the equipment, use the bottom of the sheet or the back of the sheet. If you are unable to supply as listed, *mark it as such*.
- (2) The following specifications are minimum requirements and the supplier must provide a new unit in current production with matched components for efficient operation according to manufacturer's ratings. Accessories not specifically mentioned herein, but necessary to furnish a complete unit ready for use shall also be included.
- (3) All prices are to be quoted in Canadian funds and include duties, handling, levies, transportation, delivery, dealer preparation and all other charges. PST and GST are to be shown separately; include GST registration number on Form of Tender.
- (4) At the time of delivery, the City shall be supplied with one (1) service manual, one (1) parts manual and one (1) operator’s manual each in hardcopy format, along with any available electronic copies.
- (5) The City of Weyburn is offering for trade a 2007 Vactor Sterling chassis, with a C7 Caterpillar engine and Allison automatic transmission.
Approximately 55,730 km and 11,160 hours recorded (as of Aug. 27, 2020).
Viewing can be arranged by contacting the Public Works office at 306-848-3290.
- (6) For the purposes of this tender the bidder shall be deemed to have satisfied themselves as to the sufficiency of the Tender and the terms and prices stated therein.

TENDER EVALUATION

Tenders will be evaluated by City of Weyburn Fleet Services in order to provide a purchase recommendation to City Council.

The following methodology will be utilized to evaluate Tenders received:

• Compliance with Tender Instructions	10%
• Price	40%
• Delivery Time	10%
• Meeting Specifications	40%
Total	100%

During the evaluation process, the City, at its sole discretion, may request additional clarification or supplemental information from bidders.

SPECIFICATION SHEET

All items as listed are considered **minimum** requirements unless otherwise indicated:

Category	Compliance		Option or Alternative
	Yes	No	
CAB AND CHASSIS			
Unit supplied to be a standard production model (2019 to 2021)			
Single Engine Tandem axle combination sewer cleaner and Hydrovac			
Comply with Federal and Provincial regulations at time of delivery			
Diesel Engine to meet federal and provincial emission standards			
Low oil pressure and high coolant alarm with audio			
Full air brake system to be supplied			
Air suspended conventional cab, set back from axle with forward tilting hood			
Vinyl Seating and rubber floor			
Exterior grab handles for driver and passenger entry and exit			
Power windows and locks			
All shop manuals and wire schematics to be provided digitally			
HOSE REEL AND CONTROLS			
Front mounted minimum 600' capacity, 15" hydraulic extension			
Reel manufactured out of 1/4" spun steel material			
Mi600x 1" plastic sewer hose, 2500 psi working/6250 psi burst pressure			
An adjustable 1" rotating swivel joint with replaceable seals in the inlet line			
Hydraulic motor driven, double row sprocket and chain drive			

Category	Compliance		Option or Alternative
	Yes	No	
HOSE REEL AND CONTROLS			
Controls on one side ; Oil dampened water pressure gauge, directional control valve, variable reel speed control, water on/off valve, boom pendant control plug-in, hose extend control, vacuum relief switch, throttle control, Aux. engine controls and gauges.			
1" x 3' leader hose			
Flexible hose guide			
BOOM			
180° hydraulic rotation, front mounted boom with 7" vacuum system - rubber reinforced suction hose, anchored steel pipe and 70° elbow			
Boom's hydraulic power will be supplied by the chassis P.T.O. driven hydraulic pump.			
Electric-over-hydraulic system (up/down/left/right)			
Boom pendant control with 35' of cable with emergency switch to eliminate power to the boom			
Boom is secured at front bumper			
Cab protection, mounted on unit sub-frame			
Boom cradle for boom while in transit			
Rapid deployment boom - 15' capacity below grade.			
DEBRIS BODY			
10 cubic yard volumetric capacity			
Manufactured from corrosion and abrasion material minimum 3/16" thickness			
Minimum yield point of 50,000 psi, minimum tensile strength of 70,000 psi			
Cylindrical design, 3/16" thickness, 1/4" dome head and rear door			
(2) 10" ports with stainless steel ball float shut-off, includes high impact , non-corrosive screens			
Debris body mechanical three position load level indicator located at curbside			

Category	Compliance		Option or Alternative
	Yes	No	
DEBRIS BODY			
Top hinged rear door with (4) external pin and socket type locking mechanism and lower hydraulic grabber arm			
One piece continuous, replaceable neoprene seal			
6" drain pipe with single perforated steel strainer and 10' lay flat drain hose			
DEBRIS BODY DUMPING			
Front, external mounted, trunnion style, power up/power down, hydraulic dump cylinder			
50° debris body dump angle			
Dump controls located at central curbside position, behind truck cab			
VACUUM SYSTEM			
Single 38" centrifugal fan			
1/4" aluminum with hard chrome plated cast aluminum radial blades riveted in place			
1/4" spun steel housing with 2" drain, plumbed below water tank			
Pendant controlled vacuum relief valve (system located prior to fan inlet)			
VACUUM SYSTEM DRIVE			
Fluid coupler drive system			
1.6 step-up transmission			
Splash lubrication for gears and bearings			
VACUUM SYSTEM DRIVE ENGINE			
Single engine drive system			
VACUUM SYSTEM PICK-UP HOSE			
Connection between body and vacuum system are self-adjusting pressure fit type			
Vacuum system hose and boom assembly will not raise with the debris body			

Category	Compliance		Option or Alternative
	Yes	No	
VACUUM SYSTEM PICK-UP HOSE			
Standard pipe package: (1) 8" x 3' flanged aluminum pipe, (2) 8" x 5' flanged aluminum pipe, (1) 8" x 6'6" aluminum catch basin nozzle with steel reinforced tip, (4) 8" quick clamps			
WATER PUMP SYSTEM			
The water pump will be set up to produce 60 gpm/2000 psi water system			
Water pump has a rated capacity of 100 gpm or 2500 psi			
Pump will have "jackhammer" action			
Water pump will have a flooded suction intake line			
Water pump can run without water for 30 minutes			
Hydraulic pressure relief set at 2000 psi			
Water pump is hydraulic driven, double acting, single piston water pump design			
(2) SAE#8 drain plugs are located in the bottom of pump for draining			
An electric switch is located at the front hose reel for water pump on/off			
The water pump may be shut-down at any speed			
A catch basin wash down system rated 2000 psi adjustable spray handgun with 1/2" x 50' hose			
Mid-ship handgun quick-connector with shut-off valve			
WATER TANKS			
1000 gallon capacity			
Multiple cylindrical, aluminum water tanks with baffles			
Tanks are separate from debris body			
Located at frame level behind cab and over rear axle			
Curbside water level gauge			
4" Anti-siphon device (air gap)			
Anti-splash valve located at water fill			

Category	Compliance		Option or Alternative
	Yes	No	
WATER TANKS			
2" Y-filter at water fill, 80 mesh stainless steel strainer			
2.5" x 25' water fill hose with hydrant connector			
Water tanks are vented			
2" tank drains at low point in tanks			
HYDRAULIC SYSTEM			
67 gallon capacity reservoir with a baffle			
A sealed inspection port, for tank clean-out			
Replaceable suction line strainer			
10 micron spin-on type return line filter			
Sight glass for hydraulic oil level			
Fill port breather cap			
ELECTRICAL			
The entire electrical system will be vapor sealed to a NEMA 4 standard			
All electrical connections will have no exposed wires or terminals			
Lights are shock mounted			
Wiring is color coded			
BOILER			
420,000 BTU			
MISCELLANEOUS			
Mud flaps			
Aluminum tool box located under auxiliary engine (varies)			
Circuit Breakers			
30° sanitary nozzle with tungsten carbide inserts			
15° sanitary nozzle with tungsten carbide inserts			
Nozzle pipe extension			
Auto Lubricating System			
Wireless Remote control			
Cold weather package			
Back Up Camera and Alarm			

Please List in detail all warranty provisions.

Please list in detail in extended warranty options including price

BID FORM – 2020 HYDRO-VAC TRUCK

ITEM	EXPLAIN
Bid Price as per Specifications	\$
Less: Discount (if applicable)	\$
Subtotal	\$
Plus: 6% PST	\$
Plus: 5% GST	\$
Net Cost of Delivered Unit (without trade-in)	\$
Bid Price as per Specifications	\$
Less: Discount (if applicable)	\$
Subtotal	\$
Less: Trade-in (2007 Sterling Vactor)	\$
Subtotal	\$
Plus: 6% PST	\$
Plus: 5% GST	\$
Net Cost of Delivered Unit (if trade-in accepted by the City)	\$

FORM OF TENDER

I/We, _____, hereinafter called the “Supplier”, hereby undertake to deliver to the City of Weyburn, hereinafter called the “City”, the goods and/or services described at the prices shown herein, within _____ days of acceptance of this tender by the City, delivered to the City Public Works/Parks yard, #55 Sixteenth Street, Weyburn, Saskatchewan. Prices are to include all charges including duty and excise tax, PST and GST, for delivery in Saskatchewan.

The Supplier agrees to replace any goods found to be defective or that fail to meet the Specifications herein by reason of poor material, design, faulty workmanship or transport damage.

Any dispute arising out of the acceptance of this tender shall be decided by the Director of Engineering, the City Manager or City Council, in that order, and the supplier agrees to these arrangements.

SIGNED THIS _____ DAY OF _____, 2020

COMPANY _____

GST REG # _____

ADDRESS _____

PHONE _____

FAX _____

EMAIL _____

NAME _____

PLEASE PRINT

SIGNATURE _____

Appendix A

Trade-in Vehicle Details



Year: 2007	Make: Sterling Chassis
Model: 2110J4 Fan Combo	Serial No: 07-04V-10428
Caterpillar C7 Engine	Allison Automatic Transmission
Mileage: 55,730 km*	11,160 Hours*

* Current as of Aug. 27