



2024 TENDER

PURPOSE: 4WD Tractor Backhoe

CLOSING DATE:

11:00 am on Wednesday, July 10, 2024

SEALED TENDERS TO BE SUBMITTED TO:

Scott McLeod, Public Works Manager
MUNICIPAL OFFICE
MUNICIPALITY OF ARRAN-ELDERSLIE
1925 BRUCE ROAD 10, P.O. BOX 70,
CHESLEY, ONTARIO N0G 1L0
519-363-3039 ext. 115

LOWEST OR ANY TENDER NOT NECESSARILY ACCEPTED

PROCUREMENT SPECIFICATION

Supply and Delivery of one (1) 4WD Tractor Backhoe with Front End Loader.

Proposals are invited and will be received for the supply and delivery to the Chesley Works Garage of one (1) 4WD Tractor Backhoe with Front End Loader.

1. General

- 1.1 It is the intent of these specifications to describe a Tractor Backhoe in sufficient detail to secure bids on comparable equipment. This specification is a guide and bidders may quote on additional options if they consider it in the interest to the Municipality.
- 1.2 Proposals are to state a firm delivery date from the date the proposal is approved by Council.
- 1.3 The successful bidder will be required to instruct operators and mechanics in the safe operation and maintenance of the machine at no additional cost to the Municipality.
- 1.4 The Municipality reserves the right, at its own discretion, to accept or reject any proposal and that the lowest or any quotation will not necessarily be accepted. The bidder understands that fundamental to this competition is the selection of a proposal that, in the Owner's opinion, is in the best interest of the Owner.

2. Proposal Evaluation

- 2.1 In arriving at a decision on the successful bidder the following criteria will be used to assess all bidders:
 - Quoted Price
 - Conformation with specifications
 - Whole life owning and operating costs
 - General quality and performance of product
 - Service and parts back up
 - Operator comfort and ergonomics

3. Proposal Evaluation

- 3.1 The following priorities will be placed on the criteria listed above.
 - **Quoted Price (30%)** - Preference will be given to the lowest whole life cost submitted, meeting the specifications.
 - **Conformation with Specifications (50%)** - Preference will be given to bidders fully complying with or exceeding the specifications.

- **Experience (5%)** - Preference will be given to bidders with a proven history of supply/manufacture and continuous product improvement.
- **Service Back-Up (5%)** - Preference will be given to bidders with a proven history of service, parts, back up and warranty provisions.
- **Operator Comfort & Ergonomics (10%)** - Preference will be given to bidders that provide a product that is designed based on human engineering principles.

4. Closing of Proposals

Proposals must be submitted no later than **Wednesday, July 10, 2024 at 11:00 a.m.**

Proposal submissions must be received in a sealed envelope to the attention of:

4WD Tractor Backhoe with Front End Loader
 Scott McLeod, Manager of Public Works
 Municipality of Arran-Elderslie
 1925 Bruce Road 10
 Chesley, ON N0G 1L0

Before being accepted, the proposal envelope will be marked by a municipal representative with the time and date that the envelope was received. The use of the municipal drop box, mail or courier for the delivery of the Proposal will be at the risk of the bidder. Delivery by the postal authorities or the courier before the above-mentioned closing time to a location other than the specified location at the Municipal Office will not be regarded as delivery to the municipal representative before the said closing time. **Faxed, e-mailed, and/or late proposals will not be considered and will be returned unopened.**

Please direct any proposal inquiries to:
 Scott McLeod, Manager of Public Works
 519-373-9781
 Email: smcleod@arran-elderslie.ca

Name of Company	
Address	
Postal Code	
Contact telephone	
Contact fax	
Contact e-mail address	
Contact Person	

Equipment Specifications

SPECIFICATION SUMMARY	SPECIFY
MAKE & MODEL	Year:
	Make:
	Model:
S.A.E. Maximum digging depth – feet	
Loader bucket capacity – cubic yards	
S.A.E. operating weight – lbs/kg	
Engine, diesel turbocharged 92 net Peak HP	
Torque converter Power Shift Transmission	
Overall width less loader bucket - inches	
Overall height to the top of the cab – feet/inches	
Overall height to the top of closed boom – feet/inches	
TYPE	
The unit shall be designed as an integral industrial backhoe loader with a backhoe, but not a tractor fitted with a loader and a backhoe.	YES NO
ENGINE	
Diesel powered, 92 Net Peak Power (ISO9249) @ 2000 RPM, Tier 4 certified minimum.	Model:
	H.P.:
Net torque 310 lb-ft. Minimum	Specify:
Displacement – Litres	Specify:
Turbocharged	YES NO

POWER PLANT PARTS		
Air cleaner – dry type, two stage with restriction indicator shall be supplied	Specify:	
Oil filter - removable element type	Specify:	
Dual maintenance free 12V batteries. Minimum output of 850CCA each	Rating:	
Alternator 140 amp. Minimum	Rating:	
Fuel Filter - shall be supplied	YES	NO
Engine hour meter, water temperature gauge, fuel gauge and tachometer shall be supplied. Monitor system and/or gauges with audible and visual warnings for all other functions	YES	NO
Foot accelerator shall be supplied	YES	NO
Cold weather starting aid	YES	NO
Pressurized liquid cooling system with thermostat and coolant recovery bottle. Anti-freeze -35 degrees F shall be supplied	YES	NO
Engine Coolant heater to be supplied	YES	NO
WEIGHT		
SAE Operating weight – 17200lbs (7818kg) minimum with ROPS cab and equipment specified (without ballast in tires or loader bucket)	Specify:	
TRANSMISSION		
The transmission shall be full Hydraulic power shift with torque converter	YES	NO
Number of forward and reverse gears	FWD:	
	REV:	
Maximum transport speed or road speed	Specify:	
Clutchless reversing shall be supplied by means of full powershift and torque converter.	Specify:	
AXLES		
Front axle load rating (static) lbs/kg	Specify:	
Automatic release differential lock engageable on the go, and under full engine rpm	YES	NO

Electrical front wheel drive engageable on the go	YES	NO
Fenders on front wheels	YES	NO
Equipped with ride control	YES	NO
STEERING		
Full power steering, shock resistance and easily operated by the operator whether sitting. Emergency dead engine steering capability	YES	NO
Bucket clearance circumference maximum without brakes applied and Front wheel drive engaged (feet)	Specify:	
BRAKES		
Wet disc all hydraulic service brakes, self-adjusting and self-equalizing shall be supplied	YES	NO
Parking brake supplied independent of service brakes and should engage automatically when the engine shuts down	YES	NO
When activated, the park brake shall neutralize the transmission	YES	NO
Parking/secondary brake shall be of sufficient design to hold weight of machine on slope	YES	NO
Parking brake shall have an indicator light and audible warning	YES	NO
TIRES		
Tires shall be Radial	Brand:	
	Model:	
Front tires shall be 10 ply minimum	Size:	
Rear tires shall be 10 ply minimum	Size:	
FRAME		
Vehicle frame feature a single-piece weldment, full-length unitized main frame	YES	NO
Shall have two front and one rear built-in transport tie-downs	YES	NO

CAB		
An enclosed weather-proof deluxe steel cab provided with dual side door openings for easy access to the driver's seat, with tinted safety glass, latched windows, lockable cab doors, and including sound suppression with maximum dBa rating of 79 dBa.	YES	NO
A roll over and falling objects protective structure shall be incorporated into the cab. (SAE J 1040, J 1043 or J231)	YES	NO
Seat - adjustable, air-suspension, turnable deluxe fully padded with a shock resistance device, lumbar support and adjusting armrests	YES	NO
Audible alarm shall sound if the operator turns the seat to the backhoe position while FNR lever in gear	YES	NO
Seat belts as per SAE J396 shall be supplied	YES	NO
Heater - a cab heater, pressurizer ensuring operator's comfort at various outside temperatures. Heater rating BTU/Hr.	Specify:	
Factory installed Air Conditioning with output rating of BTU	Specify:	
Windshield wipers front and rear supplied	YES	NO
Lockable vandal protection supplied for all liquid fill openings	YES	NO
Interior Rear-view mirror supplied	YES	NO
Two outside rear view mirrors	YES	NO
All controls shall be easily reached and operated from a sitting position	YES	NO
Grab bars – one on each side mounted outside cab	YES	NO
With bucket fully raised there shall be an exit from either side of the cab	YES	NO
Slow Moving Vehicle rear warning emblem securely mounted on the tractor supplied	YES	NO
LOADER BUCKET		
Hydraulic front loader coupler capable of switching loader/bucket attachments controlled by a switch in the cab easily accessible to operator	YES	NO
Hydraulic Clamshell Material Bucket with bolt on cutting edge (reversible).	YES	NO
Capacity - yd ³ /m ³	Specify:	

Width shall be adequate to clear the rear tread width	Specify:	
Loader lift capacity minimum to the full height with bucket (lbs/kg)	Specify:	
The cutting-edge clearance height when the bucket is dumped at 44° with attached bucket (feet/m)	Specify:	
Dump reach at full height (inches)	Specify:	
LOADER FRAME AND LIFT ARMS		
The frame and lift arms made of heavy duty welded construction	YES	NO
All swivel points equipped with replaceable hardened steel bushing	YES	NO
Linkage self-leveling with bucket position indicator	YES	NO
LOADER CONTROLS		
The control valves shall be located so that these are easily accessible to the operator when loading or using the backhoe and provide good visibility of the bucket from all positions	YES	NO
Transmission disconnect button on loader control lever supplied	YES	NO
An automatic bucket leveler return to dig and float position supplied	YES	NO
BACKHOE OPERATING DIMENSIONS – ENTER SPECS		
Digging depth; with a 2-foot flat bottom trench (feet)	Specify:	
Reach from center of swing mast pivot pin to the supporting surface of the bucket teeth at ground (feet)	Specify:	
Loading height (feet) extended	Specify:	
Extendable dipper stick fabricated utilizing an' external box' design to protect the dipper stick section from damage and reduce contamination on the slide surfaces	YES	NO
BACKHOE OPERATING CAPACITY – ENTER SPECS		
The dipper lift capacity at the rated dump height, fully extended, measured at the bucket hinge pin, on the machine centerline, using the dipper cylinders (lbs/kg)	Specify:	
Maximum dump height (feet)	Specify:	
Digging force with bucket cylinder lbs/kg	Specify:	

Swing arc degrees	Specify:	
Two lever pilot control	YES	NO
Control pattern switch will be located in the cab	YES	NO
Degrees of Backhoe Bucket Rotation	Specify:	
BACKHOE STABILIZERS		
Two hydraulically operated outriggers with reversible pads and lockouts in stabilizers (both up and down)	YES	NO
Rubber pavement pads on one side shall be supplied	YES	NO
Operating stabilizer spread (feet/inches)	Specify:	
BACKHOE EQUIPMENT		
Automatic hydraulic swing brakes or cushioning supplied	YES	NO
The backhoe shall be entirely hydraulically controlled with separate cylinders to control the bucket, boom, thumb, tilt ditching bucket and extend-a-boom	YES	NO
Backhoe boom lock shall be controlled from the cab	YES	NO
BACKHOE ATTACHMENTS		
48" in Pallet Forks shall be supplied front mount hydraulic quick attach style, lift capacity. lb/kg	Specify:	
Rear manual, quick coupler feature to pick up and attach rear buckets and other attachments shall be supplied	Specify:	
Hydraulic rear thumb attachment. Type/Model	Specify:	
Rear 24" Bucket shall be supplied with 5 replaceable teeth. Make/Model	Specify:	
48" Ditching bucket with reversible cutting edge. Make/Model	Specify:	
HYDRAULIC SYSTEM		
Gear or piston type pumps shall be heavy duty continuous operating type, with hydraulic cooler to facilitate operation of backhoe, loader, and any attachments. Rated capacity of U.S.G.P.M. (L/min)	Specify:	
Aux Hydraulics- flow controlled and reversible	YES	NO

Outlets plumed externally on front bucket and rear stick with a manual diverter valve which enables the switch between thumb and tilt bucket attachments	YES	NO
COUNTERWEIGHTS		
The counterweights recommended by the manufacturer for efficient operation of the extendable extend-a-hoe and attachments shall be supplied	YES	NO
Weight rating for front counterweights (frame and wheels)	Specify (kg):	
PAINT		
Manufacturer's standard colour	Specify:	
RADIO		
AM-FM Radio with Bluetooth supplied	YES	NO
BACK UP ALARM		
To operate automatically when shift lever is placed in reverse	YES	NO
OPERATING INSTRUCTIONS		
An Operator's Manual supplied	YES	NO
LIGHTS		
LED work lights, front and rear. Type, number and location	Specify:	
Two rear stop and taillights, two front and two rear turn signal lights, two rear reflectors, instrument panel light and cab dome light with separate switch	YES	NO
Beacon to be mounted for visibility from front and rear. Amber and Blue Lens.	YES	NO
Deluxe lighting package for additional work lights – side mount, supplied	YES	NO
	Number:	
WARRANTY		
Manufacturer's full machine warranty for 12 months with unlimited hours covering parts and labour shall be supplied. Travel also to be included for the entire first 12 months.	Specify:	
	Specify:	

Signed detailed outline of warranty duration and coverage must be supplied	YES	NO
PRODUCT SUPPORT		
Parts list and service manual supplied	YES	NO
Dealer must have service location within 150 kilometers of the Municipality of Arran-Elderslie	YES	NO

PROVISIONAL TRADE-IN DETAILS		
The Municipality reserves the right not to proceed with any trade in offer and to purchase the new Backhoe as tendered for the tendered unit price plus HST.		
2005 New Holland LB 75B Tractor Backhoe VIN# 31052207 7,520 approximate hours This unit can be viewed at the Elderslie shop located at 1925 Bruce Road 10, Chesley, by making prior arrangements with the Manager of Public Works.		

**THE CORPORATION OF THE MUNICIPALITY OF ARRAN-ELDERSLIE
SUPPLY AND DELIVERY OF A 4WD TRACTOR BACKHOE**

Product Acceptance:

The machine that is supplied will meet or exceed the following specifications and be designed and manufactured to meet the general and special work requirements of the Municipality.

The machine will include all parts or components not specifically mentioned yet which are deemed standard and necessary to provide a complete unit, serviced and ready to work.

The machine shall be new, current year, manufacture incorporating the manufacturers' latest design and production standards.

Upon delivery the machine will be inspected for compliance to order description. Any deficiencies will be required to be corrected before payment is approved or an appropriate credit adjustment is agreed upon.

We understand from the above Specifications and agree to provide the equipment (exclusive of optional prices, extended warranties and trade in allowance) for the total sum below.

Schedule of Items and Prices

Details of Equipment	
Year:	Make:
Model:	
Delivery Date:	
Trade in Allowance for 2005 New Holland LB 75B Tractor Backhoe *May be removed at the discretion of the Municipality and with the option for the Municipality to sell private*	\$
Cost for One (1) delivered 4WD Tractor Backhoe Loader with standard warranty as specified herein (excluding applicable taxes) <u>STANDARD WARRANTY:</u> <ul style="list-style-type: none"> ▪ Attach a detailed statement of term and coverage for backhoe and equipment ▪ Shop service manual(s) shall be supplied 	\$
Applicable Taxes (HST)	\$
Total (Including Taxes)	\$

Company Name: _____

Authorized Representative: _____

Signature: _____

Date _____