



**Municipality of Huron East
2018 Capital Procurement**

**HE-06-2018
One New Four Wheel Drive
Loader Backhoe**

Closing date: May 25, 2018 at Noon



Municipality of Huron East

INFORMATION TO BIDDERS DOWNLOADING THIS DOCUMENT

Bidders downloading this document from the Municipality of Huron East website must register with the Public Works Department to be added to the Bidders list. Interested Bidders are required to complete the information below and return this form via fax or email to:

Fax: 519-527-2561

bmills@huroneast.com

Bidders who do not register may not receive any additional information or addenda relating to this project.

Bidder Registration Form

Company Name: _____

Address: _____

City: _____

Contact Name: _____

Phone Number: _____ Fax Number: _____

Email Address: _____

Project Name: **HE-06-2018 - Loader Backhoe**



Fax to: 519-527-2561
Email to: bmills@huroneast.com
Attention: Public Works Manager

BIDDER INFORMATION FORM

Bidders are requested to respond to this Quotation call as instructed subject to the provisions contained herein.

Name of Bidder: _____

Address: _____

City: _____

Province: _____ Postal Code: _____

Telephone: _____ Fax No: _____

E-mail: _____

Contact Person: _____

Title: _____

INSTRUCTIONS

The Municipality of Huron East, hereinafter referred to as the Municipality, invites RFP's for the:

SUPPLY OF ONE NEW FOUR WHEEL DRIVE LOADER BACKHOE

RFP's not submitted in strict accordance with these instructions or not complying with the requirements laid down in the documents may be rejected.

1. RFP DOCUMENTS

Interested suppliers may obtain the proposal documents *online* after May 4th, 2018:

<http://www.huroneast.com>

The lowest or any RFP will not necessarily be accepted. Facsimile and electronic tender submissions will NOT be accepted. Duration of offer must be a minimum of ninety (90) days.

The closing date for submissions is **May 25, 2018 at 12:00 Noon** to the Public Works Manager, Municipality of Huron East, 72 Main Street South, P.O. Box 610, Seaforth, Ontario N0K 1W0

Questions regarding the RFP should be directed to Mr. Barry Mills, Public Works Manager (519-527-1710, ext. 32).

2. BIDDER REGISTRATION

Bidders downloading this document from the Municipality of Huron East website must register with the Public Works Department to be added to the Bidders list. Interested Bidders are required to complete the bidder's registration form and return this form via fax to: 519-527-2561 or by email to bmills@huroneast.com

Bidders who do not register may not receive any additional information or addendums relating to this project.

A respondent who signs and returns the Bidder Registration is not obligated to submit an RFP.

3. DISCREPANCIES OR OMISSIONS

Proponents that find discrepancies or omissions in the specifications or other documents or having any doubts concerning the meaning or intent of any part thereof, should immediately request in written form, either by fax, email, or regular mail, clarification

from the Municipality. Upon receipt of the written request for clarification, the Municipality will send written instructions or explanations to all parties registered as having returned the acknowledgement Letter. No responsibility will be accepted for oral instructions.

4. EXAMINATION OF CONTRACT DOCUMENTS

The Proponent shall be deemed to have satisfied themselves as to the sufficiency of the RFP for the product and the prices stated on the RFP Form. These prices shall cover all obligations under the RFP, and all matters necessary for the proper supply of the product.

5. PROOF OF ABILITY

The Proponent shall be competent and capable of supplying the product. The Municipality may request proof of ability.

6. REQUEST FOR PROPOSAL SUBMISSIONS

Proponent's shall submit the completed **Bidder Information Form, Request for Proposal Form, Specification Sheets**, and any additional product information that the proponent deems necessary in a sealed envelope.

RFP's submitted by fax or electronically will not be accepted.

Proposals may be rejected for one or more of the following reasons:

- a) Bids arriving after the closing time and date as specified in this document.
- b) Bids received in a form other than the quotation form supplied
- c) Bids not completed in ink or by type
- d) Bids containing any other form of alteration, including but not limited to include: strike-out, white-out, etc.
- e) Bids not properly signed, witnessed, and/or sealed
- f) Bids not acknowledging any issued addenda

The Municipality reserves the right to accept any Proposal or reject any or all Proposals and waive formalities as the interests of the Municipality may require.

Tenders shall remain open for acceptance by the Municipality for a period of ninety (90) calendar days after the closing date.

SPECIFICATIONS – FOUR WHEEL DRIVE LOADER BACKHOE

S 1.0 GENERAL

It is the intent of these specifications to describe a 2018 diesel powered four wheel drive loader backhoe in sufficient detail to secure bids on comparable equipment. All parts not specifically mentioned which are necessary in order to provide a complete unit shall be included in the bid, and shall conform in strength, quality of materials and workmanship to what is usually provided to the trade in general. Any units not conforming to the Specifications as outlined may be rejected, and it will be the responsibility of the supplier to conform to the requirements unless deviations have been cited by the bidder and acceptance made in writing.

Make _____

Model _____

Year _____

Operating weight 17,500 lb / 7,938 kg min _____ lb/kg

S 2.0 ENGINE

S 2.1 Engine shall be a four cylinder Canadian Emissions Compliant liquid cooled diesel. YES NO

Specify _____

S 2.2 Net horse power - 94hp min _____ HP @ _____ RPM

S 2.3 Engine displacement shall be 274 ci./4.5 ltr. Min _____ ci/L

S 2.4 Maximum RPM shall be 2200 RPM. _____ RPM

S 2.5 Heavy duty radiator to be supplied. YES NO

S 2.6 Engine drive fan to be supplied and capable of running in reverse. YES NO

S 2.7 Engine oil cooler to be supplied. YES NO

S 2.8 Engine oil filter shall be full flow spin on type. YES NO

S 2.9 Air cleaner – dual stage – dry type YES NO

- S 2.10 Fuel oil water separator to be supplied YES NO
- S 2.11 Fuel filter to be supplied YES NO
- S 2.12 120 volt electric engine block heater to be supplied YES NO
- S 2.13 Cold weather start assist to be supplied YES NO

Specify_____

- S 2.14 Factory installed R-134A air conditioning to be supplied YES NO

S 3.0 ELECTRICAL

- S 3.1 Alternator shall be 120amp min capacity. _____Amp
- S 3.2 Two 12 volt – 850 C.C.A. min maintenance free batteries to be supplied. YES NO

S 4.0 DRIVELINE

- S 4.1 Automatic Shifting transmission with torque converter drive to be supplied YES NO

Specify_____

- S 4.2 Transmission to be fully synchronized with a min of four forward and three reverse speed ranges. YES NO

Specify_____

- S 4.3 Transmission to be electronically controlled. YES NO

Specify_____

- S 4.4 Forward/neutral/reverse shuttle shifter gear range selector to be supplied on single lever on left side of steering wheel. YES NO

- S 4.5 Clutch disconnect button and transmission downshift button to be supplied on loader control lever YES NO

- S 4.6 Spin on type transmission filter to be supplied. YES NO

- S 4.7 Heavy duty transmission cooler to be supplied. YES NO

S 4.8	Front axle shall be heavy duty industrial type	YES	NO
	Static rating _____		lbs
S 4.9	Power differential lock shall be supplied that can be engaged/disengaged while vehicle is in motion.	YES	NO
S 4.10	Front axle shall be heavy duty industrial mechanical front wheel drive. Static operating axle rating.	YES	NO
	_____		lbs
S 4.11	Electronically engaged mechanical front wheel drive shall be supplied that can be engaged/disengaged while vehicle is in motion	YES	NO
S 4.12	The mechanical front wheel drive shall be supplied with differential lock.	YES	NO
S 4.13	Road speed shall be 25mph/40kph min	_____	mph/kph
S 4.14	Power steering shall be supplied.	YES	NO
S 4.15	Michelin XMCL Radial Tires shall be supplied. Size Specify Front _____ Rear _____	YES	NO
S 5.0	<u>BRAKES</u>		
S 5.1	Rear wheels shall be equipped with heavy duty self adjusting inboard mounted wet disc brakes.	YES	NO
S 5.2	Brakes shall be hydraulically actuated and operated individually or locked together.	YES	NO
S 5.3	Automatic four wheel braking to be supplied.	YES	NO
S 5.4	Parking brake to be supplied.	YES	NO
S 6.0	<u>CAB</u>		
S 6.1	Cab shall be fully enclosed with (ROPS) roll over protection built in.	YES	NO
S 6.2	Cab shall have two doors door and be pressurized.	YES	NO
S 6.3	Rear window shall be designed to open.	YES	NO

S 6.4	All windows shall be tinted safety glass.	YES	NO
S 6.5	Deluxe interior – finished with a padded headliner Trim and rubberized floor mat.	YES	NO
S 6.6	Interior cab noise shall not exceed 78 DBA		_____ DBA
S 6.7	Deluxe cloth covered seat with flip up arm rests Seat belt and fully adjustable air ride suspension shall be supplied.	YES	NO
S 6.8	Two speed windshield wiper on front and rear with washers.	YES	NO
S 6.9	Two outside and one inside rear view mirrors to be supplied	YES	NO
S 6.10	Fresh air intake heater with removable air filter.	YES	NO
S 6.11	Cab heater with front and rear window defroster attachment.	YES	NO
S 6.12	Factory air conditioning with R-134A refrigerants to be supplied.	YES	NO
S 6.13	Tilt and telescoping steering wheel shall be supplied.	YES	NO
S 6.14	Hand and foot throttle to be supplied.	YES	NO
S 6.15	AM/FM radio with two speakers Blue tooth capable.	YES	NO
S 6.16	Hood shall tilt to access engine.	YES	NO
S 6.17	Fuel tank capacity shall be 140 litre minimum.		_____ L
S 6.18	Wired for two way radio with a 30 amp converter.	YES	NO
S 7.0	<u>LIGHTS</u>		
S 7.1	Two high/low beam LED or Halogen headlights, signal lights and four way flashers. Specify_____	YES	NO
S 7.2	Four forward and four rearward cab mounted LED or Halogen lights are to be supplied. Specify_____	YES	NO

S 7.3	Stop lights and tail lights.	YES	NO
S 7.4	Roof mounted LED Mini light bar Grote 76983 with in cab controls	YES	NO
S 8.0	<u>HYDRAULIC SYSTEM</u>		
S 8.1	Variable displacement axial piston pump	YES	NO
	Specify_____		
S 8.2	Closed center hydraulics.	YES	NO
S 8.3	System relief pressure shall be 3000 PSI min.	_____	PSI
S 8.4	Hydraulic pump capacity shall be 40 GPM min.	YES	NO
S 8.5	Hydraulic system shall have dual flow, spin on hydraulic oil filter.	YES	NO
S 8.6	Heavy duty hydraulic oil cooler.	YES	NO
S 8.7	Hydraulic system shall be capable of exerting full pressure on loader and backhoe operations at all times.	YES	NO
S 9.0	<u>LOADER</u>		
S 9.1	The loader shall be heavy duty industrial.	YES	NO
S 9.2	Double acting bucket loading cylinders and two double acting lift arm cylinders shall be supplied with self leveling and automatic return to dig attachments	YES	NO
	Specify_____		
S 9.3	Three spool single lever loader control valve for loader lift, bucket tilt positive hold float, return to dig and auxiliary hydraulics.	YES	NO
	Specify_____		
S 9.4	Auxiliary hydraulic valve with positive hold shall be supplied with steel auxiliary hydraulic lines attached to loader arms with hydraulic couplers located near loader bucket to operate hydraulic driven attachments.	YES	NO

Specify_____

- S 9.5 Hydraulic coupler valve with fixed steel lines to bucket coupler. YES NO
- S 9.6 Lift capacity to full height shall be 7000 lbs min. _____lbs
- S 9.7 Breakout force of lift cylinder shall be 9000 lbs min _____lbs
- S 9.8 Breakout force of bucket cylinders shall be 10900 lbs min. _____lbs
- S 9.9 Maximum height to bucket hinge shall be 134in. _____in
- S 9.10 Dump clearance at 45 deg dump angle at maximum height shall be 105in min. _____in
- S 9.11 Factory heavy duty hydraulic quick coupler for bucket, quick attach to be supplied on loader and compatible to IT coupler hook up for existing attachments YES NO
- S 9.12 Factory heavy duty quick attach general purpose loader bucket. YES NO
- S 9.13 Bucket shall have a heaped capacity of 1.25 cubic yd min _____yds
- S 9.14 Bucket tread width a min of 93in wide. _____in
- S 9.15 The bucket shall be supplied with a bolt-on cutting edge YES NO
- S 9.16 Bucket level indicator shall be supplied. YES NO

S 10.0 BACKHOE

- S 10.1 Two lever pilot operated control system. YES NO

Specify_____

- S 10.2 In cab excavator to backhoe control pattern changer. YES NO
- S 10.3 Auxiliary hydraulic valve with cab control and steel/flex fixed hydraulic lines to dipper stick to operate hydraulic attachments (example: a vibratory plate compactor). YES NO

Specify_____

S 10.4	Backhoe to be supplied with extendable dipper stick controlled by buttons on pilot joy sticks.	YES	NO
S 10.5	Maximum digging depth with dipper stick retracted Shall be 14ft 6in.	_____	ft
S 10.6	Maximum digging depth with dipper stick extended Shall be 17ft 6in.	_____	ft
S 10.7	Truck loading height- dipper stick retracted 12ft min	_____	ft
	“ “ “ dipper stick extended 14ft min	_____	ft
S 10.8	Boom swing arc to be 180 deg. Min.	_____	deg
S 10.9	Boom lift at 4ft dipper stick retracted – 3400 lb min	_____	lb
	“ “ “ extended – 2700 lb min	_____	lb
S 10.10	Dipper lift at 4ft dipper stick retracted – 7200lb. Min	_____	lb
	“ “ “ stick extended – 4100lb. min	_____	lb
S 10.11	Dipper cyl. Digging force when retracted -8600lb mi	_____	lb
	“ “ “ extended-6300lb min	_____	lb
S 10.12	Bucket cyl digging force shall be 13,500lb min.	_____	lb
S 10.13	Hydraulic stabilizers shall be a 9ft 3in min spread	_____	ft
S 10.14	Combination metal cleat and rubber pad flip over stabilizer pads to be supplied.	YES	NO
S 10.15	Manual quick coupler backhoe bucket attachment to be supplied.	YES	NO
S 10.16	Heavy duty 36 inch ditching bucket with bolt on edge	YES	NO
S-10-17	Heavy duty 24” high capacity tooth Bucket with heaped capacity of 8.5 cu.ft	Yes cu.ft_____	No
S 10.18	Factory hydraulic thumb supplied and installed matching bucket supplied. All equipment plumbed for thumb with two way flow hydraulics.	YES	NO

S 11.0 ATTACHMENTS

- | | | | |
|---------|---|-------|----|
| S 11.1 | Ride control to be supplied. | YES | NO |
| S 11.2 | Front fenders to be supplied. | YES | NO |
| S 11.3 | Rear fender extensions to be supplied. | YES | NO |
| S 11.4 | Molded bumper/grille to be supplied. | YES | NO |
| S 11.5 | Front counter weight 1100lb min to be supplied. | _____ | lb |
| S 11.6 | Front and rear tie downs to be supplied. | YES | NO |
| S 11.7 | Back up alarm to be supplied. | YES | NO |
| S 11.8 | Slow moving vehicle sign to be supplied. | YES | NO |
| S 11.9 | Tool box to be supplied. | YES | NO |
| S 11.10 | Repair and parts manuals & CD to be supplied. | YES | NO |
| S 11.11 | Must have loader/backhoe coupler to pick up existing Cat attachments. | YES | NO |

S 12.0 WARRANTY & SERVICE

Please state or attach standard warranty
Warranty to be FOB Huron East Tuckersmith Shop at
42677 Front Road, Egmondville, Ontario N0K 1G0

FORM OF PROPOSAL

The price shall be in Canadian funds and include duties, royalties, handling, levies, transportation, delivery, dealer preparation, overhead, profit and all other charges. Any and all taxes are to be shown separately.

According to the RFP specifications, pricing is to be submitted to provide for the following: F.O.B. Huron East Tuckersmith Shop at 42677 Front Road, Egmondville, Ontario N0K 1G0 and shall be good for the duration of ninety (90) days from date of tender opening:

- 1. Supply one (1) new four wheel drive loader/backhoe set pursuant to all terms and conditions outlined in the specifications section herein.

Price \$ _____

HST \$ _____

TOTAL RFP SUM \$ _____

Supplier:

Name

Address

City/Province

email

Postal Code

Phone Number

The unit shall be delivered FOB Huron East Tuckersmith Shop at 42677 Front Road, Egmondville, Ontario N0K 1G0 no later than:

30 day after acceptance of RFP or as negotiated

_____ Signature of Authorized Person	_____ Print Name
_____ Title	_____ Date
_____ Signature of Witness	_____ Print Name
_____ Title	_____ Date

The Municipality may consider purchasing any one of the following opinion in addition to the RFP.

OPTION 1

Quick attach pallet forks compatible with factory loader, coupler to be supplied with adjustable width tines.

Fork tines to be 60 inch long min. _____ inches

Load rating @ max reach to be 7200 lb min. _____ lbs

Price \$ _____

HST \$ _____

TOTAL OPTION 1 SUM \$ _____

OPTION 2

EP – 2 automatic greasing systems to be supplied and connected to all points that require grease lubrication.

Price \$ _____

HST \$ _____

TOTAL OPTION 2 SUM \$ _____

OPTION 3

Comparable Demo Unit with less than 500 hrs. Provide comparative specifications.

Price \$ _____

HST \$ _____

TOTAL OPTION 3 SUM \$ _____

Option 4

WARRANTY & SERVICE

Proponent hereby guarantees all workmanship, parts, extended power train, hydraulics and equipment for a period of 60 months, or 5000 operating hours from time of delivery. All items are deemed to be supplied and installed. Attach extended warranty information. Warranty to be FOB Huron East Tuckersmith Shop at 42677 Front Road, Egmondville, Ontario N0K 1G0

Price \$ _____

HST \$ _____

TOTAL OPTION 4 SUM \$ _____