

The Corporation of the Municipality of Brockton



By-Law 2019-076

Being a By-Law to Accept a Tender for the Supply and Delivery of One Sidewalk Plow with Attachments for the Municipality of Brockton.

Whereas the Council for the Corporation of the Municipality of Brockton Council deems it expedient to accept a tender for the supply and delivery of one sidewalk plow with attachments for the Municipality of Brockton;

Now Therefore the Council of the Corporation of the Municipality of Brockton enacts as follows;

- 1.0 That the Council of the Corporation of the Municipality of Brockton hereby accepts the Tender of Work Equipment Ltd. in the amount of \$163,850.00 for the supply and delivery of one sidewalk plow with attachments as described in the attached Schedule "A" to this By-Law.
- 2.0 That the Mayor and Clerk are hereby authorized to sign on behalf of the Council for The Corporation of the Municipality of Brockton, any contracts and other documents required to authorize such purchase to proceed, and to affix the corporate seal of the Municipality of Brockton.
- 3.0 This By-Law shall come into full force and effect upon final passage.
- 4.0 This By-Law may be cited as the "Sidewalk Plow Tender Acceptance By-Law".

Read, Enacted, Signed and Sealed this 9th day of July, 2019.

Mayor – Chris Peabody

Clerk – Fiona Hamilton

Schedule A to By-Law 2019-076

SPECIFICATIONS

The following is a list of the Municipalities Requirements. Please respond either "YES", "NO" or provide your specifications.

REQUIREMENTS:

To supply and deliver one four-wheel drive articulating, oscillating, rubber tired, diesel powered multi-purpose tractor designed for year round work and specified attachments.

(SPECIFY) MAKE Trackless MODEL MT7 YEAR 2019

1. Dimensions:

- 1.1 Tractor shall be no wider than 49.5 inches. State turn radius.
Measurement shall include fenders, mirrors folded 50.5" and no higher than 88 inches high including the roof light.

Width 49.5"
Turn Radius 90"
Overall 50.5"
Height 88"

- 1.2 Basic unit shall be no longer than 161 inches long.

149.5"

- 1.3 Weight of base tractor to be no more than 6,500 lb. Specify:

6,940 lbs.

2. Engine:

- 2.1 The engine shall be a 4-cylinder turbo diesel capable of at least 74 horsepower minimum. Minimum torque 220ft/lbs at 1,600 rpm

Yes Tier 4 John Deere 74 hp.
Torque 224 ft/lbs at 1600 RPM

- 2.2 The engine shall be water-cooled.

Yes as specified

- 2.3 The engine shall have a block heater, 1,000 W minimum

Yes as specified

- 2.4 A dry type air filter element shall be supplied with a pre-cleaner bowl mounted outside the engine compartment with air restriction gauge or light.

Yes as specified

- 2.5 A warning light, buzzer and automatic shut down system shall be supplied in the event of a low oil pressure or high coolant temperature situation

Yes as specified

- 2.6 Supply replacement filter kit, engine oil, air cleaner and fuel filter(s)

Yes as specified

- 2.7 Shall be equipped with an automated self-reversing engine fan

Yes as specified

3. Transmission:

- 3.1 The tractor shall be propelled by a hydrostatic transmission and controlled by a single foot electronic foot pedal. The electronic pedal controls the hydrostatic transmission and the engine RPM automatically by means of a computer, throttle lever over-rides the pedal control of the engine RPM allowing full RPM to power the PTO shaft to run the attachment.

A

Yes as specified

- 3.2 The tractor shall have a 2 speed mechanical transmission, which provides in low range 0-12 km/hr and in high range 0-32 km/hr.

Yes as specified

- 3.3 The mechanical transmission may be shifted into neutral from within the cab allowing the unit to be towed without damaging the hydrostatic system.

Yes as specified

- 3.4 Forward/ Neutral/ Reverse switch shall be located on joystick

Yes as specified

4. Axles:

- 4.1 Axles shall be full floating with trac-lock limited slip front and rear.

Yes as specified

4.2 Rated capacity of each axle to be 5900lbs. With a total gross weight of 11800lbs.

Yes 7,000 lbs. each

4.3 Brakes shall be hydraulic service and shall have dynamic stopping ability through the hydrostatic system.

Yes as specified

4.4 A parking brake must also be installed complete with light and alarm.

Yes as specified

4.5 Tires and wheels shall be "Radial winter type" mounted on heavy-duty rims.

Yes LT245/75R-16 Radial

4.6 Supply one spare tire and rim

Yes as specified

5. Power Take Off:

5.1 PTO drive system to be mechanical driven by means of a clutch. Shall be actuated by an electric over hydraulic cylinder.

Yes as specified

5.2 Front PTO must be 1-3/8" 6 spline capable of generating a minimum of 102 PTO hp @ 540 RPM @ 2200 engine RPM.

Yes except 65 PTO hp

6. Chassis

6.1 Tractor shall articulate and oscillate

Articulation angle

Oscillation angle

35 degrees each way
12 degrees each way

6.2 Slow moving vehicle sign to be installed in the rear center of the sander unit.

Yes as specified

7. Electrical

7.1 Shall be 12 volt, negative ground system with one 1000 CCA

Group 31 battery 200 amp alternator and voltmeter, main breaker switch protection.

Yes as specified

7.2 There shall be an illuminated electric gauge for the following: Note: Warning lights are acceptable only if in the addition to gauge.

Tachometer and hour meter

Coolant temperature

Engine Oil Pressure

Hydraulic Oil Pressure

Voltmeter

Fuel Level

Speedometer with odometer

Back up alarm

Yes as specified

Yes as specified

Yes as specified

Yes as specified

Yes as specified

Yes as specified

Yes as specified

Yes as specified

8. Implement Hitches:

8.1 Front quick hitch with dual double acting lifting cylinders to be supplied and to have built in accumulators to compensate for bounce when roading the tractor,

Yes as specified

9. Hydraulics:

9.1 Must be capable of delivering sufficient hydraulic flow (minimum 20 GPM) for the various attachments. Snow blower, plow and sander. State GPM.

Yes 20 GPM

9.2 Four front couplers (2 pair) are to be supplied for operating control on various attachments.

Yes as specified

9.3 One pair of high volume couplers for the front Tractor. One pair high volume couplers for the rear of the unit shall also be equipped with an adjustable flow control valve mounted in cab.

Yes as specified

9.4. Low hydraulic oil warning system shall be supplied

Yes as specified

9.5 All hydraulic attachment functions shall be controlled by one (1) single joystick

Yes as specified

9.6 Hydraulic couplers shall be colour coded

Yes as specified

10. Lighting

10.1 There shall be four (4) headlights and two (2) backup light, all six (6) to be adjustable, halogen and identical. Front headlights and corner maker lights are to be protected with metal guards. One of the backup is to be controlled in the cab by means of a switch and the second backup is to be controlled automatically when the tractor is shifted into reverse. All other lighting, corner markers and signals are to be LED

Yes as specified

10.2 Eight (8) LED strobe lights, Four (4) amber and Four (4) blue are to be mounted Within a totally enclosed branch guard for the Air conditioner. These strobe lights Shall not protrude above or stick outside of the branch guard body. One yellow (1) and one (1) blue strobe are to be mounted on each side of branch guard for 360 Degree visibility. Yellow and blue strobe light circuits are to be controlled by individual switches in the cab

Yes as specified

10.3 Shall be equipped with additional high mount taillights fastened to rear of cab

Yes as specified

11. Cab:

11.1 Specify if cab is ROPS certified.

Yes SAE J1040-C

11.2 Seat shall be cloth covered, air ride type, complete with arm rests and lumbar support.

Yes as specified

11.3 The cab shall have:

Tinted tempered safety glass for all windows

Yes as specified

3-speed heater with floor level heating ducts and windshield defroster

Yes as specified

Insulated cab floor

Yes as specified

2 speed wiper and washer and intermittent wiper control

Yes as specified

Low Level oil alarm (Hydraulic)

Yes as specified

Inside and outside mirrors

Yes as specified

AM/FM radio, dual speakers with Bluetooth

Yes as specified

A single electronic "Joystick" for operation of all hydraulic functions

Yes as specified

Digital dash with 7" screen and shall be utilized as instrument cluster, reversing camera monitor and tractor diagnosis

Yes as specified

Back up camera to be provided and shall be mounted in rear lip of engine compartment hood for protection

Yes as specified

Climate controlled HVAC system with digital readout and 7 speed fan
HVAC system to provide heat, cooling and cab pressurization

Yes as specified
Yes as specified

11.4

Tilt steering in column with self-cancellation signals

Three (3) point seat belt assembly
Rear view mirror and two (2) outside vibration free mirrors. Mirrors must be foldback.
Cab sound level must be a minimum of 80db
Cup holder and storage pocket
Air conditioning
Forward and reverse control switch to be mounted on Joy Stick
Right and left sides of tractor cab "Glass MUST not be Lower than 44" from ground level"
This does not include front windshield area.

Yes as specified
Yes as specified
Yes as specified
Yes as specified 75 dba
Yes as specified
Yes as specified
Yes as specified
Yes as specified

12. Fuel Tank:

12.1 The fuel tank shall have a capacity of 105 litres minimum.

94 litres

13. Paint:

13.1 Shall be standard manufacturer colors.

Yellow and Black

14. Snow Blower: Single Auger Ribbon Style

14.1 The throat opening shall be 51 inches wide and 38 inches high.

Yes as specified

14.2 There shall be 1 spiral type 28 inch diameter augers with ice teeth.

Yes as specified

14.3 The snow blower shall be driven mechanically through a shear pin protected PTO and a shear pin protected auger drive.

Yes as specified

14.4 The side walk chute shall have minimum throat clearance of 77 inches.

Yes as specified

15: . Double Trip 60" Angle Plow

15.1 Width shall not exceed 60 inches.

Yes as specified

15.2 Height shall be 32 inches.

Yes as specified

15.3 The plow must incorporate 2 trip mechanisms; 2 compression trip springs for the cutting edge and 4 extension springs for the moldboard

Yes as specified

15.4 Shall have 2 hardened steel skid shoes, adjustable and replaceable.

Yes as specified

15.5 Shall have two ½ inch x 6 inch cutting edges, hardened and replaceable.

One 1/2"X6" cutting edge

16. Salt and Sand Spreader:

16.1 Sander shall be pin mounted to the rear of the tractor requiring no tools for installing and dismounting.

Yes as specified

16.2 Shall be hydraulically driven. Colour code hydraulic quick couplers (no tape).
Shall be manufactured by the same company as tractor.

Yes as specified

16.3 An adjustment lever shall control spread.

Yes as specified

16.4 Hopper capacity shall not be less than ½ cubic yard.

Yes as specified

16.5 Shall have a spread width of 44 inches.

Yes as specified

17. Dump Body:

17.1 Dump Body shall be approximately 36" wide, 67" long and 13" high and hold approximately 1 cubic yard of sand.

Yes as specified

17.2 Side panels to be corrugated for additional strength.

Yes as specified

17.3 Steel sides and bottom with ¼" reinforcements in all critical areas.

Yes as specified

17.4 Lift angle to be approximately 40 degrees.

Yes 42 degrees

17.5 Lift cylinders to be 2" bore and 14 " stroke.

Yes as specified

17.6 Dump body to include front counterweights for added stability

Yes as specified

18. Warranty:

18.1 State terms in full including engine warranty's. Minimum of twelve (12) months.

Tractor 1 year or 600 hours

18.2 State terms in full including engine for extended warranty. Extended warranty shall be priced separately and will be at the Municipality of Brockton's discretion.

Engine 5 years or 5000 hours

Engine extended warranty included

19. Manuals:

19.1 Operator for all equipment, one in a plastic waterproof container mounted in cab

Yes as specified

19.2 1 Paper, 1 Electronic

Yes as specified

19.3 1 Electronic and Paper Parts, 1 Electronic and Paper Repair

Yes as specified

20. Factory Training:

20.1 A factory training school at the manufacturer's and municipality's location for technicians and operators shall be available at no charge. The school shall include classroom sessions, hands on repair, techniques and diagnostic training. The training school is also to be available several time per year at no charge, for re-training or new technicians.

Municipal training is hands on for operators and technicians.

Manufacturer's training includes classroom and hands on for operators and technicians.

Specify location(s)

Manufacturer's Location - Courtland, ON

21. Miscellaneous:

22.1 Specify delivery date

30 working days from date of order.

22.3 Items not specifically mentioned but necessary to deliver a full functioning unit shall be supplied.

Yes as specified

22.4 Prices shall be FOB Public Works Yard, Walkerton.

Yes as specified

22.4 A loaner unit shall be supplied at no charge to the Municipality of Brockton in the event of a warrantable major failure within 48 hours of notifying service department of the vendor.

Yes as specified

22.5 Vendor shall supply onsite warranty service within 24 hours at no charge including travel time to the Municipality of Brockton during the warranty period.

Yes as specified

References

Specify 6 end user references in Ontario, (3 municipal). Contact name and work number included.

Company Name	Town of Amherstburg
Contact Name	Eric Chamberlain
Phone Number	519-736-3664

Company Name	Town of Tillsonburg
Contact Name	Dave Davis
Phone Number	519-688-3009 Ext. 5303

Company Name	Municipality of Grey Highlands
Contact Name	Keith Stewart
Phone Number	519-374-1958

Company Name	City of London
Contact Name	Barrie Galloway
Phone Number	519-661-2489 Ext. 5413

Company Name	City of Waterloo
Contact Name	Rich Mores
Phone Number	519-886-2310 Ext. 30292

Company Name	City of Woodstock
Contact Name	Russ Cayen
Phone Number	519-539-2382 Ext. 3170

Pursuant to Section 29(1a) of the Municipal Freedom of Information Act, I authorize the Municipality of Brockton to contact the person or company listed for the purpose of obtaining reference information.

Signature: 
(Authorized signing officer)

Date: **June 28, 2019**

BIDDER'S DECLARATION

To: The Municipality of Brockton

I/We **Joe Lampert**
(name)

Sales
(title/position)

of **Work Equipment Ltd.**
(name of firm)

1. DECLARE that no person, firm or corporation other than the one whose signature or the signature of whose proper officers I attached below, has any interest in this bid or in the Contract proposed to be undertaken.
2. FURTHER DECLARE that this bid is made without any connection, knowledge, comparison of figures or arrangement with any other company, firm or person making a bid for the same requirement (unless performed under a "joint" agreement and so declared in the bid), and in all respects is fair and without collusion or fraud.
3. FURTHER DECLARE that no Municipal employee, or Member of Council is, or will become interested directly or indirectly as a contracting party unless disclosed as follows:

4. FURTHER DECLARE that the several matters stated in the said bid are in all respects true.
5. FURTHER DECLARE that I/We have examined the locality and site of the proposed work, as well as all the Specifications relating thereto, prepared, submitted and rendered available on behalf of the Municipality of Brockton, and hereby acknowledged, the same to be part and parcel of any contract to be let for the work therein described or defined, and do hereby propose and offer to enter into a contract to do all the work and to provide all of the labour and to provide, furnish, deliver, place and erect, all materials mentioned and described or implied therein, including, in every case, freight, duty, exchange and sales taxes in effect on the date of acceptance of the Bid, and all other charges, on the terms and conditions and under the provisions therein set forth, and to accept in full payment therefore, the sums calculated in accordance with the actual quantities and Unit Prices attached to this Bid.
6. FURTHER DECLARE that the agent listed below is hereby authorized by the Bidder to submit this bid and is authorized to negotiate all matters with the Municipal representatives on behalf of the Bidder.
7. AGREE that this bid is to continue open for sixty (60) days for acceptance until a formal Contract is executed or a Purchase Order is issued to the successful Bidder.


Signature of Authorized Officer

Joe Lampert
Name of Authorized Officer (print)

Quotation Closing: 12:00 p.m., Wednesday, July 3, 2019

I/We the undersigned, do hereby submit our Bid Supply and Deliver One, Sidewalk Plow with Attachments, in accordance with the attached Instructions to Bidders, General Terms and Conditions, and Specifications and as follows:

New Vehicle

PRICE OF NEW VEHICLE	AMOUNT
Base Price	\$ 145,000.00
Harmonized Sales Tax, 13 %	18,850.00
Total Bid Price	\$ 163,850.00

Delivery date from receipt of order 6 weeks.

The Bidder agrees they have checked the Municipality of Brockton website and are in receipt of addendum(s) ____ to ____ inclusive, and the bid price includes the provisions set out in such addendum(s).

Corporate Name	Work Equipment Ltd.		
Address	Box 244, 55 Thunderbird Drive		
City	Courtland, ON	Postal Code	N0J-1E0
Telephone	519-688-0370	Fax Number	519-688-3644
Contact Name	Joe Lampert		
Title	Sales		
Authorized Signature		Date	June 28, 2019
Email	jlampert@workequipment.ca	Website	www.workequipment.ca