



The Corporation of the Town of Essex

Request for Tender RFT-ID-23-013

Supply of a Tandem Plow Truck Cab and Chassis 2023

Date of Issue: March 17, 2023

Closing Information:

Date: April 12, 2023
Time: 3:00:00 p.m. Local Time
Location: 33 Talbot Street South
Essex, Ontario N8M 1A8

Table of Contents

1.	Introduction.....	4
	1.1. Background Information	4
2.	Tender Process.....	4
	2.1. Opening of Tenders	4
	2.2. Corporate Contact	4
	2.3. Tenders to Remain Open	5
	2.5. Cancellation	5
	2.6. Freedom of Information	5
	2.7. Confidentiality	5
3.	Accessibility for Ontarians with Disabilities Act	5
4.	Employees	6
5.	Costs Incurred by Tenderer	6
6.	Conflict of Interest	6
7.	Tender Submissions.....	6
8.	Scope of Work.....	7
9.	Quantities	7
10.	Deletion of Work	7
11.	Insurance	8
	11.1. Insurance Coverage	8
	11.2. Proof of Insurance	8
12.	Employment Insurance and Workplace Safety and Insurance Act	9
13.	Health and Safety, Loss and Damage, Protection of Work and Property.....	10
	13.1. The Occupational Health and Insurance Act	10
14.	Ability and Experience of Successful Bidder.....	11
15.	Sub-Contractors and/or Suppliers	11
16.	Reservation of Right.....	12
17.	Addenda	12
18.	Pricing to Remain Firm.....	13
19.	Harmonized Sales Tax	13
20.	Measurement of Payment	13
21.	Procurement Policy By-Law / Governing Law	13
22.	Method of Submission	14

Request for Tender RFT-ID-23-013
Supply of a Tandem Plow Truck Cab and Chassis 2023

22.1. General Requirements	14
22.2. Delivery of Tenders	14
22.3. Submission Labels	14
22.4. Mandatory Requirements	15
23. Award of Contract.....	15
24. Appendix A – Form of Tender	16
25. Appendix B - Tenderer Identification Sheet	17
26. Appendix C-Acknowledgement of Tender Documents	18
27. Appendix D-Specifications	19
28. Appendix E - Tender Submission Label.....	30

1. Introduction

1.1. Background Information

The Town of Essex is located in southwestern Ontario, approximately 28 kilometers southeast of the City of Windsor and is one of seven lower-tier municipalities in the County of Essex. The Town of Essex consists of four distinct and unique centres - Essex Centre, Harrow Centre, McGregor Centre and Colchester Centre. The current population of the Town of Essex is 20,427.

The Town of Essex is updating and adding to its vehicle fleet. As a result, the Town is interested in purchasing one new tandem plow truck cab and chassis to be utilized by the Operations Department.

2. Tender Process

2.1. Opening of Tenders

A public opening of Tenders will take place Wednesday, **April 12, 2023, at 3:15:00 p.m.** local time, at the Essex Municipal Offices, Council Chambers, at 33 Talbot Street South, Essex, Ontario.

2.2. Corporate Contact

Additional information regarding this Request for Tender can be obtained by contacting the following person by telephone or email:

Jackson Tang, Assistant Manager, Business Services

Fax: 519-776-7171

Email: jtang@essex.ca

Contact with Town of Essex officials or Town of Essex staff other than the staff member named as the contact on this Request for Tender is not permitted and will be considered grounds for disqualification in the bidding and selection process.

2.3. Tenders to Remain Open

Tenders will be held open by the Town for a period of no greater than ninety days for full review and awarding. Should the Town require an extension past the ninety day period; each submitted bidder will be notified on an extension.

2.5. Cancellation

The Town of Essex in its sole and unfettered discretion, reserves the right to change the dates, schedules and deadlines set out in this Request for Tender or to change the Scope of Work, or to cancel this Request for Tender without stating any reasons therefor.

2.6. Freedom of Information

The tenderer hereby consents to disclosure of its information contained in this Tender submission, pursuant to The Municipal Freedom of Information and Protection of Privacy Act, Revised Statutes of Ontario 1990, Chapter M. 56.

2.7. Confidentiality

The Town of Essex and the tenderer agree that the content of each response to this Request for Tender will be held in the strictest confidence, and details of any response will not be discussed with any other party. By submitting a response to this Request for Tender, each tenderer agrees not to disclose, at any times, these details. Only information subject to the Freedom of Information and Privacy Act may be disclosed. The Town agrees to notify the tenderer should a request for information be received.

3. Accessibility for Ontarians with Disabilities Act

The selected tenderer shall comply with all applicable provisions of Accessibility for Ontarians with Disability Act.

Information on accessible customer service training is available online from the Ministry of Community and Social Services at

www.mcsc.gov.on.ca/en/mcsc/programs/accessibility/customerService/

4. Employees

In the performance of the scope of work of this Request for Tender, the successful tenderer shall be an independent General Contractor. Neither the successful tenderer nor any of their employees shall be deemed to be employees of the Town of Essex.

5. Costs Incurred by Tenderer

Except as expressly and specifically permitted in the Request of Tender documentation, no tenderer shall have any claim for any compensation of any kind whatsoever, because of participating in the Request for Tender, and by submitting a tender each tenderer shall be deemed to have agreed that it has no claim. Any and all expenses involved either directly or indirectly due to the preparation and submission of a tender in response to this Request for Tender or any work performed in connection thereof shall be borne by the tenderer.

6. Conflict of Interest

Tenderers participating in this Request for Tender process shall disclose, prior to entering into an agreement, any potential conflict of interest. If such a conflict exists, the Town of Essex may, at its discretion, withhold the award of the contract from the tenderer until the matter is resolved.

7. Tender Submissions

Submissions shall be in letter form and must, at a minimum, address the scope as set out in this Request for Tender under section 8 and all mandatory requirements as set out in sub-section 22.4.

All tenderers should carefully review this Request for Tender for errors or questionable matter. Comments or the need for clarification must be made in writing as requested in this Request for Tender. Disputes based on any omission or error, or on the content of the solicitation, will be disallowed if these faults have not been brought to the attention of the Town of Essex as per the terms set out in this Request for Tender.

The tender submission should be clear, concise and complete. The Town of Essex shall have the sole, final decision in the selection process.

Request for Tender RFT-ID-23-013
Supply of a Tandem Plow Truck Cab and Chassis 2023

Additionally, please provide an electronic version in a Microsoft Office compatible electronic format on a standard compact disk (CD) or jump-drive. If there is any discrepancy between the electronic version and the original hard copy, the "original" hard copy shall take precedence.

The Town of Essex reserves the right to make additional copies of all submissions for its internal review process and to provide such copies to its staff and external advisors, as it deems necessary.

8. Scope of Work

Eligible responses to this Request for Tender must include pricing for the following tandem plow truck cab and chassis in accordance Appendix D – Tandem Plow Truck Cab and Chassis Specifications. The successful tenderer shall deliver the new cab and chassis to the winter control manufacturer's facility at its own expense. The winter control supplier shall be named and coordinated with the successful tenderer at a later date.

ITEM 1: 2023/ 31,298 kg. (69,000 lbs.) tandem plow truck cab and
chassis - New Build

The Town of Essex is part of the Broader Public Service of the Province of Ontario and as such is entitled to the Concessions (Discounts) as arranged by the Ministry of Government Services under V.O.R. OSS074423.

9. Quantities

The quantities as set out in the Form of Tender are approximate only and are given as a basis for estimating and comparing bids. Payment will be based on the final confirmed quantities.

10. Deletion of Work

The tenderer shall take note that the Town of Essex reserves the right to delete any portion of the work for its own interest. The tenderer shall further take note that any such deletion of any part of the work shall not invalidate the Tender. The successful tenderer shall enter into a satisfactory Contract and otherwise comply

Request for Tender RFT-ID-23-013
Supply of a Tandem Plow Truck Cab and Chassis 2023

with all of the requirements of the Contract Documents for any portions of the work remaining to be done after any such deletions.

11. Insurance

11.1. Insurance Coverage

The successful tenderer shall procure and maintain Comprehensive General Liability insurance in accordance with this section. The successful tenderer shall file with the Town of Essex, together with the signed contract, prior to the start of any work, a copy of the policy of Comprehensive General Liability Insurance clearly stating that the Comprehensive General Liability Insurance complies with all the requirements of the signed contract. Insurance shall be obtained from a company satisfactory to the Town of Essex.

The successful tenderer's policies of insurance shall cover himself (the General Contractor and all sub-General Contractors) and shall name the Town of Essex additional insured. All insurance shall remain in effect for the periods indicated in this contract.

The Comprehensive General Liability Insurance shall:

- (a) Have a limit of liability not less than \$2,000,000 inclusive for any one occurrence
- (b) Include insurance against liability for bodily injury and property damage caused by vehicles or equipment owned by the General Contractor
- (c) Be endorsed to provide that the policies will not be altered, cancelled or allowed to lapse without thirty days written notice to the Town of Essex
- (d) Name the Town of Essex including its' officers and employees while performing their duties on behalf of the Town of Essex as additional insured's under the policy

The successful tenderer shall pay for all premiums and expense incurred as a result of such insurance.

11.2. Proof of Insurance

Proof of such insurance is to be submitted and filed at the Town of Essex Municipal Office before commencing any work and annually thereafter.

12. Employment Insurance and Workplace Safety and Insurance Act

The successful tenderer shall, at all times, pay or cause to be paid any assessment or compensation required to be paid pursuant to the Workplace Safety and Insurance Act. The successful tenderer shall, at the time of entering into a contract with the Town, provide to the Town satisfactory proof that all assessments or compensation payable to the Board have been paid and the Town may, at any time during the performance or upon the completion of such contract, require a further declaration that such assessments or compensations have been paid.

A current and valid Certificate of Clearance shall be submitted upon confirmation of a bidder being awarded and accepting the job. The successful tenderer, during the term of the contract, is to provide the Town with any renewed or updated Certificate of Clearance. The Town of Essex will not accept responsibility for obtaining from or on behalf of a successful bidder a current Certificate of Clearance. The successful tenderer clearly understands and agrees that it is their responsibility to maintain and provide a Certificate of Clearance in good standing to the Town throughout the full term of the contract.

The successful tenderer clearly understands and agrees that they are not, nor is anyone hired by the successful tenderer, covered by the Town of Essex under the Workplace Safety and Insurance Board, the Unemployment Act, or any Act, whether Provincial or Federal, in respect of the successful tenderer, their employees and operations, and shall upon request furnish the Town of Essex with such satisfactory evidence that they have complied with the provisions of any such acts.

If the successful tenderer fails to do so, the Town of Essex shall have the right to withhold payments of such sum or sums of money due to them that would be sufficient to cover their default and the Town of Essex shall have the right to pay same. Information on coverage under the Workplace Safety and Insurance Act can be obtained directly from the Workplace Safety and Insurance Board. The Town of Essex is not to be deemed the employer or the supplier of the successful tenderer's personnel under any circumstances whatsoever.

13. Health and Safety, Loss and Damage, Protection of Work and Property

13.1. The Occupational Health and Insurance Act

The successful tenderer shall comply with all conditions and regulations of the Occupational Health and Safety Act and all applicable regulations and amendments thereto, any other Federal or Provincial Statute or Local By-Law concerning safety or any other phase of his work on this contract.

In order to avoid any misunderstanding as to the nature of the work to be performed herein, the successful tenderer, by executing the Contract unequivocally acknowledges that they are the "Constructor" within the meaning of the Occupational Health and Safety Act.

The successful tenderer acknowledges by way of submitting a Quotation that they are the Constructor as defined by the Occupational Health and Safety Act.

The successful tenderer will agree to take full responsibility for any Health and Safety violations as well as the cost to defend such charges as a result of any violation.

13.2. Loss and Damage

The Town will not in any manner be answerable or accountable for any loss or damage that shall or may happen to the said work, or any part of parts thereof respectively, or for any of the materials or other things used and employed in finishing and completing the work or any injury to any person or persons, either workers or the public, or for any damage to the adjoining property. The successful bidder will properly guard and make good all damages which may arise or be occasioned by any cause connected with the contract, or the work done by the successful bidder, and will indemnify and keep the Town of Essex against the same, until the completion of the work required.

13.3. Protection of Work and Property

The contractor shall be held responsible by the Town for all damage caused by himself, his employees, or any sub agents, including damage to subsurface or surface utilities, properties, pavement, sidewalks, curbs, buildings, homes or structures adjacent to or in the general area of the work, through any other cause relating to the work carried out under this contract. Additionally, the Contractor

Request for Tender RFT-ID-23-013
Supply of a Tandem Plow Truck Cab and Chassis 2023

will be required to make good all such damage at his own expense to the satisfaction of both the owner and the Town of Essex.

The Contractor shall be fully responsible for all accidents arising by reason of execution or non-execution, or non-repairs of the said works, or by reason of any failure to comply with the requirements of this clause and shall fully indemnify the Town in respect thereof.

The Contractor shall conduct the work at all times, with the safety of employees on the job and the safety of the public in mind. All work shall be done in accordance with recognized safe working practices and all Government requirements applying to the work.

14. Ability and Experience of Successful Bidder

The successful tenderer must submit satisfactory evidence that they have the ability and experience for this type of product and that they have the necessary plant and capital to enable them to proceed and complete the work in a satisfactory manner.

The Town of Essex may investigate as it deems necessary to determine the ability of the tenderer to perform and the tenderer shall furnish the Town of Essex all such information and data for this purpose as the Town of Essex may request. The Town of Essex reserves the right to reject any tender if the evidence submitted by or investigation of such tenderer fails to satisfy the Town of Essex that the tenderer is qualified to carry out the obligations of the contract.

15. Sub-Contractors and/or Suppliers

If the tenderer proposes to use an alternate product or Sub-Contractor for any part of the work, he shall request approval in writing from the Town. The Town reserves the right at any time to object or refuse to accept any Sub-Contractor or Supplier's product for inclusion in the work, and the Town shall not be required to give any reason for such objection or refusal. No substitute for any Sub-Contractors shall be allowed without written approval from the Town of Essex.

Nothing contained in the Contract Documents shall create any contractual relationship between any Sub-Contractor and the Town of Essex. Should the successful tenderer be requested to change its Sub-Contractor, the Town of Essex

Request for Tender RFT-ID-23-013
Supply of a Tandem Plow Truck Cab and Chassis 2023

will not be responsible for any additional costs incurred by the successful tenderer as a result of this request.

16. Reservation of Right

Tenderers will not have the right to change conditions, terms or prices of the Request for Tender once the tender has been submitted in writing to the Town, nor shall tenderers have the right to withdraw a Tender once it has been submitted.

17. Addenda

The Town of Essex may, at any time prior to the closing date, issue addenda correcting errors, discrepancies or omissions in the Request for Tender, or clarifying the meaning or intent of any provision therein. Any addenda issued after the posting of this Request for Tender will be published on the Town's website at www.essex.ca and Merx up to and including the closing date as indicated in Section 2. It is the sole responsibility of the tenderer to review and respond to published addenda issued following the issuance of this Request for Tender in their submissions.

If addenda are issued prior to three days of closing this Request for Tender, the closing date of this Request for Tender may be adjusted accordingly.

The following apply regarding any request for clarification of any aspect of the RFT:

- (a) Tenderers must submit requests for clarification by fax or email to the RFT Corporate Contact, or as may otherwise be directed by the RFT Corporate Contact.
- (b) In submitting a request for clarification, a tenderer must include its address, telephone number, facsimile number and email address.
- (c) Where a question relates to a specific section of this RFT, reference should be made to the specific section number and page.
- (d) Requests for clarification must be submitted on or before **April 06, 2023**.

The Town of Essex will provide tenderers with written responses to questions that are submitted in accordance with the above mentioned. Questions and answers will be distributed in numbered Addenda to bidders by posting such Addenda on the Town's website at www.essex.ca and Merx. In answering a bidder's questions,

Request for Tender RFT-ID-23-013
Supply of a Tandem Plow Truck Cab and Chassis 2023

The Town of Essex will set out the question(s), but without identifying the tenderer that submitted the question(s) and may, in its sole discretion:

- (a) edit the question(s) for clarity;
- (b) exclude questions that are either unclear or inappropriate; and
- (c) answer similar questions from various tenderers only once.

Where an answer results in any change to the RFT, such answer will be formally evidenced through the issue of a separate Addendum for this purpose.

18. Pricing to Remain Firm

Pricing provided under this Request for Tender shall remain firm for a period of Ninety days from the date of closing this Request for Tender.

19. Harmonized Sales Tax

Changes in taxes due to the introduction of the new Harmonized Sales Tax became effective July 1, 2010. Successful tenderer will be required to provide invoices that meet the Town's reporting and information requirements as it pertains to the Harmonized Sales Tax.

20. Measurement of Payment

Progress payment will be for work completed as of the date of the invoice, upon approval of the Manager, Capital Works and Infrastructure.

This agreement may be terminated should the successful tenderer fail to fulfill the work in its entirety to the satisfaction of the Manger, Capital Works and Infrastructure. In addition, the Town of Essex may suspend the successful tenderer's bidding privileges for a period not exceeding 12 months.

21. Procurement Policy By-Law / Governing Law

Tenders will be called, received, evaluated, accepted and processed in accordance with the Town's Procurement and Purchasing Policy By-Law Number 2129, respecting purchasing (copy available upon request). By submitting a Tender for this subject, the Tenderer agrees to be bound by the terms and conditions of such By-Law and any amendments thereto, as fully as if it were incorporated herein.

Request for Tender RFT-ID-23-013
Supply of a Tandem Plow Truck Cab and Chassis 2023

Any Contract resulting from this Request for Tender shall be governed by and interpreted in accordance with the laws of the Province of Ontario.

22. Method of Submission

22.1. General Requirements

Tenders must be submitted in a sealed envelope by way of hand delivery, courier service, or mail. All Tenders submitted under Request for Tender RFT-ID-20-000 must be clearly marked as follows:

Request for Tender RFT-ID-23-013

Attention: Jackson Tang, Assistant Manager, Business Services
Corporation of the Town of Essex
33 Talbot Street South, Essex, Ontario N8M 1A8

Faxed or e-mailed Tenders provided by any tenderer will be a breach of the Request for Tender and will result in the total rejection of any bids received, or to be received from such tenderer in any form, under this Request for Tender.

22.2. Delivery of Tenders

Tenders delivered through a Courier Service shall be the responsibility of the tenderer and shall result in the submission being rejected where:

- (a) The Tender is delivered to a location other than that stated on the label provided by the Owner;
- (b) The Tender Envelope/Package enclosed in the Courier Envelope does not state "Tender Documents Enclosed" and is not removed from the Courier's Envelope prior to the closing date and time; and/or
- (c) The Tender is delivered later than the closing date and time.

22.3. Submission Labels

The tenderer delivery label as supplied in Appendix E, by the Town of Essex, as part of this Request for Tender and identified in Section 22.4 Mandatory Requirements, must be affixed to the outside of the tenderer's envelope without any extra covering.

Request for Tender RFT-ID-23-013
Supply of a Tandem Plow Truck Cab and Chassis 2023

For Courier delivered documents, tenderers shall ensure that the tender response is enclosed within a separate envelope inside the Courier packaging with the tenderer delivery label affixed to the exterior as identified above.

22.4. Mandatory Requirements

Submissions under this Request for Tender must include all of the following documents in addition to any and all requested documentation as set out within the contents of this Request for Tender. Failure to include any of the following mandatory documents or other documentation as set out within the contents of this Request for Tender, including but not limited to being properly signed/executed, filled out and dated as set forth in each of the individual appendices and statements, will disqualify a tender document submitted in conjunction with this Request for Tender.

- (a) Appendix A - Form of Tender
- (b) Appendix B - Tenderer Identification Sheet.
- (c) Appendix C - Acknowledgement of Tender Documents Received by tenderer and Addenda, duly signed by a person authorized to bind the tenderer organization and affixed with the corporate seal if applicable.
- (d) Appendix D – Specification
- (e) Appendix E - Tender Submission Label

23. Award of Contract

The successful tenderer, once determined, will enter into a standard Purchase Order or Agreement with the Town of Essex. The Proponent and the Corporate Contact will determine payment strategy mutually agreeable and acceptable to both parties. The Standard Payment Terms of the Town of Essex are Net 30 days upon satisfactory completion of job and receipt of invoice.

24. Appendix A – Form of Tender

Request for Tender
Supply of a Tandem Plow Truck Cab and Chassis 2023
(Must be returned with Tender)

Tender By: _____

Address: _____

Phone Number / Fax Number / Email Address: _____

I/We (the tenderer) promise to commence supply by _____
and to diligently perform the work continuously without undue delay and further
agree to complete the work by _____, 2023.

Item One: Tandem Plow Truck Cab & Chassis 2023 - New Build

Tender Price: \$ _____

Harmonized Sales Tax (H.S.T.) 13%: \$ _____

Total Tender Price including H.S.T. \$ _____

Optional Pricing:

Item A: 46,000 lbs Hendrikson primaax EX (Rear Axle)

Price: \$ _____

Harmonized Sales Tax (H.S.T.) 13%: \$ _____

Total Price including H.S.T. \$ _____

Item B: Extended Warranty – Please specify the number of years for the extended
warranty period _____ years and the cost is \$ _____ including H.S.T.

I have the authority to bind this Corporation
Corporate Seal (if applicable)

25. Appendix B - Tenderer Identification Sheet

(Must be returned with Tender)

Name of Tenderer/Business: _____

Contact Person's Name: (if applicable) _____

Mailing Address: _____

City and Province: _____

Postal Code: _____

Telephone Number: _____

Facsimile Number: _____

Cell Phone Number: _____

Email Address: _____

Signing Authority Name (if applicable): _____

Tenderer or Signing Official Signature: _____

I have the authority to bind this Corporation

Corporate Seal (if applicable)

26. Appendix C-Acknowledgement of Tender Documents

**Received by Tenderer and Addenda for
Request for Tender
Supply of a Tandem Plow Truck Cab and Chassis 2023
(Must be returned with Tender)**

By affixing my/our signature below, the Tenderer or authorized agent, hereby acknowledges and confirms the following four paragraphs:

- (a) I/We declare that this tender is made without any connection, knowledge, comparison of figures or arrangements with any other company, firm or person submitting a Tender for the supply of the same goods and services.
- (b) I/We declare that I/We have carefully read this document and have satisfied ourselves as to the nature of the goods and services required and do hereby make our bid to the Corporation of the Town of Essex for the goods and services described herein.
- (c) I/We acknowledge that we have received the following addendum to this Request for Tender and that it is my/our responsibility to ensure that all addenda issued by the Corporation of the Town of Essex has been received.

Number of last addendum _____

Description of last addendum _____

Signing Authority Name (if applicable) _____

Date of Signature _____

Tenderer or Signing Official Signature _____

I have the authority to bind this Corporation

Corporate Seal (if applicable)

27. Appendix D-Specifications

Supply of a Tandem Plow Truck Cab and Chassis 2023

(Must be returned with the Tender Documents)

Item: Make / Model

Year: _____

Make: _____

Model: _____

Transmission: _____

Cab to Axle shall be 3,500mm (130 in.) approximately.

Note: The proponent shall confirm C.A with the body builder prior to ordering.

Wheel base shall be 5,207 mm (205 in.) minimum.

Specify: _____

Item: Vehicle Weight

Gross Vehicle Weight: _____

The allowable Gross Vehicle Weight as supplied shall be shown on a metal or mylar tag.

Specify: _____

Chassis weight shall be 7,801 kg. (17,200lbs.) minimum.

Specify: _____

Item: Axles

Front axle shall be 10,432 kg. (23,000 lbs.)

Specify: _____

Front spring suspension, 5,216 kg. (11,500 lbs.) each side, front axle to be **set back**.

Make: _____

Model: _____

Capacity: _____

Request for Tender RFT-ID-23-013
Supply of a Tandem Plow Truck Cab and Chassis 2023

Rear axle shall be 18,144 kg. (46,000lbs.) capacity with 137cm. (54 in.) spread.

Make: _____

Model: _____

Capacity: _____

Rear axle shall be tandem dual drive with driver controlled traction differential for both axles,
approved ratio is 4:63

Specify: _____

Axle Ratio: _____

Rear suspension Hendrickson HMX – 460-54, Walking Beam type 18, 144 kg. (46,000 lbs.)

Capacity.

Specify: _____

Synthetic lube for rear axles shall be supplied.

Specify: _____

Approved axles shall be:

Eaton- DS-461P

Spicer – J400S

Meritor – RT – 46 – 160

Road speed at rated engine revolutions per minute in top gear shall be 100 km. per hour.

Specify: _____

Item: Brakes

Service brakes shall be full air brakes.

Specify: _____

Front brakes shall be 419mm x 127mm, 16 ½" x 6" minimum, S cam type.

Specify: _____

Rear brakes shall be Rockwell/Meritor: PSMA 312 4707 QP, 419mm x 177mm, 16 1/2" x 7" minimum, S cam type.

Specify: _____

Request for Tender RFT-ID-23-013
Supply of a Tandem Plow Truck Cab and Chassis 2023

Air compressor – 37 cfm capacity minimum.

Specify: _____

Intake to air compressor shall be supplied with dry type air cleaner.

Specify: _____

Bendix air dryer Model # AD-IP with heater shall be supplied.

Specify: _____

The air reservoir shall be heated with a drain valve, it shall be possible to activate the valve manually.

Specify: _____

Meritor automatic slack adjusters shall be supplied.

Specify: _____

Item: Trailer Package

Truck shall be equipped with palm valve, spike valve and tractor protection valve.

Specify: _____

Supply and install all necessary airlines and electrical for future pintle plate installation.

Specify: _____

Item: Frame

Frame resisting bending moment shall be 3,720,000 in./lbs.

Specify: _____

Front frame extensions shall be supplied suited for Snow and Ice Equipment installation.

Specify: _____

Frame with C channel reinforcement and section Modules 31.72, double channel, frame heat treated or equal.

Specify: _____

Snowplow cheek plates shall be possible.

Specify: _____

Request for Tender RFT-ID-23-013
Supply of a Tandem Plow Truck Cab and Chassis 2023

Item: Suspension

Front spring capacity at the ground 5,216 kg. (11,500 lbs.) each minimum.

Specify: _____

Rear springs capacity at the ground shall be 10,432 kg. (23,000 lbs.) each minimum.

Specify: _____

Front Axle Heavy duty shock absorbers shall be supplied.

Specify: _____

Rear Axle Heavy duty shock absorbers shall be supplied.

Specify: _____

High mount Brake chambers, not to extend beyond the tire treads. No piece can protrude beyond the tire tread

Specify: _____

Item: Diesel Engine with 2010 Emission Controls

13 litre Engine minimum.

Specify: _____

In line six-cylinder wet sleeve diesel; 410 horsepower minimum at O.E.M. rated at r.p.m. (SAE J1349).

Specify: _____

Net torque shall be 1525 ft. lbs. minimum @ rated r.p.m.

Specify: _____

Item: Transmission

Transmission shall be Allison 4500 – RDS – 6 speed automatic with double overdrive.

Specify: _____

Synthetic transmission fluid.

Specify: _____

Transmission temperature gauge shall be supplied.

Specify: _____

Request for Tender RFT-ID-23-013
Supply of a Tandem Plow Truck Cab and Chassis 2023

Keypad shift control on dash.

Specify: _____

Transmission water to oil cooler.

Specify: _____

Item: Engine Equipment

Air cleaner – heavy duty dry type shall be supplied.

Specify: _____

Oil filter – full flow 2.2 L / ½ gallon capacity minimum.

Specify: _____

Alternator shall be 160 amperes capacity minimum with diode rectifiers.

Specify: _____

Governor – built in type shall be supplied.

Specify: _____

Three (3) batteries, 2775 cold cranking amperes minimum, batteries to be mounted on the passenger or drivers side below frame under the corner of the cab.

Specify: _____

Stainless steel battery box cover shall be supplied.

Specify: _____

Engine protection alarm – coolant and oil pressure.

Specify: _____

Corrosion resister (spin on water filter) for coolant shall be supplied.

Specify: _____

Vertical chrome exhaust pipe on the passenger side with 90-degree elbow.

Specify: _____

Exhaust muffler shall be mounted horizontal and the whole installation shall not interfere with the mounting of a snow plow wing assembly.

Specify: _____

If the crankshaft is not located low enough below the radiator to allow the installation of a front mount pump and drive shaft, a minimum 88mm (3 ½”) diameter opening through the

Request for Tender RFT-ID-23-013
Supply of a Tandem Plow Truck Cab and Chassis 2023

radiator shall be provided centered with the crankshaft of the engine to allow adequate clearance of the power take off shaft.

Specify: _____

Crankshaft shall be provided with a 1350 Series adapter for power take off drive and frame extension for the hydraulic pump.

Specify: _____

Air cleaner – single element with integral snow valve and in cab dash mounted driver control for winter and summer operation mode.

Specify: _____

Original manufacturer's equipment skirting under the hood with sound abatement package.

Specify: _____

Item: Cab

Conventional air ride cab with premium cab package with heavy duty cab insulation from the factory.

Specify: _____

Grab bars on each side of the cab to assist three-point entry and exit shall be supplied.

Specify: _____

Drivers and Passenger high back National 2000 air ride cloth seats with armrests, adjustable lumbar mode.

Specify: _____

Three (3) piece front tilt hood with chrome stationary grille and two (2) service hatches for checking oil, transmission fluid, bug screen in behind the stationary grille.

Specify: _____

Heavy duty rubber floor matting with felt backing.

Specify: _____

Heavy Duty Rubber removable floor mats drivers / passenger shall be supplied

Specify: _____

Original manufacturer's equipment tinted glass – all windows

Specify: _____

Sun visors, dual, shall be supplied

Specify: _____

Request for Tender RFT-ID-23-013
Supply of a Tandem Plow Truck Cab and Chassis 2023

Intermittent windshield wipers with winter blades.

Specify: _____

Chrome or Stainless Lang Merka rectangular west coast 7.44" x 14.84" brackets breakaway type with 102" wide spacing with 7.44" square convex on both sides, with all heated heads, thermostatically controlled.

Specify: _____

Chrome look down mirror, Lang Merka convex style right hand door mounted safety mirror.

Specify: _____

Air conditioner – with integral heater and defroster to include fresh air filter.

Specify: _____

Running boards supplied with step tank not used.

Specify: _____

Horns both electric and air shall be equipped with snow shields, including roof mounted horns.

Specify: _____

Engine hour meter shall be supplied.

Specify: _____

Exterior sun visor with L.E.D. clearance lights colour coded to chassis colour.

Specify: _____

Manufacturers pre-trip dash switch so that when the operator performs the circle check, all chassis, body lights work in series.

Specify: _____

Remote dip stick location for engine, transmission can be checked when the hood hatches are opened.

Specify: _____

Fire extinguisher 2.2 kg. (5lbs) mounted in the cab beside the driver's seat and fully accessible when the driver's door is open.

Specify: _____

Manufacturer's safety reflective triangle kit in cab.

Specify: _____

Manufacturer's first aid kit shall be supplied.

Specify: _____

Request for Tender RFT-ID-23-013
Supply of a Tandem Plow Truck Cab and Chassis 2023

Dual power outlets in dash with circuit breaker protection.

Specify: _____

Circuit breakers in lieu of fuses shall be supplied.

Specify: _____

Interior padded insulated headliner, padded insulated cloth door panels, insulated padded rear cab wall.

Specify: _____

Gauge package, engine oil pressure, coolant temperature Fuel, tachometer, voltmeter, washer fluid level, odometer display warning system. Low fuel, low oil pressure, high engine coolant temperature, low battery voltage, visual, D.E.F. Fluid, audible alarms.

Specify: _____

AM-FM –MP3 stereo clock radio with blue tooth capabilities shall be supplied.

Specify: _____

Seat belts – to current safety regulations, High Visibility .

Specify: _____

Ignition switch to have accessory position for radio purposes.

Specify: _____

Nothing to be mounted on the frame rails behind the cab on the right side to allow for snow plow installations. Configuration to be approved by Snow & Ice Equipment Supplier.

Specify: _____

Arm rests for driver and passenger doors.

Specify: _____

Rain gutters and drip moldings shall be supplied.

Specify: _____

Drivers controlled power window and locks shall be supplied.

Specify: _____

Steering wheel shall be 45.75cm (18") telescopic tilt.

Specify: _____

Front fender extension with full width front quarter mud flaps shall be supplied.

Specify: _____

Item: Wheels and Tires

Rear tire – eight (8) first line belted radials, tubeless Type, 11R 22.5 H 16 ply rating shall be supplied.

(Michelin XDS – 2) no substitutions

Specify: _____

Front tires – two (2) first line steel belted radials, tubeless type 425 – 65- R22.5L 20 ply rating shall be supplied.

(Michelin XZY - 3) no substitutions

Specify: _____

Tread design: Front – standard off road construction tread

Rear – standard traction tread

Specify: _____

Eight (8) Alcoa aluminum wheel rims 571 mm x 209mm – 22.5 in. x 8.25 in. shall be supplied.

Specify: _____

Two (2) Alcoa Aluminum front wheel rims 425 – 65 – R22.5L shall be supplied.

Specify: _____

Nylon wheel guards on front and rear – all interfaces.

Specify: _____

Item: Lights

Two amber front directional signal lights, self-cancelling shall be supplied.

Specify: _____

Amber lights – five (5) top of cab shall be supplied.

Specify: _____

Two rear red directional signal lights shall be supplied.

Specify: _____

Stop lights shall be supplied.

Specify: _____

Four – way flashers shall be supplied.

Specify: _____

Request for Tender RFT-ID-23-013
Supply of a Tandem Plow Truck Cab and Chassis 2023

Back – up lights shall be supplied.

Specify: _____

Back – up alarm minimum 102 db. rating.

Specify: _____

In – cab builders wiring junction box, includes sealed connectors for tail, amber turn markers, back – up and accessory power, ground and sealed connector for stop, turn.

Specify: _____

OEM seven wire trailer cable to be installed from in cab to rear of frame available for body builder accessories.

Specify: _____

OEM trailer airline package to be installed from cab trailer controls to rear of frame available for Body builder accessories.

Specify: _____

Manufactures standard auxiliary plow harness for Halogen plow harness lights plus in – cab dash switches.

Specify: _____

Item: Paint

Interior shall be Manufactures standard white.

Specify: _____

Exterior paint shall be manufacturer’s standard white.

Specify: _____

Item: Steering

Dual power steering boxes –Sheppard M – 100 or approved equivalent.

Specify: _____

Item: Fuel Tank

Single 207 litre (80 U.S. gallon) non polished aluminum fuel tank with aluminum expanded medal steps including stainless steel straps.

Specify: _____

Request for Tender RFT-ID-23-013
Supply of a Tandem Plow Truck Cab and Chassis 2023

Item: Attachments

Extended life anti-freeze shall be supplied -35 degrees C.

Specify: _____

Fuel filter shall be supplied.

Specify: _____

Heavy duty fuel / water separator with heater and sight glass shall be supplied.

Specify: _____

Pneumatic automatic greasing system:

Groeneveld C.P.L. Model # E P O/ Lubecor installed as per manufacturers specifications for municipal equipment or approved equivalent.

Specify: _____

Shop manual and parts book to be supplied on CD Rom.

Specify: _____

Item: Warranty

Signed manufacturers standard warranty sheets shall be supplied with bid submission.

Specify: _____

Where minimums are called for the vehicle shall meet or exceed the capacity, size or performance specified.

Specify: _____

This specification lists only the major details of a unit, therefore it is the supplier's responsibility to deliver a fully equipped vehicle compatible components to provide dependable efficient service for snow plow operations. Vehicle shall meet, or surpass, the mandatory requirements of the Canadian Motor Vehicle Safety, Standards (SOR 70-487) Amended and bear the national safety mark.

Yes: _____

No: _____

This vehicle shall be supplied with valid periodic Mandatory Commercial Vehicle Inspection (P.M.C.V.) sticker.

Yes: _____

NO: _____

Extended warranty options

Specify: _____

END

28. Appendix E - Tender Submission Label

(Must be returned with Tender affixed to the outside of the envelope)

Tenderer Delivery Label

From: _____

Contact: _____

Telephone: _____

Deliver To:

The Corporation of the Town of Essex
Request for Tender – Supply of a Tandem Plow Truck Cab & Chassis 2023
Attention: Jackson Tang, Assistant Manager, Business Services
E-Mail: jtang@essex.ca
33 Talbot Street South, Essex, Ontario, N8M 1A8