



**The Corporation of the Township of Douro-Dummer**

**Request for Proposal**

**Identification: PW -2021-08**

**Supply of One (1) new 60,000lb GVWR Cab & Chassis Truck with Front Plow, Wing, and All-Season Combination Dump Body/Spreader**

**PW - Public Works**

**Tender Closing**

**Date: Friday, July 23, 2021**

**Time: 12:00PM (noon) local time**

**Location: The Township of Douro-Dummer  
894 South Street  
Warsaw, Ontario K0L 3A0**

**Late Bids Will Not Be Accepted.**

**The Corporation of the Township of Douro-Dummer reserves the right to accept or reject all or part of any Bid and also reserves the right to accept other than the lowest Bid and to cancel this Call for Bids at any time.**

## **"Part A" Information to Bidders**

### **1. Purpose**

The Township of Douro-Dummer is requesting tender submission for the supply and delivery of One (1) new (2021) 60,000lb GVWR Cab and Chassis Truck with Front Plow, Wing and All-Season Combination Dump Body/Spreader. The truck will be used for plowing and sanding Township of Douro-Dummer Roads.

### **2. Proposal Copies**

Proposals will be received by:

The Corporation of the Township of Douro-Dummer  
894 South Street  
Warsaw, Ontario K0L 3A0

One (1) original copy and one (1) photocopy of the Proposal properly signed and sealed shall arrive at the office of the Township of Douro-Dummer, 894 South Street, Warsaw, Ontario K0L 3A0.

### **3. Proposal Closing**

Proposals must be delivered to the above address before 12:00 p.m. (noon) on Friday, July 23, 2021. Time registered on the Township of Douro-Dummer Reception computer will be considered the official time when determining exact time of submission.

### **4. Proposal Award**

It is understood that any reference herein to Lowest Bidder or Lowest Tender is replaced by Highest Overall Scored Proponent. Proposal award shall be made only upon the basis of the highest overall scored proponent in the evaluation process.

### **5. Evaluation Criteria**

Proposals shall be evaluated based on:

- A) Company Profile/Service/Support and References
- B) Proponents ability to perform Contract
- C) Purchase Price
- D) Product Review

Evaluation of each proposal relative to the others shall give due consideration to:

Township of Douro-Dummer  
Supply of One (1) new 60,000lb GVWR Cab & Chassis Truck with Front Plow, Wing, and All-Season  
Combination Dump Body/Spreader

	Weight
A) Company Profile/Service/Support and References	25%
B) Proponents capability to perform this Contract shall be based on the firm's prior experience in supplying and providing training for the proposed equipment, delivery, time, safety features and warranty provided	20%
C) Purchase Price	35%
D) Product review, and any additional value-added services included in the Proposal at no additional cost	20%

**Each Bidder is asked to submit one (1) original and one (1) copy of their proposal.**

## **6. Inquiry**

Any questions regarding this tender should be directed to:

Jake Condon, CRS  
 Manager of Public Works  
 Township of Douro-Dummer  
 (705) 652-8402  
 Email: [jakec@dourodummer.on.ca](mailto:jakec@dourodummer.on.ca)

## **7. Amendments to "Standard Terms and Conditions"**

Where Amendments to the Township's "Standard Terms and Conditions" are contained herein, it should be noted that these Amendments supersede any of the foregoing Terms and Conditions.

## **8. Multiple Proposals**

Where a proponent believes his/her company provides more than one suitable option that meets the specification provided, then more than one proposal is acceptable, but must be submitted entirely separate, as if it was the only one being submitted and individual sample of each must also be provided.

## **“Part B” Standard Terms and Conditions**

### **1. Definitions**

Bid	The document issued by the Township in response to which Quotations/Tenders/Proposals are invited for the performance of the work or supply of equipment.
Bidder	A person (s), firm(s) or corporation(s) who has submitted a bid.
Company	The person(s), firm(s) or corporation(s) to whom the Township has awarded the contract.
Contract	The purchase order authorizing the company to do the work, the Quotation/Tender/Proposal, the bonds or security (if any), the company's Quotation/Tender/Proposal, and change notices, appendices, and addenda (if any), Formal contract.
Township	The Township of Douro-Dummer, its successors and assigns.
Equipment	The materials, machinery, assemblies, instruments, devices or articles as the case may be, or components thereof, which are the subject of the contract.
Subcontractor	A person(s), firm(s) or corporation(s) having a contract with the company for any part of the work.
Work	All materials, equipment fixtures, services, supplies, and acts required to be done, furnished and/or performed by the company.

### **2. Bid Closing Time**

One (1) original and one (1) copy of the bid document, or as otherwise requested herein, properly signed and sealed and clearly marked as to its contents, shall arrive at the Municipal office of the Township of Douro-Dummer, 894 South Street, Warsaw, Ontario, K0L 3A0 no later than the specified time and closing date indicated on the cover page of the document. Late bids shall not be accepted; however they shall be time and date stamped and returned to the Bidder unopened upon request.

The Township of Douro-Dummer's time mechanism will be considered the official time when determining exact time of submission.

### **3. Bid Requirements**

Bidders are required to conform to the conditions listed below and those failing to do so may be subject to disqualification.

- a) Bids must be submitted on the bid form supplied by the Township. Bid submissions must not be restricted by a statement added to the bid form or by a covering letter, or by alterations to the bid form supplied unless otherwise provided in the bid document.
- b) Bid submissions shall consist of "Part "D" Bid Form" and all other sections and requirements as requested within the bid document. See "Part "D" Bid Form" for all requirements requested within the bid document.
- c) The Bid Form shall be signed in the space(s) provided by a duly authorized official of the entity bidding. If a joint Bid is submitted, it shall be signed on behalf of each of the Bidders and if the signing authority for both Bidders is vested in one individual, he/she shall sign separately on their behalf. Signatures on behalf of non-incorporated bodies or by individuals shall be witnessed. In the case of an incorporated Company, the corporate seal should be affixed to the Bid Form adjacent to the authorized signature.
- d) Bids must be legible, written in ink or typewritten. Erasures, over-writing or strikeouts must be initialed by the person signing on behalf of the Company.
- e) Adjustments by telephone, facsimile (Fax), e-mail or letter to a bid already submitted will not be considered. A bidder desiring to make adjustments to a bid must withdraw the bid and/or supersede it with a later bid submission prior to the specified bid closing time.
- f) Bids must be submitted in individually sealed envelopes and must clearly identify the name of the company, address of company, and tender number on the outside of the envelope. Quotation/Tenders/Proposals received after closing time specified in the bid document will not be considered.

#### **Faxed Bid Submissions are not acceptable**

- g) Delivery of the Bid submission through a Courier Service shall be the responsibility of the Bidder and shall result in the submission being rejected where:
  - a. Bid submission is delivered to a location other than which is stated on the submission and fails to be delivered to the Municipal Office of the Township of Douro-Dummer's Office prior to the closing date and time; and/or

- b. Bid submission which is enclosed in the Courier Envelope that does not state, "Bid Document Enclosed" and is not removed from the Courier's Envelope prior to the closing date and time; and/or
  - c. Bid submission is delivered later than the closing date and time.
- h) Each item in the bid document shall be a reasonable price for such item. Bids that contain prices which appear to be unbalanced as to affect adversely the interest of the Township may be rejected. The Township will be the sole judge in this matter.

#### **4. Bidders Statement of Understanding**

It is understood that the Bidder has carefully examined all of the bid documents and have carefully examined the Work to be performed under the Contract if awarded. The Bidder also understands and accepts the said bid documents, and for the prices set forth in the Bid, hereby offers to furnish all labour, machinery, tools, apparatus and other means of implementation, and materials to complete the terms and conditions and requirements in strict accordance with the bid documents.

None of the conditions contained in the Bidder's (seller's) standard or general (printed) conditions of sale shall be of any effect unless explicitly agreed to by the Township as set forth or specifically referred to therein.

The Bidder declares that his submission is not made in connection with any other bidder submitting an offer for the same commodity or commodities, and is in all respects fair and without collusion and fraud.

The contract shall be governed and interpreted in accordance with the laws of the Province of Ontario.

#### **5. Clarification of Bid Documents**

No officer, agent or employee of the Township is authorized to alter orally any portion of these documents. During the period prior to submission of Quotations/Tenders/Proposals, alterations will be issued to Bidders as written addenda. The Bidder shall list in its Bid all addenda that were considered when its Quotation/Tender/Proposal was prepared.

The Township will issue all written addendum to the bid documents to each bidder or prospective Bidder via e-mail, Fax or electronic posting.

Bidders are required to confirm receipt of each addendum. Although the Township will make every reasonable effort to ensure that each Bidder receives all addenda issued, it is each Bidder's ultimate responsibility to ensure all addenda have been received.

## **6. Insurance and Workplace Safety Insurance Board**

The successful bidder shall deliver a certified copy of the Firm's Public Liability and Property Damage Insurance, and where applicable the bidder shall carry standard automobile and non-owned automobile liability insurance Policy for the works, within ten (10) working days of receiving the Acceptance Notice. Coverage shall be at least \$2,000,000.00 per incident, with the Township of Douro-Dummer named as additional insured. Additional coverage may be required.

See Part "A" Information to Bidders, which form part of this bid document for additional requirements.

The successful bidder will be required to submit proof of Workplace Safety Insurance Board Coverage, within ten (10) working days of receiving the Acceptance Notice and shall provide additional certificates as often as is deemed necessary by the Township during the term of the contract to ensure continued good standing with the Workplace Safety & Insurance Board.

**or**

The successful bidder shall provide proof to the Township from the Workplace Safety & Insurance Board that the bidder does not require Workplace Safety & Insurance Board Insurance. If the successful bidder changes its status with the Workplace Safety & Insurance Board during the term of the contract such that coverage is required, the successful bidder shall immediately provide the Township with the W.S.I.B. Clearance Certificate.

Failure to provide such proof shall result in cancellation of the Contract.

## **7. Proof of Ability**

The Bidder may be required to show, in terms of experience and facilities, evidence of its ability, as well as that of any proposed subcontractor, to perform the work by the specified delivery date.

## **8. Document and Site Review**

Bidders may be required to attend a mandatory document and site visit with the Township.

See Part "A" Information to Bidders, which form part of this bid document.

The Submission of a Bid shall indicate that the bidder agrees and warrants that he has examined the site and all conditions relevant thereto, and all the separate documents, drawings, specifications and addenda and that the bid submitted covers the cost of all the items required in the contract. No claims for extras will be entertained on account of conditions, which could be observed on the site at the time bids were submitted. See Part "C" Specifications, which form part of this bid document.

### **9. Pricing Requirement**

Prices shall be in Canadian Funds, quoted separately for each item stipulated F.O.B. the point specified therein.

All prices bid shall include applicable taxes, customs duty, excise tax, freight, insurance and all other charges of every kind attributable to the work. Harmonized Sales Tax shall be shown as extra, unless otherwise specified. If the Bidder intends to manufacture or fabricate any part of the work outside of Canada, it shall arrange its shipping procedures so that its agent or representative in Canada is the Importer of record for customs purposes.

Except as may be provided in Part "C" Specifications, in the Quotation/Tender/Proposal document, the prices bid shall not be subject to adjustment for any cost of the work to the Company.

In the event of any discrepancy between the unit price and the extension, the unit price shall govern.

### **10. Terms of Payment**

Unless progress payments or any alternate payment terms are specified in the contract, the contract price may be invoiced after delivery and shall be payable 30 days from receipt of invoice. The effect of any alternative payment terms, stated clearly in the bid submission will be considered in the evaluation of bids. The Township shall have the right to withhold from any sum otherwise payable to the Company such amount as may be sufficient to remedy any defect or deficiency in the work, pending correction of the same.

### **11. Terms of Payment – for Construction Projects**

Payment for materials supplied and work completed shall be on a monthly basis at the rate of 90%, providing for a 10% holdback in accordance with the Construction Lien Act, 1990, or its latest edition.

After performance acceptance of the work, and in accordance with the Construction Lien Act, 1990, or its latest edition, the holdback will be paid (after the hold back period and



in the absence of no claims), to the Company upon receipt of a Statutory Declaration that all accounts and labour have been paid in full, receipt of a Workplace Safety & Insurance Certificate of Clearance and receipt of all "As Built" drawings and maintenance manuals, where applicable. Upon inspection and correction of any deficiencies at the end of the maintenance period, to the satisfaction of the Director or designate the Performance Sureties will be returned to the Company.

All payments will be made within thirty (30) days from receipt of an approved invoice. All invoices must be approved by the Department Manager or designate.

## **12. Delivery**

Time shall be material and of the essence of the contract.

All bids shall be F.O.B. Destination, Warsaw, Ontario unless otherwise noted in the bid document. The Company shall be responsible for arranging its work so that completion shall be as specified in the contract.

## **13. Patents and Copyrights**

The Company shall at its expense, defend all claims, actions or proceedings against the Township based on any allegations that the work or any part of the work constitutes an infringement of any patent, copyright or other proprietary right and shall pay to the Township all costs, damages, charges and expenses, including its legal fees.

The Company shall pay all royalties and patent license fees required for the work.

If the work or any part thereof is in any action or proceeding held to constitute an infringement, the Company shall forthwith either secure for the Township the right to continue using the work, or shall at the Company's expense, replace the infringing items with non-infringing work or modify them so that the work no longer infringes.

## **14. Assignment**

The Company shall not assign the contract or any portion thereof without the prior written consent of the Township.

## **15. Occupational Health and Safety Act**

The successful bidder, for purposes of the Ontario Occupational Health and Safety Act, shall be designated as the Constructor for this project and shall assume all of the responsibilities of the Constructor as set out in that Act and its regulations. The foregoing shall apply notwithstanding that the successful bidder has been referred to as the 'Company' in this and any other related document.

The Company acknowledges that he/she has read and understood the Occupational Health and Safety Act together with the Township's Health and Safety Policies and Procedures.

The Company covenants and agrees to observe strictly and faithfully the provisions of the said Occupational Health and Safety Act and all regulations and rules promulgated there under together with the Township's Health and Safety Policies and Procedures. The Company agrees to indemnify and save the Township harmless for damages or fines arising from any breach or breaches of the said Occupational Health and Safety Act and/or the Township's Health and Safety Policies and Procedures.

The Company agrees to assume full responsibility for the enforcement of the said Occupational Health and Safety Act and the Township's Health and Safety Policies and Procedures and to ensure compliance therewith.

The Company further acknowledges and agrees that any breach or breaches of the Occupational Health and Safety Act and/or the Township's Health and Safety Policies and Procedures whether by the Company or any of its sub-contractors may result in the Company and/or sub-contractor being removed from the site and in the immediate termination of this contract herein and the forfeiture of all sums owing to the Company by the Township.

The Company shall allow access to the work site on demand to representatives of the Township to inspect work sites to ensure compliance with the Contract and the Township's Policies and Procedures.

The Company agrees that any damages or fines that may be assessed against the Township by reason of a breach or breaches of the Occupational Health and Safety Act by the Company or any of its sub-contractors will entitle the Township to set-off the damages so assessed against any monies that the Township may from time to time owe the Company under this contract or under any other contract whatsoever.

Where any portion of the work or services in this Contract is contracted to a sub-contractor, the Company agrees that the provisions of this section will apply to the sub-contractor and the Company will enforce said provisions.

The Company shall provide a list of all controlled hazardous materials or products containing hazardous materials, all physical agents or devices or equipment producing or omitting physical agents and any substance, compound, product or physical agent that is deemed to be or contains a designated substance in accordance with the Workplace Hazardous Materials Information System (WHMIS) as defined under the Ontario Occupational Health & Safety Act and shall provide appropriate Material Health & Safety

Data sheets for these substances used for the performance of the required work, all prior to the performance of said work.

Where hazardous materials, physical agents and/or designated substances are used in the performance of the required work, the Company shall ensure that the requirements of the Ontario Occupational Health & Safety Act and associated regulations are complied with.

The Township reserves the right to cancel any contract for non-compliance with the terms set out herein, health and safety regulations, the Environmental Protection Act, associated regulations and other applicable legislation.

#### **16. Laws, Regulations, Permits, Fees and Licenses**

The Company shall comply with relevant federal, provincial and municipal statutes, regulations and by-laws pertaining to the work and its performance. The Company shall be responsible for ensuring compliance by its suppliers and subcontractors.

The contract shall be governed by and interpreted in accordance with the laws of the Province of Ontario.

The Company shall pay for all permits, licenses and fees, and give all notices and comply with all by-laws and regulations of the Township and any other governing body.

#### **17. Substitutes and Alternates**

Unless qualified by the provision "No Substitute", the use of the name of a manufacturer, brand, make or catalogue designation in specifying an item does not restrict bidders to that manufacturer, brand, make or catalogue designation identification. This is used simply to indicate the character, quality and/or performance of the goods and/or services desired, but the goods and/or services on which bids are submitted must be of such character, quality and/or performance that it will serve the purpose for which it is to be used as well as that specified. In submitting a bid on goods and/or services other than as specified, the bidder must furnish complete data and identification with respect to the alternate goods and/or services he/she proposes to furnish.

Consideration will be given to bids submitted on alternate goods and/or services to the extent that such action is deemed to serve the best interests of the Township. If the bidder does not indicate that the goods and/or services he/she proposes to furnish is other than specified, it will be construed to mean that the bidder proposes to furnish the exact goods and/or services as described in the bid document.

## **18. Quantities**

Where quantities are shown as approximate, they are not guaranteed to be accurate and are furnished without any liability on behalf of the Township and shall be used as a basis for comparison only.

## **19. Samples**

Samples when required must be submitted strictly in accordance with instructions. If samples are requested subsequent to the opening of the bid, they shall be delivered within three (3) working days following request, unless additional time is granted. Samples must be submitted free of charge and will be returned at the bidder's expense, if so requested, provided they have not been destroyed by tests, or provided they are not required for comparison purposes.

The acceptance of samples by the Township shall be at its sole discretion and any such acceptance shall in no way be construed to imply relief of the Company from its obligations under the contract.

## **20. Quotation/Tender/Proposal Procedures**

Quotation/Tender/Proposal will be called, received, evaluated, accepted and processed in accordance with the Township's Procurement Policy.

## **21. Contract Award**

The Township reserves the right to award by item, or part thereof, groups of items, or parts thereof, or all items of the bid, and to award contracts to one or more bidders submitting identical Bids as to price; to accept or reject any Bids in whole or in part; to waive irregularities and omissions. The Township also reserves the right to enter into negotiations with the lowest compliant bidder if the price bid is over the budgeted amount of the project. Should the Township be unable to reach an agreement with the lowest compliant bidder, the Township reserves the right to enter into negotiations with the next lowest compliant bidder, or to cancel the call. If in so doing, the best interests of the Township will be served. No liability shall accrue to the Township for its decision in this regard.

The lowest or any bid may not necessarily be accepted as the Township of Douro-Dummer reserves the right to reject any or all bids. Bids shall be irrevocable for 90 days after the official closing time and the Township may at any time within that period without notice, accept a Bid whether any other Bid has been previously accepted or not.

All Bids are prepared at the sole risk and cost of the bidders. No payments shall be made to any bidder regarding the preparation and submission of Bids.

Award of this contract is subject to appropriate funding acceptable to the Township.

The Notice of Award to the successful bidder shall constitute notice of acceptance of contract. This acceptance shall be conditional on the bidder providing all documentation, security and certifications as required by the Bid Document within ten (10) working days of the date that the notice of award is placed in the mail or delivered to the bidder. The bidder to whom the contract is awarded will be notified by letter and/or email with Council's resolution where required.

## **22. Contract Cancellation**

The Township shall have the right, which may be exercised from time to time to cancel any uncompleted or unperformed portion of the work or part thereof. In the event of such cancellation, the Township and the Company shall negotiate a settlement.

- a) If the Company; commits any act of bankruptcy; or if a receiver is appointed on account of its insolvency or in respect of any of its property; or if the Company makes a general assignment for the benefit of its creditors; then, in any such case, the Township may, without notice; terminate the contract.
- b) If the Company; fails to comply with any request, instruction or order of the Township; or fails to pay its accounts; or fails to comply with or persistently disregard statutes, regulations, by-laws or directives of relevant authorities relating to the work; or fails to prosecute the work with the skill and diligence; or assigns or sublets the contract or any portion thereof without the Township's written consent; or refuses to correct defective work; or is otherwise in default in carrying out its part of any of the terms, conditions and obligations of the contract, then, in any such case, the Township may, upon expiration of ten (10) days from the date of written notice to the Company, terminate the contract.
- c) Any termination of the contract by the Township, as aforesaid, shall be without prejudice to any other rights or remedies the Township may have.
- d) If the Township terminates the contract, it is entitled to:
  - i. Take possession of all of the work in progress and finish the work by whatever means the Township may deem appropriate under the circumstances;
  - ii. Withhold any further payments to the Company until its liability to the Township is ascertained;
  - iii. Recover from the Company loss, damage and expense incurred by the Township by reason of the Company's default (which may be deducted from

any monies due or becoming due to the Company, any balance to be paid by the Company to the Township).

The Township shall not be liable to the Company for loss of anticipated profit on the cancelled portion or portions of the work.

### **23. Contract Extension Option**

If so desired by the Township, a contract extension may be extended for an additional two years. Within two months of the anniversary of the contract or extension of contract in year two, the Township has the option to negotiate a price with the selected company and if satisfied with the product and price, an extension to the contract will be presented.

### **24. Availability of Labour and Escalation**

The bidder shall fully inform himself regarding availability of labour in the area relative to the requirements of the schedule. The bidder shall make his own assessment of escalation in costs and increased labour costs and include all of these costs in his bid.

### **25. Correction of Defects**

If at any time prior to one year (or specified warranty/guarantee period if longer than one year) after the actual delivery date of the equipment any part of the equipment becomes defective or is deficient or fails due to defect in design, material or workmanship, or otherwise fails to meet the requirements of the contract, then the Company, upon request, shall make good every such defect, deficiency or failure without cost to the Township. The Company shall pay all transportation costs for parts and/or equipment both ways between the Company's factory or repair depot and the point of use.

### **26. Disclosure**

The names of bidders and total bid prices will be made available at the public Quotation/Tender opening. After the Quotation/Tender opening, requests may be submitted to the Township for the results, and only the names of bidders and total bid prices as read out at the Quotation/Tender opening will be given in the reply.

Request for Proposals are formally opened in public and only the name of the bidders submitting responses to the Request for Proposal will be read. Details of the proposals or any financial information will not be publicly disclosed at the opening.

### **27. Freedom of Information**

All information obtained by the Company in connection with this bid is the property of the Township of Douro-Dummer and must be treated as confidential. It may not be used for any purpose other than for replying to this bid, and for fulfillment of any subsequent contract. Any Company who requires that the information in its bid be kept confidential must explicitly advise the Township of that fact.

The Company may declare confidentiality of their bid; however, the Township is required by law to adhere to the requirements of the Municipal Freedom of Information and Protection of Privacy Act, as amended.

Personal information contained on this bid form is collected under the authority of Section 29(2) of the Municipal Freedom of Information and Protection of Privacy Act, R.S.O. 1990, c.M.56 as amended and will be used to purchase goods and/or services and for the execution of contractual documents. If you have any questions about the collection, use or disclosure of this information by the Township of Douro-Dummer, please contact the Clerk, Township of Douro-Dummer, 894 South Street, Warsaw, Ontario K0L 3A0 (705-652-8392).

## **28. Complaints**

Any complaint on the process and procedures as outlined in the Township's Purchasing Bylaw (as amended) to define the procedures with respect to the procurement of goods and services by the Corporation of the Township of Douro-Dummer shall be in writing and shall be submitted to C.A.O. for review and response.

A complaint on the process and procedures related to the award of a tender, proposal or quotation must be submitted within seven (7) working days of the date of the award.

## **29. Accessibility**

The Township of Douro-Dummer is committed to the accessibility principles of preventing and removing barriers in accessing goods and services for people with disabilities and is bound by the Standards under the Accessibility for Ontarians with Disabilities Act, 2005 as may be amended from time to time.

Regulations enacted under the Act apply to every designated public sector organization and other third parties that provide goods and services to the members of the public.

The consultant/contractor, and all sub-contractors hired by the consultant/contractor in the completion of its work, will meet or exceed compliance with all applicable regulations under the Accessibility for Ontarians with Disabilities Act, 2005 as may be amended from time to time.

It is the consultant/contractor's responsibility to ensure they are fully aware of, and meet all requirements under the Act. A Declaration of Accessibility Compliance will be required by the successful bidder.

## **“Part C” Specifications**

### **1. General**

It is the intent of these specifications to describe one (1) new (2021) 60,000lb Cab and Chassis Truck with Front Plow, Wing and All-Season Combination Dump Body/Spreader, in sufficient detail to secure bids on comparable equipment. All parts not specifically mentioned, which are necessary in order to provide a complete truck, shall be included in the bid and shall conform in strength, quality of material and workmanship to what is usually provided by the Trade in General.

Any units not conforming to the specifications as outlined in Part “C” - Specifications will 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 on that basis, such acceptance shall be at the Township of Douro-Dummer’s discretion.

### **2. Liquidated Damages**

In the event of delay of delivery provided in Part D - Schedule of Items & Prices, the Successful Bidder shall pay the Township liquidated damages in the amount of \$100.00 per day per Vehicle when the Vehicle is required for operations. It is expressly agreed that the liquidated damages expressed in this Article are a genuine pre-estimate of the damages the Township will incur and are not a penalty. The Successful Bidder covenants and agrees that it shall diligently, continuously, effectively and expeditiously perform the Work to minimize the damages suffered or incurred by the Township.

### **3. General Specifications**

The vehicle shall be supplied with all standard equipment plus all other equipment outlined in this specification if not standard.

The vehicles shall meet or surpass the mandatory requirements of the Canadian Motor Vehicle Safety Regulations as amended or revised.



Tender for one (1) New 2021- 60,000lb GVWR Cab & Chassis Truck with Front Plow, Wing, and All-Season Combination Dump Body/Spreader

Where minimum standards are required, the first column lists the minimum. The last column is to be completed by the bidder. Detailed information is not required, if "Yes" is inserted. A detailed explanation is required if "No" is inserted. Consideration may be given to substitutions, if acceptable to the Township of Douro-Dummer.

<b>Cab and Chassis</b>		
G.V.W.R. to be not less than 62,000lbs	Specify:	
Make	Specify:	
Model	Specify:	
Year (2021) No earlier model will be considered	Specify:	
Cab to Axle approximately 135" to suit complete unit	Specify:	
Wheel Base approximately 203" to suit complete unit	Specify:	
Weight Distribution – Front axle (provide weight calculation sheet)	Specify:	
Weight Distribution – Rear axle (provide weight calculation sheet)	Specify:	
The allowable G.V.W. as supplied shall be shown on a metal tag attached to the truck. Specify Location:	Yes/No: Specify:	
*Truck and Body must conform to FMVSS standards		
<b>Engine</b>		
* Engine to comply with On-Road Vehicles and Engine Emissions Regulations		
Make	Specify:	
Model	Specify:	

Minimum 430 HP @ 1700 RPM	Specify:	
Min Torque 1550ft/lbs. @ 1000 RPM	Specify:	
Engine Displacement	Specify:	
Approved engines: A26, Cummins, and Detroit Diesel	Specify:	
Engine Brake (Jacobs brake or equivalent) retarders will not be accepted	Specify:	
Engine to have 5-year warranty, including turbo, injectors, etc....	Specify:	
After treatment system to have a 5-year warranty.	Specify:	
Engine must have a coated steel oil pan.	Specify:	
Engine to include coolant filter	Specify:	
Must have a means of operator controlled fast idle for the engine	Specify:	
Must have auto idle shutdown	Yes/No: Specify:	
2 Speed engine fan drive (Horton air operated)	Yes/No: Specify:	
Fan manual override switch to be mounted in dash.	Yes/No: Specify:	
Must have provision for front crankshaft mounted PTO	Yes/No: Specify:	
<b>To Be Equipped With:</b>		
Specify Type of Oil Filter	Yes/No: Specify:	
H.D. Dual dry type air filter system	Yes/No: Specify:	
Vertical Exhaust Right Hand Side, c/w Heat Shield and Grab Bar	Yes/No: Specify:	
Engine Block Heater	Yes/No: Specify:	
Cold Starting Aid grid heater or glow plugs	Yes/No: Specify:	

Tilting hood with butterfly opening so operator can check and fill oil, antifreeze, power steering, washer fluid levels from butterfly opening	Yes/No: Specify:	
Dash mounted gauge package to include: speedometer with kilometers as priority numbers, Odometer, Tachometer, Hour meter, Fuel gauge, Def level gauge, Coolant temperature gauge, Voltmeter, Transmission oil temperature gauge, dual needle air pressure gauge, air cleaner restriction gauge.	Yes/No: Specify:	
Brake application gauge	Yes/No: Specify:	
Oil Gauge, with low pressure warning device	Yes/No: Specify:	
Beverage Holder	Yes/No: Specify:	
Dash mounted ambient air temp gauge	Yes/No: Specify:	
Silicon Engine Hoses	Yes/No: Specify:	
Two chrome 4-way power adjusted, 7.5"x14" heated, west coast mirrors with two heated convex mirrors c/w lights. Both mirrors must be able to be controlled from driver's seat.	Yes/No: Specify:	
Deluxe air ride insulated cab	Yes/No: Specify:	
Passenger Side Convex Lookdown Mirror	Yes/No: Specify:	
Driver Seat to be Air Ride (National 2000 or equivalent) with armrests	Yes/No: Specify:	
Premium Interior Package - Specify colour	Yes/No: Specify:	
Seats to be cloth heavy duty upholstery	Yes/No: Specify:	
Heavy duty fresh air heater and defroster with cab filter	Yes/No: Specify:	
Arm rests supplied on both doors	Yes/No: Specify:	
Heated Front Windshield to be (Switched separate from mirrors)	Yes/No: Specify:	

One-piece Front windshield preferred	Yes/No: Specify:	
Dual sun visors	Yes/No: Specify:	
Exterior cab sun visor	Yes/No: Specify:	
Exterior cab assist handles, both sides for entering and exiting cab, 3-point contact	Yes/No: Specify:	
Non-slip running boards	Yes/No: Specify:	
Two speed electric intermittent windshield wipers with delay & washers	Yes/No: Specify:	
Mud flaps to be behind front wheels	Yes/No: Specify:	
Heavy duty rubber cab floor covering with removable floor mats	Yes/No: Specify:	
Tilt Steering	Yes/No: Specify:	
AM/FM Blue Tooth Radio with antenna	Yes/No: Specify:	
Tinted Glass	Yes/No: Specify:	
Factory installed power windows, controlled from driver seat	Yes/No: Specify:	
Prewired for two-way radio in upper overhead compartment	Yes/No: Specify:	
Factory installed Air Conditioning	Yes/No: Specify:	
Cab Lights: - to be equipped with interior cab lights and map lights on interior roof of cab c/w door switches	Yes/No: Specify:	
Cab to include modesty panel below doors	Yes/No: Specify:	
Must include a chrome grill	Yes/No: Specify:	
Bug screen behind grill	Yes/No: Specify:	
Steel painted front bumper that will be modified by body company to fit plow harness	Yes/No: Specify:	

2 sets of keys to be supplied	Yes/No: Specify:	
Fender mounted mirrors, LHS & RHS	Yes/No: Specify:	
Dual roof mounted air horns with snow covers and one electric horn	Yes/No: Specify:	
<b>Fuel Tank</b>		
Fuel Tank to be aluminum with step L/H side of truck c/w extra step	Yes/No: Specify:	
Fuel/Water Separator to be Davco Fuel Pro model 382	Yes/No: Specify:	
Minimum 100 US gallons (aluminum)	Yes/No: Specify:	
DEF tank must be no less than 30 litre capacity. To be mounted in front of fuel tank on left side.	Yes/No: Specify:	
Stainless Steel Fuel Tank Straps	Yes/No: Specify:	
<b>Transmission</b>		
Allison 4500 RDS 5 <sup>th</sup> generation controls, wide ratio 6 speed with double overdrive with PTO provision, less retarder, to include oil level sensor on/off road	Yes/No: Specify:	
Heavy-duty external transmission oil cooler, separate from radiator	Yes/No: Specify:	
Transmission to carry a five-year unlimited mileage warranty.	Yes/No: Specify:	
Synthetic transmission fluid	Yes/No: Specify:	
<b>Front Axle</b>		
To be minimum 22,000 lbs. capacity Minimum I beam type	Yes/No: Specify:	
Stemco oil hubcaps or equivalent on front axle	Yes/No: Specify:	
Grease able front spring pins and rear shackle pins shall be included	Yes/No: Specify:	
Shall be set back axle	Yes/No: Specify:	

Synthetic oil in front hubs	Yes/No: Specify:	
<b>Rear Axle</b>		
Shall be tandem drive, driver controlled main locking differential and forward rear and rear axles (4-wheel lock)	Yes/No: Specify:	
To be minimum 46,000 lbs. capacity with min 54" spread	Yes/No: Specify:	
Approved single speed tandem axle Meritor Rt-46-164EH	Yes/No: Specify:	
Shall have synthetic lube installed	Yes/No: Specify:	
Ratio to allow for maximum road speed of 105 km/h at engine governed RPM	Yes/No: Specify:	
<b>Suspension</b>		
Front Springs: - To be minimum of 10,000 lbs. each	Yes/No: Specify:	
Rear Suspension: - To be minimum Hendrickson Model HMX EX-460-54	Yes/No: Specify:	
<b>Frame</b>		
Resisting bending moment (section modulus X Yield, Strength) shall be 3,800,400 lb. in minimum.	Specify:	
Section Modulus shall be 30 cubic inches minimum.	Specify:	
Note: Trucks with Trunnion type motor mounts require frame reinforcing		
Specify frame dimensions (depth x width x thickness)	Specify:	
Minimum Frame Yield 125,000	Specify:	
Frame, axle and suspension are to be epoxy primed then painted with black high-solids epoxy coating or equivalent.	Yes/No: Specify Coating:	
Mounting of snow plow cheek plates shall be possible	Yes/No: Specify:	

Front push plate must allow proper air flow through rad	Yes/No: Specify:	
Provision shall be supplied to prevent diamond shaping of the frame. The frame shall be bridged by a cross-member installed within ten inches of the rear of the cab in order to transfer snow plowing push to each frame rail. This cross-member shall be gusseted fore and after	Yes/No: Specify:	
<b>Tires/Rims</b>		
Front: Two - 425/65 R22.5 20 ply Michelin XZY-3	Specify:	
Rear: Eight - 11R22.5 16 ply Michelin H-XDSZ	Specify:	
Front Rims - 22.5 x 12.25 Aluminum Non-Polished	Yes/No: Specify:	
Rear Rims - 22.5 x 8.25 Aluminum Standard Polish	Yes/No: Specify:	
Hub piloted disc wheels shall be supplied	Yes/No: Specify:	
* All rim ratings must exceed tire rating		
<b>Alternator</b>		
To be a minimum of 160 amps	Yes/No: Specify:	
To be equipped with multi-groove pulley	Yes/No: Specify:	
<b>Lighting</b>		
Four-way simultaneous flashing LED signal lights, self-canceling	Yes/No: Specify:	
Minimum of five amber cab lights. LED	Yes/No: Specify:	
Lights as necessary by MTO	Yes/No: Specify:	
Dual face amber front fender signal lights. LED	Yes/No: Specify:	
Rear directional LED lights shall be supplied	Yes/No: Specify:	

Auto Circle Check Function – all lights	Yes/No: Specify:	
Headlights must come on with windshield wipers	Yes/No: Specify:	
Halogen head lights	Yes/No: Specify:	
Lights including marker lights are to come on when air brakes are released	Yes/No: Specify:	
<b>Batteries</b>		
12 Volt 2250 C.C.A. Minimum. Shall be easily accessible in a frame mounted box. Box to be mounted on right side	Yes/No: Specify:	
Must have accessible boost location for batteries	Yes/No: Specify:	
<b>Wiring</b>		
All body wiring including equipment wiring to be sealed type 2 wire system	Yes/No: Specify:	
All body connections must be in the cab	Yes/No: Specify:	
Must be equipped with power module with minimum 6 O.E.M. dash mounted switches for body builder hookup plug. (fused)	Yes/No: Specify:	
<b>Brakes</b>		
Canadian air brakes system CMVSS 121 regulations	Yes/No: Specify:	
To be full air, anti-lock brake system	Yes/No: Specify:	
"S" Cam Type System	Yes/No: Specify:	
Front brakes - size 16.5" x 6" min.	Yes/No: Specify:	
Rear brakes – size 16.5" X 7" min.	Yes/No: Specify:	
Horn must sound when dash brake valve has not been pulled on	Yes/No: Specify:	
Air Dryer – Bendix AD-IP with heater	Yes/No: Specify:	



Trailer air brake package with glad hands and a 7-wire plug. Centre pin to be 10 amp at 12.5-volt ignition feed for ABS trailer	Yes/No: Specify:	
Visual Brake Stroke Indicators on front and rear adjusters	Yes/No: Specify:	
Dust shields on front and rear wheels	Yes/No: Specify:	
<b>Compressor</b>		
To be minimum 15.9 CFM with air filter	Yes/No: Specify:	
<b>Air Tanks</b>		
Wet and dry type	Yes/No: Specify:	
Low Air Warning Buzzer	Yes/No: Specify:	
To be equipped with manual drain taps	Yes/No: Specify:	
<b>Park Brake</b>		
To be spring set rear park lock - 4 Wheels	Yes/No: Specify:	
Bendix Eversure brake chambers sealed	Yes/No: Specify:	
<b>Slack Adjusters</b>		
To be equipped with Haldex automatic slack adjusters on all wheels	Yes/No: Specify:	
<b>Steering</b>		
To be equipped with dual full power steering type	Yes/No: Specify:	

<b>Colour</b>		
Exterior to be painted yellow base/clear	Yes/No: Specify:	
<b>Auto Greaser</b>		
Automatic greasing system to service all grease points truck and plow equipment. Grease fill point to be at ground level. Cab display LED panel to show greasing, low level and fault	Yes/No: Specify:	
<b>License</b>		
Vehicle to be supplied with new license plate including commercial vehicle inspection sticker.	Yes/No:	
Truck build sheet to be included with tender submission	Yes/No:	
Truck to include a 5 lb. ABC fire extinguisher, first aid kit, triangle kit.	Yes/No:	
<b>Warranty/Other</b>		
5-year option Specify:		
<b>Parts and Service</b>		
Chassis parts and service must be located in Peterborough area	Specify Location:	
Body Parts and Service	Specify Location:	

## All Season Combination Dump Body/Spreader for Mounting on Tandem Axles Cab & Chassis

### 4. General

This specification covers the supply and mounting of a Rear Dumping Gravity Feed Oval Shape with centre conveyor chain along the length of the body with left side discharge belt and spinner, salt and sand chutes and all necessary lights and wiring. To deliver salt on centre line of roadway 6-inch unbroken pattern.

This specification lists only the major details of the unit. It is the supplier's responsibility to deliver a fully equipped unit with compatible components to provide dependable efficient service.

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

The body shall conform to the (CMVSR) Canadian Motor Vehicle Safety Regulations in effect on the date of mounting.

Unit must comply with the following specifications in all respects. Alternatives are not acceptable.

Where minimum standards are required, the first column lists the minimum. The last column is to be completed by the bidder. Detailed information is not required, if "Yes" is inserted. A detailed explanation is required if "No" is inserted. Consideration **may** be given to substitutions, if acceptable to the Township of Douro-Dummer.

<b>All Season Combination Dump/Spreader</b>		
Body being tendered		
Make	Specify:	
Model	Specify:	
Year	Specify:	
<b>Mounting</b>		
The body to be supplied mounted on truck chassis	Yes/No: Specify:	
The body is to be installed at the factory. If the body is to be installed at another location other than at the factory. The Township would like to pick the location of the body installer	Yes/No: Specify:	

All brackets and attachments shall be bolted, <b>not welded</b> , to the truck frame when bodies are being mounted on chassis.	Yes/No: Specify:	
Body shall fit on a 3,048 mm (134") approx. C.A. chassis, 28,122 kg (62,000 lbs.) G.V.W.R. tandem axle, equipped with 11R22.5 load range "H" tires (Dual rears), leaving sufficient clearance between body and cab for the snowplowing wing tower.	Yes/No: Specify:	
	C.A.:	
	C.B.:	
<b>Body</b>		
Viking model, Pro-line PL1415HWHT II, with auto tensioning chain, approved by the Township of Douro-Dummer	Make: Model: Specify:	
Body shall be U style design. Gravity feed to centre conveyor	Yes/No: Specify:	
Water level capacity 12.5 cu. Yd. Minimum	Yes/No: Specify:	
Water level with 10" side boards 15.4 cu. Yd. Minimum	Yes/No: Specify:	
Outside length 15 'minimum	Yes/No: Specify:	
Inside length 14' minimum	Yes/No: Specify:	
Overall width 8' maximum	Yes/No: Specify:	
Height of sides 50" minimum	Yes/No: Specify:	
Height of front panel 60"	Yes/No: Specify:	
Top rail shall be 4x4x3/8" minimum rectangular tubing	Yes/No: Specify:	
Hoist cylinder dog house to be sloped to maintain self-cleaning feature	Yes/No: Specify:	
Rear vertical corner posts to be no less than 10ga. Steel, fabricated in such a way as to include provision for rear facing lighting requirements	Yes/No: Specify:	

Rear vertical corner posts to be tied to radius side panels and horizontal top rail	Yes/No: Specify:	
Body construction shall include integral side fenders fabricated from min. 10ga.Hardox material	Yes/No: Specify:	
Fenders to be full length from front to rear of body	Yes/No: Specify:	
Integral fenders to be sloped away from unit to prevent any excess material spilled during loading from building or piling up	Yes/No: Specify:	
Rear hinge pins to be 2.5" dia.	Yes/No: Specify:	
Body floor, sides, front panel, tailgate will be constructed of 3/16" Hardox 450 high-tensile corrosion resistant steel.	Yes/No: Specify:	
The inside and outside of the dump body shall be continuously welded 100% (seams and joints shall be welded and closed).	Yes/No: Specify:	
The body shall dump rearward.	Yes/No: Specify:	
Aluminum ladder shall be bolted on the left side front corner of the box, with internal steps at sufficient height to allow operator access to the inside of the box	Yes/No: Specify:	
Dump box ladder to be no less than 15" wide and built using grip strut crossers	Yes/No: Specify:	
10" hardwood side boards and pockets to be supplied painted black	Yes/No: Specify:	
All external fasteners on body to be stainless steel	Yes/No: Specify:	
The flow control gate between the main and cross conveyor shall be a screw adjustable hand crank from the driver's side of the dump body	Yes/No: Specify:	
Electrical, hydraulic and air lines to be bundled separately on inside of frame	Yes/No: Specify:	
Reflective tape on box sides and tailgate. DOT approved	Yes/No: Specify:	
Shovel holder installed on driver's side front of body	Yes/No: Specify:	

<b>Body Frame</b>		
Dump body Frame shall have 100% continuously welded seams and joints with the body frame	Yes/No: Specify:	
Body sub frame and hoist frame shall be supplied ( <b>Direct Push on Chassis Frame Is Not Acceptable</b> )	Yes/No: Specify:	
Body frame to sit on plastic sills mounted on top of the truck frame	Yes/No: Specify:	
<b>Tailgate</b>		
Tailgate shall be double acting	Yes/No: Specify:	
Tailgate height shall be 53" minimum from conveyer floor	Yes/No: Specify:	
Upper hinge plates to be cut from 1" steel plate	Yes/No: Specify:	
Tailgate shall be rectangle shape with asphalt door	Yes/No: Specify:	
Exterior vertical side support tubes to be minimum 3 1/2" X 3 1/2" 1/4" wall tubing with 3/16" Hardox formed cross bracing	Yes/No: Specify:	
The tailgate shall be continuously 100% welded	Yes/No: Specify:	
Required spreader chains and brackets shall be installed on the tailgate. Spreader chain 3/8" grade 70 minimum to be mounted on centre line of frame rail	Yes/No: Specify:	
Tailgate shall be air operated trip and latch using two 30/30 brake chambers and shall be controlled from inside the cab	Yes/No: Specify:	
Brake chambers to be protected and enclosed from elements	Yes/No: Specify:	
Tail gate to have a 3M diamond grade chartreuse / black checkerboard pattern inlaid on the tailgate	Yes/No: Specify:	
<b>Lights and Wiring</b>		
Lights and wiring shall be supplied and installed and will conform to the Highway Traffic Act	Yes/No: Specify:	

All body electrical connections and junction boxes, must be located in the cab on a plate mounted between the seats on the back wall of the cab. All harnesses are to run directly to panel in cab with no joints or plugs outside of cab	Yes/No: Specify:	
Body builder electrical power to be supplied by a Blue Seal 7 amp. relay with fuse panel	Yes/No: Specify:	
Wiring shall be installed using Grote "Ultra Blue Seal" wiring harness for body lights and electrical shall be supplied no substitutes.	Yes/No: Specify:	
Individual wires to each lamp - no splicing, including separate ground wire terminated in cab	Yes/No: Specify:	
Auxiliary lighting will plug directly into OEM supplied connections. Cutting, splicing, soldering or shrink tubing into factory connections is not acceptable.	Yes/No: Specify	
All body wiring that is to be wired into the factory fuse panel, is to be wired directly into the spare locations and labeled. No piggy backing of OE fuses	Yes/No: Specify:	
Lights may be mounted on the chassis frame, and on out rigger brackets	Yes/No: Specify:	
Rear truck body to have two 6" oval red stop, tail, turn on bottom two holes and reverse light on top, both sides, followed by amber blue X strobe lights (one per side) in top holes on rear corner posts	Yes/No: Specify:	
To have two 4" LED flood lights mounted under tailgate as far apart as possible, to be hooked up to reverse circuit to assist in reversing	Yes/No: Specify:	
Reverse alarm must be installed.	Yes/No: Specify:	
All body lighting to be Grote products. No substitutes.	Yes/No: Specify	

Flashing 4" amber and blue shock proof strobe lights alternating (X) pattern for salting/sanding and snowplowing operations, mounted on lower truck frame in stainless steel boxes. Not to interfere with pintle hook.	Yes/No: Specify:	
Two high mounted strobe lights, combination amber and blue shall be supplied, switched independently blue, amber and in synchro, mounted on pipe pedestal on top of hydraulic tank providing 360-degree visibility (Top of Cab Mounting Not Acceptable).	Yes/No: Specify:	
Lighting to be controlled by O.E. factory mounted dash switches.	Yes/No: Specify:	
Windshield washer reservoir to be relocated to the left-hand side behind the cab on body builder frame. Washer fluid fill to be accessible from ground level.	Yes/No: Specify:	
<b>Pintle Hook</b>		
A pintle hook Holland PH210RA11 or equivalent shall be supplied and installed	Yes/No: Specify:	
The rear of the truck frame shall be equipped with a pintle hook mounting structure and any necessary bracing, of sufficient strength to support the rated capacity of the pintle hook	Yes/No: Specify:	
The pintle hook must be mounted centrally at the truck frame. The head of the pintle hook must extend rearward and not extend beyond the rear of the dump body	Yes/No: Specify:	
The pintle hook mounted height shall be approx. 29" measured from ground level to horizontal centre line of pintle hook, with the truck empty and sitting level	Yes/No: Specify:	



Two safety chain brackets shall be welded to the pintle hook support structure as close to the frame width as possible and be equal to or greater than the pintle hook maximum gross trailer weight rating	Yes/No:	
	Specify Rating:	
Glad hands to be mounted on rear plate as high and far apart as possible not to interfere with float while turning.	Yes/No: Specify:	
Pintle hitch to have rubber cover over it to prevent dirt from entering lock assembly	Yes/No: Specify:	
Trailer air brake package with glad hands and 7 wire plug. Centre pin to be 20 amp at 12.5-volt ignition feed for ABS trailer	Yes/No: Specify:	
<b>Splash Guards</b>		
Splash guards with chain stops shall be supplied & installed at front and rear of dual tires	Yes/No: Specify:	
Splash guards shall be full width of dual tires and not have more than 12" minimum to 13" maximum road clearance	Yes/No: Specify:	
Rear fenders to be HD aluminum (Nu-Line or equivalent) full fenders mounted to box ( <b>not on frame</b> ) over rear tires. Must be <b>removable</b> type.	Yes/No: Specify	
<b>Hydraulic System</b>		
The body hoist and spreader operation shall be powered from the truck mounted valve bank	Yes/No: Specify:	
All fittings, valves, and hoses shall be supplied and installed and any additions or modifications will be the responsibility of the supplier	Yes/No: Specify:	

The hydraulic reservoir capacity shall be minimum of twenty (20) Imperial Gallons, equipped with a sight glass (level indicator) full height of tank, and a magnetic debris trap	Yes/No: Specify:	
The hydraulic system to be complete with an in-line M.P. Filtri filter or approved equivalent installed between the oil tank and return line manifold.	Yes/No: Specify:	
A 10-micron spin on type filter shall be supplied	Yes/No: Specify:	
An oil filter by-pass check valve shall be supplied and set to relieve at 5 psi.	Yes/No: Specify:	
It shall be possible to change the hydraulic oil filter without draining the oil from the hydraulic oil reservoir	Yes/No: Specify:	
All hydraulic pressure hose shall be 2-wire braided conform to SAE-100R2 type A.T. classification, and be suitable for the installation of crimped couplings	Yes/No: Specify:	
All hose fittings to be JIC 37 degree. All hose ends to be swivel for the size of hose	Yes/No: Specify:	
Hose shields to be installed on all hoses subject to abrasion wear	Yes/No: Specify:	
Low Hydraulic level alarm with mounted light and audible alarm in cab. Preferably a side mounted tank sensor.	Yes/No: Specify:	
Ball valves shall be provided to shut off oil flow from hydraulic oil reservoir at inlet and outlets of tank	Yes/No: Specify:	
<b>Hydraulic Pump</b>		
Tandem hydraulic pump to be Parker model VDVTP16-150-180A or equivalent. Pump body to be steel.	Yes/No: Specify:	
The system must provide for simultaneous operation of spreading and plowing equipment without degradation in performance	Yes/No: Specify:	

Pump to be driven off the front of the engine crankshaft. The drive shaft shall be supplied with spline long enough to slide the shaft back far enough from the crankshaft to change fan belts without removal of hydraulic pump	Yes/No: Specify:	
All hydraulics, pumps, motors, controls, and reservoirs to be designed and installed as an integrated unit for the intended operation of this vehicle	Yes/No: Specify:	
<b>Hoisting</b>		
Hoist shall be a trunnion type 30-ton cylinder minimum	Yes/No: Specify:	
Dump box tipping angle to be 50 degrees min.	Yes/No: Specify:	
Hoist control to be air operated feather control lever with an automatic return to neutral from inside the cab	Yes/No: Specify:	
The hoist shall be capable of lifting the box and the normal contents of sand plus 20%	Yes/No: Specify:	
Provision for no oscillation or kickback when raised to extreme height shall be supplied	Yes/No: Specify:	
The body shall be equipped with a safety support to mechanically hold the body in a 36" raised position, and also in the fully raised rearward position during maintenance procedures. The safety support shall be positioned while standing to the side and clear of the underbody	Yes/No: Specify:	
Hoist shall be Nitrated coated three (3) stage front telescopic with a minimum of 130" stroke	Yes/No:	
	Specify Stroke:	
No inverted type hoist	Specify:	
Hoist cycle time	Specify:	
Hoist must carry a 5-year warranty	Specify:	

<b>Conveyor</b>		
Main conveyor shall be recessed along the length of dump body floor and to include a Hardox 450 Hi-Tensile steel shield to protect chain when not in use	Yes/No: Specify:	
Main conveyor tension to be regulated via an automatic chain tensioning system	Yes/No: Specify:	
The tensioning system will provide appropriate chain tension at all times under operating conditions	Yes/No: Specify:	
The tensioning system shall be centrally located between the main conveyor drive and idler shafts, grease points to be tied into the auto grease system	Yes/No: Specify:	
Access to the chain tensioning system shall be from the sides of the body	Yes/No: Specify:	
Main conveyor chain to be 30,000 lbs. tensile strength steel, self-cleaning pintle chain with 3/8" x 1-1/2" crossers welded every 4 <sup>th</sup> link	Yes/No; Specify:	
Drive and idler shafts to be 2" dia. minimum	Yes/No: Specify:	
Hydraulic drive motor to have a stainless steel N.P.N. signal type sensor to provide conveyor speed signal to the sander controls. Plastic sensors or conveyor shaft mounted sensors are not acceptable	Yes/No: Specify:	
The conveyor shall be direct drive by a hydraulic motor, be mounted direct to a planetary drive (gearbox) with sufficient torque 50,000 in./lb. minimum	Yes/No: Specify:	
	cu.in. Displacement:	
	Torque Ratio:	
Connection of the planetary drive to the main conveyor shaft shall be accomplished by a two-piece shear disc coupler using (3) grade 2 bolts	Yes/No: Specify:	
The conveyor shall be installed on centre line in the body at floor level, with an outlet in the left front corner to the spinner	Yes/No: Specify:	

Cross conveyor to be direct drive by a hydraulic motor	Yes/No: Specify:	
Cross conveyor shall be constructed with stainless steel	Yes/No: Specify:	
Cross conveyor assembly to provide for mounting of material chute and spinner unit	Yes/No: Specify:	
The cross-conveyor assembly is to be used to discharge material from main conveyor to LH spinner	Yes/No: Specify:	
Cross conveyor unit to mount on chassis frame independent from and in front of main conveyor	Yes/No: Specify:	
Cross conveyor shall be self-cleaning steel chain type conveyor	Yes/No: Specify:	
Spotlight one 5" LED to light cross conveyer	Yes/No: Specify:	
Sand/salt chute to be polymer lined	Yes/No: Specify:	
<b>Spinner</b>		
The spinner shall be driven by a hydraulic motor and the spinner assembly shall be mounted directly ahead of the left rear dual wheels, just behind the cab	Yes/No: Specify:	
The spinner hydraulic motor shall be 3.0 cu. in. displacement	Yes/No: Specify:	
The spinner to be polymer type 18" diameter with six (6) vanes	Yes/No: Specify:	
Spinner to include a clean off, anti-coning device	Yes/No: Specify:	
The spinner height from ground to the bottom of spinner shall be adjustable from 9" to 13" with truck empty	Yes/No: Specify:	
Spinner shaft shall be made from 1" dia. S.P.S. steel	Yes/No: Specify:	
Spotlight one 5" LED for spinner	Yes/No: Specify:	
The spinner shall be capable of spreading evenly up to a 20' radius, with a main operating range of 0' to 15' radius	Yes/No: Specify:	

The spinner assembly shall be removable and hydraulic hoses to have quick couplers	Yes/No: Specify:	
<b>Controls</b>		
In-cab controls shall be supplied to control the operation of the hydraulic dump hoist and sand/salt spreader, and shall be within easy reach of the operator	Yes/No: Specify:	
Automatic rate control through ground speed monitoring and Automatic material flow adjustment to be provided. Shall be Ace Ecobite II Pro Spreader Control	Yes/No: Specify:	
Spreader hydraulics to be two section block or approved equivalent	Yes/No: Specify:	
A built-in relief valve shall protect all components of the system	Yes/No: Specify:	
Front plow "up" function to have hydraulic priority over all other hydraulic functions	Yes/No: Specify:	
Hydraulic control valves to be operated by feather able in cab air controls	Yes/No: Specify:	
To prevent corrosion the air shifters will have bronze sleeves	Yes/No: Specify:	
The control lever valves shall be mounted on an adjustable pedestal mount between the seats with a water separator and oiler system	Yes/No: Specify:	
Control valves to operate plow, front wing, rear wing, wing braces	Yes/No: Specify:	
All air controls to be exhausted outside of cab	Yes/No: Specify:	

<b>Load Cover Tie Down</b>		
A load covering tarpaulin, with the following requirements, shall be supplied		
The tarp shall be a "pop over" type, attached to a pivot point close to the lower outside of the dump body. A windshield shall be incorporated in the supporting structure. The head roller shall be mounted on a 1" dia. shaft, complete with ball bearings	Yes/No: Specify:	
An air tarp must be supplied with fabricated tarp arms dimensions of 1 1/2" x 2 1/2" aluminum tubing. Powered by twin air cylinders operated from inside the cab.	Yes/No: Specify:	
The cover shall be of 10 oz. polyester 1/8" mesh fabric	Yes/No: Specify:	
<b>Paint</b>		
The dump body must be shot blasted and epoxy primed with 3 mils of DuPont DTM primer.	Yes/No: Specify:	
Finish paint shall be DuPont Imron "Elite" Polyurethane Enamel, and colour matched with truck cab (Yellow) Frame and underbody shall be painted with Imron black	Yes/No: Specify:	
<b>One Way Snow Plow / Two-Way Plow</b>		
Heavy duty one-way snow plow and drive frame Viking VCL 120 HSE 9 or equivalent. <b>Viking VCL36-12-45C hydraulic power reversing two-way plow will be considered (please provide specs)</b>	Yes/No: Specify:	
Must have gussets welded on bottom of slide pin ribs 100% welds on all ribs and connections. Stitch welds not acceptable	Yes/No: Specify:	
The moldboards brace rod shall be manually adjustable for plow blade angles of 45 degrees, 50 degrees and 55 degrees. The Moldboard brace rod shall be shear pin protected. Moldboard to be set at 55 degrees.	Yes/No: Specify	

Lower plow pins to have cotter pins on right side looking at plow from the rear	Yes/No: Specify:	
Plow to have rubber deflector bolted to plow.	Yes/No: Specify:	
Safety cable to be included from push frame to moldboard	Yes/No: Specify:	
Quick attach hitch	Yes/No: Specify:	
Valley Blades – Carbide 7864411TSB with outer overlay 3464411VFSE-114T and a carbide nose piece	Yes/No: Specify:	
<b>Quick Hitch and Tilting Snow Plow Harness</b>		
Viking model VCL 500T. Front harness hydraulic tilting adapter frame, male and female section, for coupling with the complete snow plow, drive frame, front post assembly, or equivalent. Front tube grease locations to be connected to the grease system with shut off valves	Yes/No: Specify:	
Front plow harness to tilt forward by removing one pin to allow opening of hood	Yes/No: Specify:	
Harness tilt must be provided by a dedicated hydraulic cylinder and controlled from the cab by a feather able air control lever	Yes/No: Specify:	
Cut and install OEM front bumper at truck frame and cheek plate area.	Yes/No: Specify	
Heavy duty double acting lifting cylinder, chromed ram	Yes/No: Specify:	
Front plow ride control with accumulator	Yes/No: Specify:	
Detachable Plow and Wing Harness to be provided, no quick couplers	Yes/No: Specify:	
Headlights to be LED heated with turn signal to be mounted on the harness and connected to the truck headlight circuit	Yes/No: Specify:	
Left and Right hand plow light to be mounted on top of plow harness cross support. No height blocks. Light base to be approximately 66" from the ground.	Yes/No: Specify:	



A 10" convex mirror shall be mounted to front wing post.	Yes/No: Specify	
Harness to be plumbed with quick connections for hydraulic power reversing two-way plow	Yes/No: Specify:	
Lift frame to be bolted to push frame assembly	Yes/No: Specify:	
Aeon rubber right helper spring	Yes/No: Specify:	
<b>Snow Wing and Tower Assembly</b>		
Viking model VCL 350 SCL Heavy duty cable snow wing tower	Yes/No: Specify:	
Removable open wing tower style, no quick couplers	Yes/No: Specify:	
Cross member mounted 10" back of cab for chassis frame rail support	Yes/No: Specify:	
Two 5" LED wing spot lights	Yes/No: Specify:	
Front wing tower to be all hydraulic direct lift with wing float	Yes/No: Specify:	
Front wing trip block to be controlled by torsion spring	Yes/No: Specify:	
Viking 144 WHD 12' wing complete with Valley Blades 5864411FHIWB high wear wing blade & curb runner 3464411VFSE-114T-CR	Yes/No: Specify:	
Rear of wing must have a fluorescent marker on rear	Yes/No: Specify:	
<b>Warranty</b>		
All supplied and mounted equipment minus the cab and chassis shall be guaranteed against defective materials/workmanship for a minimum period of one year from the in-service date	Yes/No: Specify:	
The manufacturer shall submit a warranty statement with the Tender documents	Yes/No: Specify:	

<b>Additional</b>		
All grease fittings shall be threaded and accessible when the body is tilted at 30-degree angle from horizontal	Yes/No: Specify:	
Operator's, Parts, Wiring Diagrams and Service Manuals shall be supplied		
a) hard copy	Yes/No: Specify:	
b) Digital format copy	Yes/No: Specify:	
Parts, repair, and operator instruction manuals for all installed equipment shall be supplied		
a) hard copy	Yes/No: Specify:	
b) digital format copy	Yes/No: Specify:	

## **Part D" Bid Form**

The Corporation of the Township of Douro-Dummer  
894 South Street  
Warsaw, Ontario K0L 3A0

Supply of One (1) new 60,000lb GVWR Cab & Chassis Truck with Front Plow, Wing, and All-Season Combination Dump Body/Spreader

Documents to be included in this Bid Form;

- One (1) Original and One (1) Copy of the Complete Bid Document Signed and Sealed
  - Completed Part C Specifications

**Bidders Information Form**

Bidders must complete this form and include with the Bid Submission  
Please ensure all information is legible.

<b>1. Company Name</b>	
<b>2. Respondent's Main Contact Individual</b>	
<b>3. Address (incl. Postal Code)</b>	
<b>4. Office Phone #</b>	
<b>5. Toll Free #</b>	
<b>6. Fax #</b>	
<b>7. e-mail address</b>	
<b>8. HST Account #</b>	

**Acknowledgement To Receipt Of Addenda**

**This will acknowledge receipt of the following addenda and, that the pricing quoted includes the provision set out in such addendum(s)**

<b>Addendum #</b>	<b>Date Received</b>
# _____	_____
# _____	_____
# _____	_____

Check here if No Addenda received.

\_\_\_\_\_ **Respondent**                      \_\_\_\_\_ **Signature**                      \_\_\_\_\_ **Date**

To the Corporation of The Township of Douro-Dummer, Hereafter called the "Owner":

**Schedule of Items & Prices**

(All unit prices are not to include H.S.T.)

The undersigned agrees to supply and deliver the goods and services as specified and required in accordance with Parts "A", "B", "C" and "D" of the Tender for the following prices:

**The Township reserves the right to cancel any or all items.**

<b>Cab &amp; Chassis Truck with Front Plow, Wing, and All-Season Combination Dump Body/Spreader</b>			
Quantity	Unit	Year, Make and Model (Specify)	Unit Price
1	Truck		\$ _____
1	Body		\$ _____
<b>Sub-total</b>			\$ _____
<b>HST</b>			\$ _____
<b>Total Tendered Price Complete, F.O.B. Township of Douro-Dummer at Warsaw Depot, 1422 County Road 4</b>			\$ _____

H.S.T. Registration # \_\_\_\_\_

**Delivery Date:** \_\_\_\_\_

\*Liquidated damages will apply after this date (See Part C – Item 2).

<b>Provisional Items:</b> (price excludes taxes)		
<b>Item</b>	<b>Item Descriptions</b>	<b>Price (excluding taxes)</b>
"AMI Pavement Edger"	Supply one "AMI Pavement Edger"	\$
"AMI Pavement Edger"	Supply and install one "AMI Pavement Edger" to chassis of truck	\$

**Suggested Features:** This section offers bidders a chance to present parts and features not mentioned that they feel would be beneficial. (price excludes taxes)

Item	Item Descriptions	Price (excluding taxes)
1		\$ _____
2		\$ _____
3		\$ _____

<b>Extended Warranty - Options</b>				
Item	Length	Hours/km Included	Parts covered under extended Warranty (*)	Price (excluding taxes)
1				\$ _____
2				\$ _____
3				\$ _____
4				\$ _____
5				\$ _____

\* Vendor to attach extended warranty information to describe in detail the warranty coverage, terms and limitations.

**Warranty details:**

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**Declaration of Accessibility Compliance**

<b>Company Name:</b>	
<b>Print Name:</b>	
<b>Title:</b>	<b>Dated:</b>

I/ we acknowledge that as a Contractor/Consultant of the Township of Douro-Dummer, we are bound to comply with all accessibility Standards under the Accessibility for Ontarians with Disabilities Act, 2005 as amended from time to time.

I/we declare that I/we have read, understand and will meet or exceed all enacted accessibility Standards as amended from time to time.

I/we further declare that I/we will undertake to ensure all sub-contractors hired by us in completion of our work will also comply with the above Standards.”



To the Township of Douro-Dummer, Hereafter called the "Township":

I/We \_\_\_\_\_ the undersigned  
declare:

1. That the several matters stated in the said Bid are in all respects true accurate and complete.
2. That I/We have read and fully understand all information, terms and conditions contained within the Bid Document, including: Part "A" Information to Bidders; Part "B" Standard Terms and Conditions; Part "C" Specifications and Part "D" Bid Form.
3. That I/We do hereby Bid and offer to enter into a Contract to Supply and Deliver all materials mentioned and described or implied therein including in every case freight, duty, currency exchange, H.S.T. in effect on the date of the acceptance of bid, and all other charges on the provisions therein set forth and to accept in full payment therefore, in accordance with the prices and terms set forth in the Bid herein.
4. That this Bid is irrevocable for Ninety (90) Days and prices for as long as stated elsewhere in the Bid Document, and that the Township may at any time within that period without notice, accept this Bid whether any other Bid has been previously accepted or not.
5. That the awarding of the Contract, by the Township is based on this submission, which shall be an acceptance of this Bid.
6. That if the Bid is accepted, I/We agree to furnish all documentation, security and certifications as required by the Bid Document and to execute the attached formal contract (Appendix A) in triplicate, within Ten (10) Working Days after notification of award. I/We understand that any acceptance by the Township is fully conditional upon the receipt of said documentation, security and certifications by the Township within Ten (10) Working Days. If I/We fail to do so, the Township may accept the next lowest or any Bid or to advertise for new bids, or to carry out completion of the works in any other way they deem best.
7. That I/We agree to save the Township, its agents, or employees, harmless from liability of any kind for the use of any composition, secret process, invention, article or appliance furnished or used in the performance of the Contract of which the Bidder is not the patentee, assignee, or licensee.

**The undersigned affirms that he/she is duly authorized to execute this bid.**

Bidder's Signature and Seal: \_\_\_\_\_

Position: \_\_\_\_\_

Witness: \_\_\_\_\_

Position: \_\_\_\_\_

(If Corporate Seal is not available, documentation should be witnessed)

Dated at the (Town/City) \_\_\_\_\_ of \_\_\_\_\_

This \_\_\_\_\_ Day Of \_\_\_\_\_ 2021.