

City of Troy  
Bid Specifications for One New 6.4 cubic yard Stainless Steel Hydraulic V-Box Spreader

SECTION 1: NOTICE TO BIDDERS

The City of Troy, Illinois, will receive sealed bids for furnishing one new 6.4 cubic yard Stainless Steel Hydraulic V-Box Spreader, for the Public Works Department until **10:00am, Monday, October 26<sup>th</sup> 2020** , at City Hall, 116 E. Market St, Troy, Illinois, 62294. Bids will be publicly opened and read at that time.

Proposal forms and bid specifications are available on-line at [www.troyil.us](http://www.troyil.us).

All proposals must be made on the forms furnished by the City, and the entire set of documents submitted intact.

The City of Troy reserves the right to not open a sole bid and to waive, or not to waive, any irregularities in the bids and to determine which is the lowest and best bid for the work.

Proposals shall be delivered prior to the time and at the place indicated above. Each proposal shall be placed in a sealed envelope endorsed "PUBLIC WORKS DEPARTMENT 6.4 CUBIC YARD STAINLESS STEEL HYDRAULIC V-BOX SPREADER". Only sealed proposals will be accepted. Questions may be directed to Robert Hancock, Public Works Director at (618) 667-4629 or [rhancock@troyil.us](mailto:rhancock@troyil.us)

SECTION 2: PROPOSAL

Submitted by: \_\_\_\_\_  
\_\_\_\_\_

TO: The City of Troy, Illinois

Gentlemen:

In submitting this proposal, the undersigned declares that the only persons or parties interested in the proposal as principals are those named herein and that the proposal is made without collusion with any other person, firm or corporation.

The undersigned understands and agrees that if this proposal is accepted, he is to furnish and deliver all the items specified herein in accordance with the requirements herein stipulated, completely assembled for use, and within the time frame indicated below by the bidder.

The undersigned herewith submits his Schedule of Prices for furnishing and delivering said equipment per the stated delivery schedule. He further understands that all information requested on the Schedule of Prices be furnished or be subject to possible bid rejection for irregularities.

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I, the undersigned, agree to deliver the equipment herein specified within \_\_\_\_\_ days of the date of award by the City.

Name of Bidder: \_\_\_\_\_

(Company Name)

By: \_\_\_\_\_ Title: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_

**TRADE-IN:**

<b>YEAR</b>	2004	<b>ENGINE</b>	N/A
<b>MAKE</b>	FLINK	<b>TRANSMISSION</b>	N/A
<b>MODEL</b>	LMC5H10	<b>CAB</b>	N/A
<b>VIN</b>	9622	<b>4 X 4</b>	N/A
<b>MILEAGE</b>	N/A	<b>BODY</b>	N/A
<b>CONDITION</b>	POOR	<b>GVWR</b>	N/A
<b>ACCESSORIES</b>	TRADE-IN UNIT		

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SCHEDULE OF PRICES

**PUBLIC WORKS DEPARTMENT 6.4 CUBIC YARD STAINLESS STEEL HYDRAULIC V-BOX SPREADER**

*Price for 6.4 cubic yard Stainless Steel Hydraulic V-Box Spreader – Trade-in allowance =*

***TOTAL BID:*** \_\_\_\_\_

Make: \_\_\_\_\_

Model & Year: \_\_\_\_\_

Warranty Periods:

Power Train: \_\_\_\_\_

Complete Unit: \_\_\_\_\_

GENERAL:

1. It is the intent of these specifications to describe a 6.4 cubic yard Stainless Steel Hydraulic V-Box Spreader in sufficient detail to secure quotes on comparable equipment and installation. All parts not specifically mentioned, which are necessary to provide a complete and operational 6.4 cubic yard Stainless Steel Hydraulic V-Box Spreader, shall be included in the bid and shall conform in strength and quality of material and workmanship to what is usually provided to the trade in general.
2. The unit shall be equipped with all standard equipment as specified by the manufacturer.

WARRANTY/REPAIR/PARTS AND SERVICE:

1. Since the continuous operation of this equipment is of the utmost importance and sometimes of an emergency nature, it is necessary that the selected company be in position to render prompt parts and service. The selected company shall be able to provide warranty service and maintain and/or have access to parts inventory within 50 miles of Troy, IL. Said parts inventory shall be of sufficient size and variety to offer a level of parts availability 95% within 48 hours from time of order by the customer. Availability of normal maintenance items shall not exceed 24 hours. Quotes shall include proposed program for parts and service availability, which will be used in determination of proposal.

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	Meets specification	
	Yes	No
<b>HOPPER CONSTRUCTION</b>		
1. 304 Stainless Steel		
2. #10 gauge SS sides and ends-channel formed at top and continuous welded inside seam		
3. #10 gauge SS flanged body supports – three minimum per side		
4. #7 gauge SS top gusset inside the hopper opposite each side support, extending from top edge down minimum 8 inches below 45* tapered side		
5. Adjustable material feed gate with self-locking screw jack		
6. Lifting loops at each corner		

	Meets specification	
	Yes	No
<b>CONVEYOR</b>		
1. #7 SS conveyor side rails and floor plate		
2. 24" overall width, 9.5" overall height		
3. Sides bolted to conveyor flange		
4. Chain wiper provided at rear		
5. 2-1/4" pitch pintle chain with 3/8" x 1-1/2" cross bars		
6. Bolt on style chain shield for drag chain		
7. Adjustable chain tensioner-minimum of 3" of adjustment		

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	Meets specification	
	Yes	No
<b>CONVEYOR DRIVE</b>		
1. Hydraulic motors to drive gearbox		
2. 50:1 worm gearbox speed reducer		
3. Aluminum/Bronze worm gear with 90,000# tensile strength		
4. Ground, hardened steel worm		

	Meets specification	
	Yes	No
<b>SPINNER AND CHUTE</b>		
1. 3/16" steel 20" diameter disc mounted directly to hydraulic motor shaft		
2. Six-steel angle iron vanes bolted to disc		
3. #10 gauge SS chute construction, bolted for easy replacement		
4. Two-spring loaded baffles to change spread pattern		
5. Three-SS adjustable external deflectors, overlapping at corners		
6. Baffle, deflector and spinner adjustment or removal done without the use of tools		

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V-BOX SPREADER OPTIONS	Meets specification	
	Yes	No
1. "Freedom 2" (Certified Power Solutions) 3-channel spreader control system capable of ground-speed-oriented control of the auger/conveyor units and pre-wet or anti-ice applications. The touchscreen allows for easy access to setup menus and the Freedom Interactive Rapid Setup Tutorial provides guidance on calibration. The spreader control system is data capable and summation totals are available through USB download.		
2. Tailgate latch with dump body mount		
3. Top screens and inverted-v		
4. Grease hoses to the rear		

**EXCEPTIONS AND DEVIATIONS**

Bidder shall fully describe every variance, exception and/or deviation. Additional sheets may be used if required.

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