

TOWN OF GLASTONBURY

INVITATION TO BID

<u>Bid #</u>	<u>Item</u>	<u>Date &amp; Time Required</u>
GL-2010-40	12 Foot Chassis Mounted V Box Spreader	April 13, 2010 @ 11:00 A.M.

Bid Forms may be obtained at the Office of the Purchasing Agent, Town Hall, 2155 Main Street, Glastonbury, CT 06033 (second level) or on the Town's website at [www.glastonbury-ct.gov](http://www.glastonbury-ct.gov).

The Town reserves the right to waive informalities or reject any part of, or the entire bid, when said action is deemed to be in the best interest of the Town. All Sealed Bids must be submitted to the Office of the Purchasing Agent no later than the time and date indicated. All bids will be publicly opened and read.

Mary F. Visone  
Purchasing Agent

1. Sealed bids (**one original and one copy**) on the attached Bid Forms will be received at the Office of the Purchasing Agent, Town Hall, 2155 Main Street, Glastonbury, Connecticut 06033 (second level). At the designated time of opening, they will be publicly opened, read, recorded and placed on file.
2. Whenever it is deemed to be in the best interest of the Town, the Town Manager, Purchasing Agent or designated representative shall waive informalities in any and all bids. The right is reserved to reject any bid, or any part of any bid, when such action is deemed to be in the best interest of the Town of Glastonbury.
3. The award will be on the basis of bid total cost unless otherwise specified.
4. Bids will be carefully evaluated as to conformance with stated specifications.
5. **The envelope enclosing your bid should be clearly marked by bid number, time of bid, opening and date.**
6. Specifications must be submitted complete in every detail, and when requested, samples shall be provided. If a bid involves any exception from stated specifications, they must be clearly noted as exceptions, underlined, and attached to the bid.
7. The Bid Documents contain the provisions required for the requested item. Information obtained from an officer, agent, or employee of the Town or any other person shall not affect the risks or obligations assumed by the Bidder or relieve him/her from fulfilling any of the conditions of the Bid.
8. Each bidder is held responsible for the examination and/or to have acquainted themselves with any conditions at the job site which would affect their work before submitting a bid. Failure to meet this criteria shall not relieve the Bidder of the responsibility of completing the Bid without extra cost to the Town of Glastonbury.
9. Any bid may be withdrawn prior to the above scheduled time for the opening of bids or authorized postponement thereof. Any bid received after the time and date specified shall not be considered. No bidder may withdraw a bid within sixty (60) days after the actual date of the opening thereof. Should there be reasons why a Bid cannot be awarded within the specified period, the time may be extended by mutual agreement between the Town and the bidder.
10. Each bid must be accompanied by a bid bond payable to the Town for ten percent (10%) of the total amount of the bid. The bid bond of the successful bidder will be retained until the payment bond and performance bond have been executed and approved, after which it will be returned. A certified check may be used in lieu of a bid bond. The Town of Glastonbury will not be liable for the accrual of any interest on any certified check submitted. Cashier's checks will not be accepted.
11. **THIS ITEM WAIVED** 100% Performance and Payment bonds are required of the successful bidder. This bond shall cover all aspects of the specification and shall be delivered to the Purchasing Agent prior to the issuance of a purchase order. The Performance and Payment Bonds will be returned upon the delivery and acceptance of the bid items.

12. The bidder agrees and warrants that in the submission of this sealed bid, they will not discriminate or permit discrimination against any person or group of persons on the grounds of race, color, religion, national origin, sex, or physical disability including, but not limited to blindness, unless it is shown by such bidder that such disability prevents performance of that which must be done to successfully fulfill the terms of this sealed bid or in any manner which is prohibited by the laws of the United States or the State of Connecticut: and further agrees to provide the Human Relations Commission with such information requested by the Commission concerning the employment practices and procedures of the bidder. An Affirmative Action Statement will be required by the successful bidder.
13. Bidder agrees to comply with all of the latest Federal and State Safety Standards and Regulations and certifies that all work required in this bid will conform to and comply with said standards and regulations. Bidder further agrees to indemnify and hold harmless the Town for all damages assessed against the Town as a result of Bidder's failure to comply with said standards and/or regulations.
14. All correspondence regarding any purchase made by the Town of Glastonbury shall reference the Town's purchase order number. Each shipping container shall clearly indicate both Town purchase order number and item number.
15. Bidder is required to review the Town of Glastonbury Code of Ethics adopted July 8<sup>th</sup>, 2003 and effective August 1, 2003. Bidder shall acknowledge that they have reviewed the document in the area provided on the bid / proposal response page (BP). The selected Bidder will also be required to complete and sign an Acknowledgement Form prior to award. The Code of Ethics and the Consultant Acknowledgement Form can be accessed at the Town of Glastonbury website at [www.glastonbury-ct.gov](http://www.glastonbury-ct.gov). Upon entering the website click on **Bids & RFPs**, which will bring you to the links for the Code of Ethics and the Consultant Acknowledgement Form. If the Bidder does not have access to the internet a copy of these documents can be obtained through the Purchasing Department at the address listed within this bid / proposal.
16. **Non Resident Contractors (IF APPLICABLE)**

The Town is required to report names of nonresident (out of state) Contractors to the State of Connecticut, Department of Revenue Services (DRS) to ensure that Employment Taxes and other applicable taxes are being paid by Contractors. **Upon award, all nonresident contractors must furnish a five percent (5%) sales tax guarantee bond (state form AU-766), or a cash bond for 5% of the total contract price (state form (AU-72) to DRS even though this project is exempt from most sales and use taxes.**

See State Notice to Nonresident Contractors SN 2005 (12). If the above bond is not provided the Town is required to withhold 5% from Contractor's payments and forward it to the State DRS.

Contractor must promptly furnish to the Town a copy of the Certificate of Compliance issued by the State DRS.

17. Bidder shall include on a sheet(s) attached to its bid/proposal a complete disclosure of all past and pending mediation, arbitration and litigation cases that the bidder or its principals (regardless of their place of employment) have been involved in for the most recent five years. Please include a statement of the issues in dispute and their resolution. Acceptability of Bidder based upon this disclosure shall lie solely with the Town.
18. Bidder or its principals, regardless of their place of employment, shall not have been convicted of, nor entered any plea of guilty, or nolo contendere, or otherwise have been found civilly liable or criminally responsible for any criminal offense or civil action. Bidder shall not be in violation of any State or local ethics standards or other offenses arising out of the submission of bids or proposals, or performance of work on public works projects or contracts.
19. It is the responsibility of the bidder to check the Town's website before submitting bid for addendums posted on the Town's website prior to bid opening.
20. The Town of Glastonbury is dedicated to waste reduction and the practice of using and promoting the use of recycled and environmentally preferable products. Bidders are encouraged to submit bids responses that are printed double-sided (except for the signed bid proposal page) on recycled paper, and to use paper dividers to organize the bid for review. All bid pages should be secured with a binder clip, staple or elastic band, and shall not be submitted in plastic binders or covers, nor shall the bid contain any plastic inserts or pages. We appreciate your efforts towards a greener environment.
21. Any technical questions regarding this RFP shall be made in writing (email acceptable) and directed to Charles Mahan, Physical Services Operations Manager, 2155 Main Street, Glastonbury, CT 06033; [charles.mahan@glastonbury-ct.gov](mailto:charles.mahan@glastonbury-ct.gov). Telephone 860-652-7763 between the hours of 7:00 A.M. – 3:00 P.M. For administrative questions concerning this bid/proposal, please contact Mary F. Visone, Purchasing Agent, at (860) 652-7588. All questions, answers, and/or addenda, as applicable, will be posted on the Town's website at [www.glastonbury-ct.gov](http://www.glastonbury-ct.gov). (Upon entering the website click on Bids & RFPs). The request must be received at least five (5) business days prior to the advertised response deadline. **It is the respondent's responsibility to check the website for addenda prior to submission of any bid/proposal.**
22. Those submitting items for consideration as an Approved Equal must submit specifications that clearly demonstrate that the product is equal to or exceeds the stated specification. Failure to submit specifications that clearly demonstrate that the items proposed as being "equal" to the product specified may result in disqualification of the bid/proposal from receiving further consideration. The Town of Glastonbury reserves the right to determine if any item is accepted or rejected as an "approved" equal.

Items have been specified for consistency of operations and are preferred by the Town.

**IMPORTANT:** Failure to comply with general rules may result in disqualification of the bidder.

## INSURANCE

The Bidder shall, at its own expense and cost, obtain and keep in force during the entire duration of the Project or Work the following insurance coverage covering the Bidder and all of its agents, employees and sub-contractors and other providers of services and shall name the **Town its employees and agents as an Additional Insured** on a primary and non-contributory basis to the Bidders Commercial General Liability and Automobile Liability policies. **These requirements shall be clearly stated in the remarks section on the Bidders Certificate of Insurance.** Insurance shall be written with insurance carriers approved in the State of Connecticut and with a minimum Best's Rating of A-. In addition, all carriers are subject to approval by the Town. Minimum Limits and requirements are stated below:

1) Worker's Compensation Insurance:

- Statutory Coverage
- Employer's Liability
- \$100,000 each accident/\$500,000 disease-policy limit/\$100,000 disease each employee

2) Commercial General Liability:

- Including Premises & Operations, Products and Completed Operations, Personal and Advertising Injury, Contractual Liability and Independent Contractors.
- Limits of Liability for Bodily Injury and Property Damage  
Each Occurrence \$1,000,000  
Aggregate \$2,000,000 (The Aggregate Limit shall apply separately to each job.)
- A Waiver of Subrogation shall be provided

3) Automobile Insurance:

- Including all owned, hired, borrowed and non-owned vehicles
- Limit of Liability for Bodily Injury and Property Damage:  
Per Accident \$1,000,000

The Bidder shall direct its Insurer to provide a Certificate of Insurance to the Town before any work is performed. The Certificate shall specify that the Town shall receive 30 days advance written notice of cancellation or non-renewal. The Certificate shall evidence all required coverage including the Additional Insured and Waiver of Subrogation. The Bidder shall provide the Town copies of any such insurance policies upon request.

## INDEMNIFICATION

To the fullest extent permitted by law, the Bidder shall indemnify and hold harmless the Town and its consultants, agents, and employees from and against all claims, damages, losses and expenses, direct, indirect or consequential (including but not limited to fees and charges of engineers, attorneys and other professionals and court and arbitration costs) to the extent arising out of or resulting from the performance of the Bidder's work, provided that such claim, damage, loss or expense is caused in whole or in part by any negligent act or omission by the Bidder, or breach of its obligations herein or by any person or organization directly or indirectly employed or engaged by the Bidder to perform or furnish either of the services, or anyone for whose acts the Bidder may be liable.

12 FOOT CHASSIS MOUNTED V BOX SPREADER  
DETAILED SPECIFICATIONS

GL-2010-40  
DS-1

VENDOR'S NAME \_\_\_\_\_

**NOTICE: THESE DETAILED SPECIFICATIONS MUST BE COMPLETED BY THE BIDDER AND RETURNED WITH THE BID PROPOSAL.**

THE BIDDER SHALL INDICATE IN THE "BIDDER PROPOSED:" THE MANNER IN WHICH HE IS COMPLYING WITH THE SPECIFICATIONS – SUCH AS THE MANUFACTURER'S NAME AND MODEL NUMBER, SPECIFICATION FACTS, DEVIATIONS AS SPECIFIED. EACH ITEM MUST BE RESPONDED TO BY THE BIDDER.

THESE SPECIFICATIONS ARE TO BE CONSIDERED AS MINIMUM UNLESS OTHERWISE STATED.

REQUIRED SPECIFICATION

OFFERED SPECIFICATION

1.0 Manufacturer's Name

\_\_\_\_\_

2.0 Model Identification

\_\_\_\_\_

3.0 Year Built

\_\_\_\_\_

4.0 INTENT

4.1 The purpose and intent of this specification is to describe and obtain one (1) 12 foot long, V Box spreader, snow plow frame, central hydraulic system and tag axle.

4.2 All components shall be supplied and installed by the successful bidder.

4.3 The components shall be installed on a Town owned 2010 International model 7400 with a wheelbase of approximately 180 inches and cab to axle of approximately 108 inches. The Town is presently in possession of truck cab chassis.

4.4 Each component shall be the manufactures latest production model available and shall be furnished, installed and delivered new, complete and ready for use. All parts not specifically mentioned, but which are necessary for the complete unit shall be supplied and installed by the vendor, even though such work or material is not specifically outlined, and shall conform in strength, quality of material and workmanship to the best practice known to the automotive industry.

BIDDER PROPOSES:

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12 FOOT CHASSIS MOUNTED V BOX SPREADER  
DETAILED SPECIFICATIONS

GL-2010-40  
DS-2

VENDOR'S NAME \_\_\_\_\_

5.0 TYPE OF SERVICE

- 5.1 The Department shall use this truck to transport tools, equipment, and materials such as sand, gravel, chlorides, and bituminous products. It shall also be used as a snow and ice control unit. This truck shall also be used to plow snow.
- 5.2 This unit will be required to travel all types of roadbeds ranging from bituminous concrete pavement to rutted, uneven, off-the-road operation.
- 5.3 The bidder shall take these conditions into consideration before making his bid. Under the guarantee, no claims of abuse because of normal methods of plowing snow or because of required travel over various types of pavement or undesirable types of ground will be given any consideration by the Department.

BIDDER

PROPOSES: \_\_\_\_\_  
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6.0 GENERAL

- 6.1 All bidders must list exceptions to specifications. Anything not listed will be assumed to be 100% supplied.
- 6.2 All pre-delivery work shall be done by the bidder at the vendor's place of business and bidder will assume full responsibility for same.
- 6.3 The Service Policy with the Manufacturer's Warranty shall be filled out completely by the vendor and delivered with the unit.
- 6.4 Any substitution under the OR APPROVED EQUAL clause shall be approved by the Department at the bid award.
- 6.5 The vendor, at the time of delivery, shall supply the Department with one (1) SHOP MANUAL and one(1) PARTS MANUAL for the model unit delivered. All manuals shall be delivered with the unit and be neatly bound. Manuals shall provide coverage for all components.
- 6.6 All units must be delivered through successful vendor's place of business for final check by the Department.
- 6.7 All specifications contained herein pertain to each unit to be delivered to the Department.

12 FOOT CHASSIS MOUNTED V BOX SPREADER  
DETAILED SPECIFICATIONS

GL-2010-40  
DS-3

VENDOR NAME \_\_\_\_\_

- 6.8 Units shall be manufacturer's latest production model available, fully tested, serviced, cleaned inside and out and thoroughly inspected by the vendor, ready to operate and in complete accordance with the specifications, and satisfactory to the Department.
- 6.9 Must meet all State regulations and Federal Department of Labor, Safety, Health and Transportation standards.
- 6.10 The Manufacturer shall provide a complete and detailed Preventative Maintenance Program designed specifically for the model unit delivered and custom fitted to the operational condition and service requirement involved. The Preventative Maintenance Program shall include all accessories.
- 6.11 A qualified instructor shall be supplied by the Manufacturer upon request to instruct operating and maintenance personnel for at least eight (8) hours.
- 6.12 These detailed specifications showing any vendor changes must be returned with bid. Failure to return detailed specifications will be interpreted to mean that vendor proposes to comply with all requirements without exception.
- 6.13 Wherever the word "Department" is used, it shall mean the Department of Physical Services.

**BIDDER PROPOSES:**

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**7.0 SPREADER BODY**

- 7.1 Complete body to be constructed of 304 stainless steel, unpainted.
- 7.2 Body to have 7-10 cubic yard capacity.
- 7.3 Body shall be equipped with pockets for extension sideboards.
- 7.4 Hopper to be twelve (12) feet in length.
- 7.5 Shall be equipped with four (4) lift hooks, one (1) on each corner.
- 7.6 A reinforced hinged rear endgate with double latch and front operating lever shall be provided. Including a jack type, manually operable feedgate.



12 FOOT CHASSIS MOUNTED V BOX SPREADER  
DETAILED SPECIFICATIONS

GL-2010-40  
DS-4

VENDOR NAME \_\_\_\_\_

- 7.7 A ½ cab shield, constructed of 304 stainless steel shall be provided. All seams shall be continuously welded. **NO EXCEPTIONS.**
- 7.8 Body shall have integral catwalks, stainless steel the entire length of body providing full top cover of rear tires. Catwalk on right side of body to have a built in stainless steel tool box mounted over rear tires.
- 7.9 A shovel rack will be supplied and installed on left front of body. Location must be approved.
- 7.10 Shall be equipped with a stainless steel ladder mounted on the left front of body. Ladder shall be attached by stainless steel brackets and hardware.
- 7.11 Shall be equipped with four (4) section, heavy duty, hinged type screws. Constructed of 3/8 rod forming a 2-1/2 square opening with a angle outer frame. Entire screen assembly shall be bolted on for easy removal.
- 7.12 Shall be equipped with a bolt in stainless steel chassis cover plate mounted between underside of body and top of chassis frame.
- 7.13 Shall have 2 X 6” oak planks installed between body sills and truck chassis. Planks to run full length of frame.

BIDDER

PROPOSES: \_\_\_\_\_  
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8.0 CONVEYOR

- 8.1 Conveyor to be 34” wide pintle type chain, 2-1/4” pitch with ½ X 1-1/2” cross bars.
- 8.2 Shall be equipped with a high temperature, oil resistance asphalt type belt.
- 8.3 Conveyor shall be driven by two (2) hydraulic motors with 6:1 ratio spur gear type gear boxes.
- 8.4 Conveyor shafts both drive and idler to be 2” diameter with easily accessible grease fittings.
- 8.5 Chain to have easily accessible adjustment.
- 8.6 The conveyor floor shall be a replaceable bolt in 3/16 inch (minimum) stainless steel plate.
- 8.7 Shall be equipped with an electronic switch, mounted on rear of truck to manually start and stop the conveyor.

12 FOOT CHASSIS MOUNTED V BOX SPREADER  
DETAILED SPECIFICATIONS

GL-2010-40  
DS-5

VENDOR NAME \_\_\_\_\_

- 8.8 Inside of hopper to be equipped with bolt in adjustable, high temperature conveyor chain shields, front and rear belt wipers to protect chain and eliminate any material from being brought back under spreader.
- 9.0 SPINNER ASSEMBLY
- 9.1 Shall be fully-enclosed stainless steel chute with four (4) adjustable external baffles and two (2) internal adjustable baffles.
- 9.2 Assembly must be easily removable and be able to open (hinge) from either side.
- 9.3 Shall be equipped with a hydraulically driven poly spinner 24" diameter with a minimum of six (6) formed fins.
- 9.4 Hydraulic motor to be top mounted with heavy duty spinner shaft equipped with heavy duty grease able pillow block bearings.
- 9.5 Hydraulic hoses to have quick disconnect fittings male and female to be reversed to enable lines to be connected when spinner assembly is removed. Aeroquip brand only.

BIDDER

PROPOSES: \_\_\_\_\_  
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- 10.0 LIQUID TANK
- 10.1 A liquid salt brine tank shall be supplied and installed on the left catwalk of the body.
- 10.2 Tank shall be mounted in a stainless steel frame bolted to the catwalk. Fabric straps shall be used to secure tank to frame.
- 10.3 Tank to have a minimum 100-gallon capacity.
- 10.4 Shall be equipped with a 12 volt electric pump, or approved equal.
- 10.5 Shall be equipped with controls in cab capable of automated speed coupled selection for boom and prewet system. All boom and prewet controls shall be ground speed coupled so that all valves close automatically at zero ground speed and open automatically at non-zero ground speed. Control shall be Cirrus Spreadsmart RX or approved equal.
- 10.6 Two (2) spray nozzles shall be mounted inside rear spinner assembly pre-wetting the sand as it comes off the main conveyor.

12 FOOT CHASSIS MOUNTED V BOX SPREADER  
DETAILED SPECIFICATIONS

GL-2010-40  
DS-6

VENDOR NAME \_\_\_\_\_

- 10.7 One (1) detachable spray bar for applying salt brine directly to road surface. Nozzles shall be adequate for coverage of the width of truck or wider.
- 11.0 DISCHARGE CONVEYOR
- 11.1 Unit shall be equipped with a rear mounted conveyor discharge system.
- 11.2 The conveyor shall be approximately two (2) feet wide and nine (9) feet long.
- 11.3 Shall be a self-storing pedestal mounted with 180 degree rotation. Unit to lock into position.
- 11.4 **Shall be equipped with high temperature belting for asphalt use.**
- 11.5 Shall have a hydraulically driven winch system. To raise and lower the conveyor. Conveyor must be able to be raised and locked into an upright position for over the road travel.
- 11.6 Shall be equipped with all necessary chutes, deflections etc. to insure that material is not spilled prematurely especially when material is being transferred from the main hopper conveyor to the discharge conveyor.
- 11.7 The discharge conveyor shall be easily removable and be equipped with Aeroquip quick disconnect fittings. Unit to be installed when the spinner assembly is removed.
- 11.8 The main hopper conveyor shall have an electric switch for stop and start and the discharge conveyor shall have controls for start and stop as well as speed control. All switches and controls shall be easily accessible at the rear of the truck.
- 11.9 All necessary brackets, mounts, hydraulic components, hardware etc. for a complete installation shall be supplied and installed by the vendor.

BIDDER

PROPOSES: \_\_\_\_\_  
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12.0 HYDRAULIC SYSTEM

- 12.1 The hydraulic system shall be used to power and control snow plow, V-Box spreader, and power cover and designed for continuous operation. Shall be a heavy-duty maintenance-free system. All parts and components shall be of current manufacture and in production at time of installation.

12 FOOT CHASSIS MOUNTED V BOX SPREADER  
DETAILED SPECIFICATIONS

GL-2010-40  
DS-7

VENDOR NAME \_\_\_\_\_

13.0 PUMP

- 13.1 Pump shall be driven by a constant drive transmission (flywheel) P.T.O.
- 13.2 P.T.O. must be able to be engaged – disengaged from inside the cab with the engine running.
- 13.3 Pump to be directly mounted to P.T.O. **NO DRIVESHAFTS WILL BE ALLOWED.**
- 13.4 Shall be a Cirrus 80cc, load sense pump or approved equal.

BIDDER

PROPOSES: \_\_\_\_\_  
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14.0 HYDRAULIC PIPING

- 14.1 Shall be constructed of stainless steel pipe, fittings, and hydraulic hose.
- 14.2 Hydraulic hose will be utilized at all flex points.
- 14.3 All hydraulic lines must be mounted to the truck with heavy-duty stainless steel brackets and bolts. **NO CUTTING OR DRILLING OF TRUCK FRAME AND/OR CROSSMEMBERS ALLOWED.**
- 14.4 All hydraulic hose shall have swivel fitting on at least one end.
- 14.5 Flexible armor sleeves are to be installed the full length on all hoses to protect hoses from abrasion damage.
- 14.6 All hydraulic pressure lines shall be double wire braid type.
- 14.7 Hydraulic lines will be run to front of truck for operation of snow plow, power up and down and power reverse with quick disconnect fittings (**AREOQUIP BRAND ONLY**) for all cylinders. (Complete set both male and female).

15.0 OIL RESERVOIR

- 15.1 Shall have a 35-gallon minimum capacity and be constructed of stainless steel.
- 15.2 Shall have vented fill cap and mesh type strainer.
- 15.3 Shall be equipped with a drain plug.
- 15.4 Shall have shut-off valves on lines at tank.

12 FOOT CHASSIS MOUNTED V BOX SPREADER  
DETAILED SPECIFICATIONS

GL-2010-40  
DS-8

VENDOR NAME \_\_\_\_\_

- 15.5 Shall be installed on outside of frame rail behind the cab and should not interfere with repair or replacing truck components.
- 15.6 A dash mounted low oil level warning system is required.
- 15.7 Tank is to be equipped with temperature and sight gauges.
- 15.8 A 33 micron spin-on filter is to be installed in the tank return line, easily accessible.

BIDDER PROPOSES: \_\_\_\_\_  
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16.0 HYDRAULIC CONTROLS AND VALVES

- 16.1 All valves are to be Cirrus Load Sense matched to pump or approved equal.
- 16.2 Valves shall be equipped with integral relief valves.
- 16.3 Valve spools shall be polished chrome.
- 16.4 All hydraulic control valves will be mounted in a stainless steel cabinet near or on the oil tank. Cabinet will be enclosed and made of stainless steel. All valves will be electronically controlled and be accessible to operator. Location and type must be approved by the Town previous to installation. Plow controller will be of single joystick design to control four (4) functions: up, down, left, right. Plow lift cylinder shall be a double acting cylinder.
- 16.5 Shall be equipped with ergonomically-enhanced operator's controls consisting of Cirrus Spreadsmart RX or approved equal, with arm rest built into cabinet housing. Two hydraulic controls shall be placed within reach of operator while arm is resting on arm rest. Plow control shall be of joystick type and will control all four functions of plow. Second control for power tarp shall be electric over hydraulic.
- 16.6 Other electronic controls shall include Roadwatch temp sensor, truck-mounted GPS with bridge data card and GPS temp splitter that will enable system to make material application changes on its own based on temperature changes. One base station access point to allow drive-by wireless download software and Shapemaker software to convert data to GIS shape file format.
- 16.7 Vendor shall supply adequate training on software and operation of unit so that Town of Glastonbury is comfortable with operation of equipment and data flow.
- 16.8 All valves are to be Cirrus Loadsense matched to pump or approved equal.

12 FOOT CHASSIS MOUNTED V BOX SPREADER  
DETAILED SPECIFICATIONS

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DS-9

VENDOR NAME \_\_\_\_\_

- 16.9 All hydraulic components must be fully guaranteed for parts and labor for one (1) year minimum. State any additional warranties.
- 16.10 A fabricated bolt-on, stainless steel cover shall be installed to protect the top and sides of the tank-mounted valve assembly. Design and installation of cover must be approved by Department.

BIDDER  
PROPOSES: \_\_\_\_\_

17.0 SNOW PLOW FRAME

- 17.1 Shall be equipped with a tilt over hood frame to allow hood to be opened.
- 17.2 The unit will tilt by means of hydraulic power, the use of chain, or cables for tilting will not be allowed.
- 17.3 Shall be manufacturers latest model no vendor manufactured or modified frames will be allowed.
- 17.4 Plow frame to be mounted between grille and front bumper and as close to the grille as possible. The upper vertical supports for the frame shall not be more than 12 inches from the front of the grille. The chassis is equipped with a 15" integral front frame extension.
- 17.5 Shall be equipped with a 4 x 10 inch double acting hydraulic cylinder.
- 17.6 Plow pins to be thirty (30) inches on center.
- 17.7 Front bumper is to be modified to fit plow frame. Safety grip strut shall be installed to fill the distance between the bumper and fender to provide a safe step for engine service.
- 17.8 Complete frame to be painted black.
- 17.9 Truck Lite model #80800 plow lights shall be supplied and installed by the vendor. Lights shall be mounted on stainless steel brackets supplied by the vendor. Brackets are to be installed on the sides of the hood with stainless steel hardware and rubber installation strips between bracket and painted hood surface.

BIDDER  
PROPOSES \_\_\_\_\_

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12 FOOT CHASSIS MOUNTED V BOX SPREADER  
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DS-10

VENDOR NAME \_\_\_\_\_

18.0 TAG AXLE

18.1 Tag/pusher axle to be mounted in front of the rear axle.

18.2 Control to be mounted on inside of truck between seats. **LOCATION MUST BE APPROVED BY DEPARTMENT BEFORE INSTALLATION.**

18.3 Silent drive series drop center axle or approved equal is required.

18.4 Shall be equipped with S-cam type air brakes.

18.5 Disc type wheels 8.25 x 22.5 rims, all attaching hardware shall be provided. NO TIRES. Rims shall match truck rim color.

18.6 Shall have a rated capacity of 20,000 lbs.

18.7 The installation of axle shall allow for installation of low profile tires.

BIDDER

PROPOSES \_\_\_\_\_

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19.0 GENERAL

19.1 Shall be equipped with Power Cover/hydraulic asphalt-treated cover or approved equal, and shall be fully operational from inside cab.

19.2 All body lights shall be Truck Lite brand. Rubber-mounted L.E.D. tail stop and signal lights to be mounted in accordance with FMCSR (Federal Motor Carrier Safety Regulations). All wires to run through plastic wire loom fastened to body. A junction box with seal tight connectors shall be included with system when added to factory harness. All connections shall be soldered and shrink-wrapped.

A Whelan DOT3 legal super-L.E.D. 700 Series angled system shall be installed. The system will include two (2) front amber L.E.D. lights mounted in steel housing at a 45-degree angle in the corners of the headboard. Housings to be continuously welded to the headboard. Read L.E.D.'s shall consist of L.E.D. tail, brake signal L.E.D. amber warning, halogen backup lights and shall include TIR3 side lights. All wiring shall be heavy-duty, oil-resistant TPR jacketed cable with Deutsch waterproof connectors. (No splicing of cables allowed.) Rear lights shall be recessed in steel housings continuously welded to the rear body post. Location of all lights **MUST** be approved by Department before installation.

VENDOR NAME \_\_\_\_\_

19.3 A ladder, body step and grab handle will be mounted on the left side of dump body in order to safely enter and exit the body from ground level. **MUST BE APPROVED BY THE DEPARTMENT BEFORE INSTALLATION. NO EXCEPTIONS.**

19.4 A shovel rack shall be installed on left front of body. **LOCATION MUST BE APPROVED BEFORE INSTALLATION. NO EXCEPTIONS.**

19.5 Two (2) rubber wheel chocks shall be supplied by the vendor. To include holder mounted on frame. **LOCATION MUST BE APPROVED BY DEPARTMENT BEFORE INSTALLATION. NO EXCEPTIONS.**

**ALL ACCESSORIES, COMPONENTS, BRACKETS, ETC. MOUNTED TO THE BODY SHALL BE BOLTED TO THE BODY USING STAINLESS STEEL FASTENERS WITH RUBBER INSTALLATION BETWEEN BODY AND COMPONENTS. NO WELDING OF COMPONENTS WILL BE ALLOWED.**

**THE LOCATION AND MOUNTING PROCEDURE OF ALL COMPONENTS MUST BE APPROVED BY THE DEPARTMENT BEFORE INSTALLATION.**

19.6 Vendor shall supply backup camera system with heavy-duty 7-inch, color, flat-screen monitor with automatic turn-on when shifting into reverse. Camera must be waterproof with day or night clear vision.

19.7 All non-stainless steel components shall be powder coated black or painted black.

## 20.0 SPREADER CONTROLS

20.1 A cirrus Spreadsmart RX control system or approved equal shall be supplied and installed. System to include all control valves, controller, cable harnesses, etc. for complete installation. Vendor to supply a factory brochure, user list, and state any and all guarantees with the bid proposal.



12 FOOT CHASSIS MOUNTED V BOX SPREADER  
BID PROPOSAL

TOWN OF GLASTONBURY

GL-2010-40  
BP-1

Proposal of \_\_\_\_\_ (hereinafter called  
“Respondent”), organized and existing under the laws of the State of \_\_\_\_\_  
doing business as \_\_\_\_\_  
\_\_\_\_\_.

To the Town of Glastonbury (hereinafter called “Town”).

In compliance with your Invitation to Bid, the Respondent hereby proposes to furnish materials  
And/or services as per Bid Number GL-2010-40 in strict accordance with the Bid  
Documents within the time set forth therein, and at the prices stated below.

By submission of this bid, the Respondent certifies, and in the case of a joint bid each party  
There to certifies as to their own organization that this bid has been arrived at independently  
Without consultation, communication, or agreement as to any matter relating to this bid  
with any other Respondent or with any competitor.

The Respondent acknowledges receipt of the following:

Addendum #1 \_\_\_\_\_

Addendum #2 \_\_\_\_\_

Addendum #3 \_\_\_\_\_

12 FOOT CHASSIS MOUNTED V BOX SPREADER  
BID PROPOSAL

GL-2010-40  
BP-2

VENDORS NAME \_\_\_\_\_

**THE VENDOR SHALL STATE THE NUMBER OF DAYS NECESSARY TO COMPLETE THE PROJECT AFTER DELIVERY OF THE CAB AND CHASSIS TO THE VENDOR'S PLACE OF BUSINESS. FAILURE TO COMPLETE THE PROJECT ON TIME WILL RESULT IN A PENALTY OF \$50.00 PER DAY WHICH WILL BE DEDUCTED FROM THE TOWN'S PAYMENT TO THE VENDOR.**

Number of calendar days required for delivery after receipt of an order: \_\_\_\_\_

<u>ITEM NO.</u>	<u>ITEM DESCRIPTION</u>	<u>EST. QTY.</u>	<u>UNIT PRICE</u>	<u>TOTAL COST</u>
1.	Truck Equipment Supplied and Installed as Specified	1	\$_____	\$_____

**TOTAL OF BID:**\$\_\_\_\_\_

Written Amount

Other Items Required with Submission of Bid Proposal

The following bid checklist describes items required for inclusion with the above-referenced bid proposal package. It is provided for the convenience of the bidders and, therefore, should not be assumed to be a complete list.

Bid Checklist:

\_\_\_Shop Manual

\_\_\_Parts Manual

\_\_\_Warranties

\_\_\_Bid Bond

\_\_\_Detailed Brochure/Specifications

12 FOOT CHASSIS MOUNTED V BOX SPREADER  
BID PROPOSAL

GL-2010-40  
BP-3

VENDORS NAME \_\_\_\_\_

**CODE OF ETHICS:**

**I/We have reviewed a copy of the Town of Glastonbury's Code of Ethics and agree to submit a Consultant Acknowledgment Form if I/We are selected. Yes \_\_\_ No \_\_\_\***

**\*Bidder is advised that effective August 1, 2003, the Town of Glastonbury cannot consider any bid or proposal where the bidder has not agreed to the above statement.**

\_\_\_ Please check here to indicate that bidder has checked for addendums prior to bid submission.

**Addendums if any shall be acknowledged in the space provided on the BP-1 page.**

\_\_\_\_\_  
Signature of Bidder

\_\_\_\_\_  
(Telephone)

\_\_\_\_\_  
(Name of Bidder)

\_\_\_\_\_  
(Fax Number)

By: \_\_\_\_\_  
(Title)

\_\_\_\_\_  
(SS# or TIN#)

\_\_\_\_\_  
(Business Address)

\_\_\_\_\_  
(E-mail Address)

\_\_\_\_\_  
(City, State & Zip)