

INVITATION TO BID

The City of Rochester, New Hampshire is accepting sealed bids for “Stainless Steel Slide-In Spreader. Bids must be submitted to the City at the address below in a sealed envelope plainly marked as follows:

“Sealed Bid, Stainless Steel Slide-In Spreader

“Bid # 14-08”

City of Rochester
31 Wakefield Street
Rochester, NH 03867
Attn: Purchasing Agent

All bids must be received no later than **“August 15, 2013”** at **2:15 PM** Actual bid opening will be at Rochester City Hall, 31 Wakefield Street in Rochester NH, at **2:30 PM**. No late bids, faxed, e-mailed or telephone bids will be accepted. Bid proposals and specifications may be obtained by visiting www.rochesternh.net, or emailing purchasing@rochesternh.net, or by contacting the Purchasing Agent at City Hall, 31 Wakefield Street, Rochester, NH 03867, (603) 335-7602. All bid questions must be submitted in writing (email preferred) to the Purchasing Agent. All bid proposals must be made on the bid proposal forms supplied, and the bid proposal forms must be fully completed when submitted.

Description:

Please quote cost for Hi Way Stainless E2020 XT Spreader, 10 Ft to meet the following specifications:

The spreader required under these specifications shall be of a heavy duty, self-contained, hopper-type design. This unit shall consist of a 304 stainless steel body, feed conveyor, spinner disc, power drive, and all components necessary to make a complete operating unit. It shall be capable of uniformly spreading sand, cinders, salt, calcium chloride, or mixtures of each up to a width of forty feet.

Body- The body shall be of all welded steel construction and not less than 6.4 cubic yards struck capacity. The inside length is not to be less than 10 feet. The overall height of the body not to be greater than 55-1/2". The inside width to be not less than 82". The body sides shall have no less than forty-five (45) degree pitch to insure free flow of material to the conveyor. The sides and endgates are to be a minimum of 12 -gauge 304 stainless steel. Both front and rear end gates shall be tapered 23 degrees to relieve pressure to the conveyor. The body shall be rigidly constructed and the entire top of the body is to be 2-1/4"x1-1/8" channel-formed for additional support. It is also required that the lower portions of the side sheets are in contact with the sills for the entire length of the sills. The body sills shall be at least 10-gauge 304 stainless rectangular tubing cross sills. There shall be an adequate number of 12-gauge 304 stainless steel body supports rigidly tying in the tubular cross sill with the body sides to give the highest degree of resistance to warping or twisting under heavy loads. The body shall be provided with four lifting hooks, one on each corner of the body. An adjustable, heavy-duty, discharge gate of the screw jack type shall be located at the body rear to properly adjust the flow of material to the spinner. The maximum feed gate opening shall be 12" high x 18" wide. Heavy-duty, replaceable, "bolt-on" 304 stainless steel feed gate slides will reinforce the gate opening. All necessary hardware shall be 304 stainless steel.

Conveyor-The conveyor system shall be of the chain bar flight type running longitudinally with the body, feeding materials to the distributor disc. The overall width of the conveyor shall be approximately 24". The conveyor chain shall be pintle, 2-1/4" pitch, and heat-treated formed links with locked non-turning pins. The tensile strength shall be 21,000 pounds per strand. Chain bar flights shall have a cross section of 3/8" x 1-1/2" and be welded on both the top and bottom of each bar. Each bar should be located on approximately 4-1/2" centers. The conveyor gearbox shall have a 6:1 reduction and be of the spur gear type having aluminum alloy housing with a removable "bolt-on" torque arm mount. Conveyor drive sprockets shall be 8-tooth, drop forged steel, keyed to a 2" diameter (minimum) C-1045 shaft mounted in sealed anti-friction bearings. The drive shaft bearings shall not be bolted to the longitudinal sills but will be held into position by heavy-duty bearing retainers. These retainers shall allow for ease in replacement of the bearings without the need to disassemble the conveyor chain. The idler sprockets shall be 8-tooth, drop forged steel, keyed, and mounted on not less than a 1-1/2" C-1045 shaft. The idler bearings shall be of an actual "take-up" design, capable of being lubricated, and mounted into a screw type, positive adjustment, anti-corrosive adjustment fixture with at

least 4" of full travel for proper tension at all times. Flange or pillow block bearings used for the purpose of chain adjustment will not be accepted. 12-gauge 304 stainless steel "bolt-in" replaceable conveyor chain shields, properly formed, and of sufficient strength to resist binding, shall be provided. The conveyor bottom shall be a minimum of 10-gauge steel, flange type construction, and adequately braced, with 1/4" x 1-1/2" stainless bars, on 12" centers to provide rigidity to the conveyor chain floor.

Rear Mount/Underslung Motor-The distributor disc shall be 20" in diameter and be manufactured from 10-gauge steel, equipped with six removable fins designed to obtain a controlled spread of four feet to forty feet. The hydraulic motor shall be directly couple to the spinner disc. This motor will be mounted in a heavy-duty sub-frame below the disc and out of the path of the material being spread. Material shall be guided from the conveyor end to the distributor disc through a fully enclosed chute. The spinner chute is to be vertically adjustable 12", providing a 20" to 32" spinner position in 3" increments, below the mounting surface. The adjustment of the material spread pattern will be accomplished through two adjustable material flow deflectors within the chute. These deflectors will control the placement of material on the distributor disc. To control the direction and width of the material being spread, the spinner shall come equipped with baffles in the front, rear, and on both sides of the spinner. These baffles are to be quipped with flexible rubber shields at each corner. The shields will be designed to prevent material from exiting the corners of the spinner and striking the underside of the truck or a trailing vehicle. Adjustment of the baffles shall be accomplished with out the use of tools. The chute and baffles shall be no less than 120 gauge 304 stainless steel. The spinner chute shall also contain a deflector baffle which when properly position will allow material to be unloaded with out striking the distributor disc.

Dump Body Mount-The mounting kit is to include four screw-adjustable hold down clamps, mounting brackets, and hardware to attach to a dump body. A tailgate latch device manufactured from 3" x 4.1 lb. channel with 1-1/2" diameter pins welded at each end and fastened to the body sills through included brackets. The pins are locked into place by the dump body tailgate latch.

Power Drive- To be hydraulic and having tow hydraulic motors. One powering the spinner and the other the conveyor. The spinner hydraulic motor shall be mounted in accordance with the type of spinner selected. The conveyor hydraulic motor shall be of the orbital, low speed, hi-torque type, internally mounted to the conveyor gearbox.

Operation and Maintenance Manual-Manual is to be furnished with each unit covering the operation, maintenance, and parts listing for the unit.

Operating and Safety Manual-Manual is to be furnished with each unit to promote safe operation and maintenance procedures.

Paint-Prior to the assembly of the unit, all components are to be individually cleaned with an iron phosphate treatment. All 304 stainless steel components are then prime painted. Next, the non-304 components are painted with a plural-component urethane

finish coat in Hi-Way black. Finally, painted components are to be oven cured prior to complete assembly of the unit.

Hydraulic Quick Disconnect Couplers- As required for the selected hydraulic system. Couplers must be Aero-Quip FD-45 or equal.

Oiler- For lubricating each side of the conveyor chain. Two-quart capacity oil tank. Petcock turns flow of oil off and on. (Standard with #4 belt over chain conveyor)

Screens-Sectional screens with a maximum length per section of six feet shall be hinged to a 6"x9.0LB i-beam running longitudinally the full length of the spreader hopper. The screen sections are to have 3/8" diameter rod welded to a 1/4" angle frame forming 2-3/8 x 2-1/2" openings. At the outer most edge of the screens, along the side sheets of the body, the screens shall nest into the body. This nesting will lock the screens from movement.

Ladder- A steel access ladder shall be provided to mount on the left side (specify: right front, left front, or rear) of the spreader. The steps shall be constructed from "grip strut" material. The upper side rails are to be from a minimum of 1" heavy-duty pipe.

Lights-Clearance lights and reflectors shall be provided as required for spreader to comply with DOT FMVSS 108.

Cab Shield-Cab Shield shall be designed to protect the cab from falling material. It shall be of a slope down design so that material landing on it will fall into the hopper as the spreader unloads. The cab shield required under this specifications shall be constructed from 12-gauge 304 stainless steel.

The stainless steel slide-in spreader will be installed by the City of Rochester.

Vendor Name: _____

Address: _____

Phone: _____ Fax# _____ E-mail _____

Prices Good: _____

Date Submitted: _____

Contact Person: _____

Authorized Signature: _____

ITEM NUMBER	BRAND	BID PRICE
Hi Way Stainless E2020XT Spreader		

Bid results will be posted after 48 hours on the City of Rochester's web site:
www.rochesternh.net or will be available by request via e-mail at the following address:
purchasing@rochesternh.net

INSTRUCTION TO BIDDERS

PREPARATION OF BID PROPOSAL

1. The Bidder shall submit her/his proposal upon the form(s) furnished by the City (attached). The bidder shall specify a unit price for each pay item. All figures shall be in ink or typed.
2. If a unit price or lump sum bid already entered by the bidder on the proposal form is to be altered it should be crossed out with ink, the new unit price or lump sum bid entered above or below it, and initialed by the bidder, also with ink. In case of discrepancy between the prices written in words and those written in figures, the prices written in words shall govern.
3. The bidder's proposal must be signed with ink by the individual, by one or more members of the partnership, by one or more members or officers of each firm representing a joint venture, by one or more officers of a corporation, or by an agent of the contractor legally qualified and acceptable to the owner. If the proposal is made by an individual, his name and post office address must be shown, by a partnership the name and post office address of each partnership member must be shown; as a joint venture, the name and post office address of each must be shown; by a corporation, the name of the corporation and its business address must be shown, together with the name of the state in which it is incorporated, and the names, titles, and business addresses of the President, Secretary, and Treasurer.
4. All questions shall be submitted in writing to and received by the Purchasing Agent at the above address, a minimum of 7 days prior to the scheduled bid opening. The Purchasing Agent, will then forward both the question and the city's response to the question to all prospective bidders.

IRREGULAR PROPOSALS

Bid proposals will be considered irregular and may be rejected for any of the following reasons:

1. If the proposal is on a form other than that furnished by the Owner or if the form is altered or any part thereof is detached.
2. If there are unauthorized additions, conditional or alternate bids, or irregularities of any kind which may tend to make the proposal incomplete, indefinite or ambiguous as to its meaning.
3. If the bidder adds any provisions reserving the right to accept or reject an award, or to enter into a contract pursuant to an award.
4. If the proposal does not contain a unit price for each pay item listed, except in the case of authorized alternate pay items.

DELIVERY OF BID PROPOSALS

When sent by mail, the sealed proposal shall be addressed to the City of Rochester, Purchasing Agent, 31 Wakefield Street, Rochester, NH 03867. All proposals shall be filed prior to the time and at the place specified in the invitation for bids. Proposals received after the time for opening of the bids will be returned to the bidder, unopened. Emailed or faxed bid proposals are not acceptable.

WITHDRAWAL OF BID PROPOSALS

A bidder will be permitted to withdraw his proposal unopened after it has been deposited if such request is received in writing prior to the time specified for opening the proposals.

PUBLIC OPENING OF BID PROPOSALS

Proposals will be opened and read publicly at the time and place indicated in the invitation for bids. Bidders, their authorized agents, and other interested parties are invited to be present.

DISQUALIFICATION OF BIDDERS

Either of the following reasons may be considered as being sufficient for the disqualification of a bidder and the rejection of her/his bid proposal(s):

1. Evidence of collusion among bidders.
2. Failure to supply complete information as requested by the bid specifications.

CONSIDERATION OF PROPOSALS

1. Bids will be made public at the time of opening and may be reviewed only after they have been properly recorded. In case of discrepancy between the prices written in words and those written figures, the prices written in words shall govern. In case of a discrepancy between the total shown in the proposal and that obtained by adding the products of the quantities of items and unit bid prices, the latter shall govern.
2. The right is reserved to reject any or all proposals, to waive technicalities or to advertise for new proposals, if in the judgment of the City, the best interest of the City of Rochester will be promoted thereby.
3. Bid results will be available on the website at www.rochesternh.net within 48 hours of the bid opening.

AWARD OF CONTRACT

The City holds the right, in its judgment, to award the contract to the bidder, which it feels is in the best interest of the City. If a contract is to be awarded, the Contractor/Vendor selection shall be based in part on possession of the necessary experience, organization, technical and professional qualifications, skills and facilities, reference checks, project understanding, approach, ability to comply with proposed or required time to completion or performance, licensing or certification, in good standing with Federal, State and Local agencies, possession of satisfactory record of performance, cost and to a responsible and qualified bidder whose proposal complies with all the requirements prescribed as soon as practical after the bid opening. No bid shall be

withdrawn for a period of (60) sixty days subsequent to the opening of bids without the consent of the City of Rochester. The successful bidder will be notified, by the form mailed to the address on his proposal, that his bid has been accepted and that he has been awarded the contract.

CANCELLATION OF AWARD

The City reserves the right to cancel the award of any contract at any time before the execution of such contract by all parties without any liability against the City.

BID EVALUATION

In addition to the bid amount, additional factors will be considered as an integral part of the bid evaluation process, including, but not limited to:

1. The bidder's ability, capacity, and skill to perform within the specified time limits.
2. The bidder's experience, reputation, efficiency, judgment, and integrity.
3. The quality, availability and adaptability of the supplies and materials sold.
4. The bidder's past performance.
5. The sufficiency of bidder's financial resources to fulfill the contract.
6. The bidder's ability to provide future maintenance and/or services.
7. Any other applicable factors as the City determines necessary and appropriate (such as compatibility with existing equipment).

CONDITIONS AT SITE

Bidders shall be responsible for having ascertained pertinent local conditions, such as: location, accessibility and general character of the site of the building. The character and extent of existing work within or adjacent to the site, and any other work being performed thereon at the time of the submission of her/his bid.

LAWS, PERMITS AND REGULATIONS

1. The Contractor shall obtain and pay for all licenses and permits as may be required of him by law, and shall pay for all fees and charges for connection to outside services, and use of property other than the site of the work for storage of materials or other purposes.
2. The Contractor shall comply with all State and Local laws, ordinances, regulations and requirements applicable to work hereunder, including building code requirements. If the Contractor ascertains at any time that any requirement of this Contract is at variance with applicable laws, ordinances, regulations or building code requirements, she/he shall promptly notify the City of Rochester in writing.

STANDARDS

1. Materials specified by reference to the number, symbol or title of a specific standard, such as a Commercial Standard, a Federal Specification, Department's Standard

Specifications, a trade association standard or other similar standard. Shall comply with requirements in the latest revision thereof and any amendment or supplement thereto in effect on the date of advertisement, except as limited to type, class or grade or modified in such reference.

2. Reference in the Specifications to any article, device, product, material, fixture, form or type of construction by name, make or catalog number shall be interpreted as establishing a standard of quality and shall not be construed as limiting competition. In such cases the Contractor may, at his option, use any articles, device, product, material fixture, form or type of construction that, in the judgment of the City expressed in writing to all Bidders before opening of bids as an addendum, is an acceptable substitute to the specified.
3. Substitution During Bid Time: Whenever any particular brand or make of material or apparatus is called for in the Specifications, a Bidder's Proposal must be based upon such material or apparatus, or upon a brand or make which has been specifically approved as a substitution in an Addendum issued to all Bidders during the bidding time.
4. The intent is that the brand or make of material or apparatus that is called for herein establishes a standard of excellence that, in the opinion of the Consultant and Engineer, is necessary for this particular Project.
5. Substitution After Bid Opening: No substitutions will be considered after bids have been opened unless necessary due to strikes, lockouts, bankruptcy or discontinuance of manufacture, etceteras. In such cases, the Contractor shall apply to the City, in writing within ten (10) days of his realizing his inability to furnish the article specified, describing completely the substitution he desires to make.

EXTRAS

Except as otherwise herein provided, no charge for any extra work or material will be allowed unless the Director of Public Works has ordered the same, in writing.

GUARANTEE OF WORK

1. Except as otherwise specified, all work shall be guaranteed by the Contractor against defects resulting from the use of inferior materials, equipment or workmanship for one (1) year from the Date of Final Acceptance.
2. Make good any work or material, or the equipment and contents of said building or site disturbed in fulfilling any such guarantee.
3. In any case, wherein fulfilling the requirements of the Contract or of any guarantee, should the Contractor disturb any work guaranteed under another contract, the Contractor shall restore such disturbed work to a condition satisfactory to the Director of Public Works. And guarantee such restored work to the same extent as it was guaranteed under such other contracts.
4. If the Contractor, after notice, fails to proceed promptly to comply with the terms of the guarantee, the City of Rochester may have the defects corrected and the Contractor shall be liable for all expense incurred.

5. All special guarantees applicable to definite parts of the work that may be stipulated in the Specifications or other papers forming a part of the Contract shall be subject to the terms of this paragraph during the first year of the life of such special guarantee.

DEFAULT AND TERMINATION OF CONTRACT

If the Contractor:

1. Fails to begin work under Contract within the time specified in the notice to proceed; or
2. Fails to perform the work with sufficient workers and equipment, or with sufficient materials to assume prompt completion of said work; or
3. Performs the work unsuitably or neglects or refuses to remove materials or to perform anew such work as may be rejected as unacceptable and unsuitable; or
4. Discontinues the prosecution of the work; or
5. Fails to resume work, which has been discontinued, within a reasonable time after notice to do so; or
6. Becomes insolvent or has declared bankruptcy, or commits any act of bankruptcy or insolvency; or
7. Makes an assignment for the benefit of creditors; or
8. For any other causes whatsoever, fails to carry on the work in an acceptable manner the City of Rochester will give notice, in writing, to the Contractor for such delay, neglect, and default.

If the Contractor does not proceed in accordance with the Notice, then the City of Rochester will have full power and authority without violating the Contract to take the prosecution of the work out of the hands of the Contractor. The City of Rochester may enter into an agreement for the completion of said Contract according to the terms and conditions thereof, or use such other methods as in the City's opinion will be required for the completion of said Contract in an acceptable manner.

All extra costs and charges incurred by the City of Rochester as a result of such delay, neglect or default, together with the cost of completing the work under the Contract will be deducted from any monies due or which may become due to said Contractor. If such expenses exceed the sum which would have been payable under the contract, then the Contractor shall be liable and shall pay to the City of Rochester the amount of such excess.

OBTAINING BID RESULTS

Bid results will be available on the website at www.rochesternh.net within 48 hours of the bid opening.