

**ADVERTISEMENT TO BIDDERS**  
For  
**ONE (1) NEW SNOW BLOWER, FRONT-END LOADER MOUNTED**

**STREET & TRANSPORTATION DIVISION**  
**CITY OF GRAND ISLAND, NEBRASKA**

Sealed bids will be **received at the office of the City Clerk, 100 E. First St., Grand Island, NE 68801** or P.O. Box 1968, Grand Island, Nebraska 68802 until **2:00 p.m., (Local Time), Wednesday, September 26th, 2012** for **ONE (1) NEW SNOW BLOWER, FRONT-END LOADER MOUNTED**, for the City of Grand Island. Bids will be publicly opened at this time in the Conference Room #1 located on 1<sup>st</sup> floor of City Hall. Bids received after specified time will be returned unopened to sender.

Bids shall be submitted on forms, which will be furnished by the City. Each bidder shall submit with his bid a certified check, a cashiers check or bid bond payable to the City Treasurer in an amount no less than five percent (5%) of the bid price which shall guarantee good faith on the part of the bidder and the entering into a contract within 15 days, at the bid price, if accepted by the City. **Your certified check, cashiers check or bid bond must be submitted in a separate envelope attached to the outside of the envelope containing the bid.** Each envelope must be clearly marked indicating its contents. **Failure to submit the necessary qualifying information in clearly marked and separate envelopes will result in your bid not being opened or considered.** Bid bonds must be issued by surety companies authorized to do business in the State of Nebraska.

The successful bidder will be required to comply with fair labor standards as required by Nebraska R.R.S. 73-102 and comply with Nebraska R.R.S. 48-657 pertaining to contributions to the Unemployment Compensation Fund of the State of Nebraska.

Successful bidder shall comply with the City's insurance requirements, and supply performance and payment bonds. Successful bidder shall maintain a Drug Free Workplace Policy.

Bids will be evaluated by the Purchaser based on price, quality, adherence to schedule, plan and specification, economy and efficiency of operation, experience and reputation of bidder, ability, capacity, and skill of the bidder to perform contract required and adaptability of the particular items to the specific use intended.

The Purchaser reserves the right to reject any or all bids and to waive irregularities therein and to accept whichever bid that may be in the best interest of the City, at its sole discretion.

No bidder may withdraw his bid for a period of sixty (60) days after date of opening bids.

Plans and specifications for use in preparing bids may be obtained from the office of the Public Works Department, Second Floor, City Hall, 100 East First Street, Grand Island, NE.

RaNae Edwards  
City Clerk

**CITY OF GRAND ISLAND  
BID REQUEST INSTRUCTIONS**

The City of Grand Island, Nebraska, Public Works Department,  
Street & Transportation Division,  
respectively requests sealed bids for the following:

**ONE (1) NEW SNOW BLOWER, FRONT-END LOADER MOUNTED**

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As part of the Bid Request, the following items are attached:

- Advertisement to Bidders
- Bid Request Instructions
- General Specifications
- Minimum Specifications
- Technical Specifications
- Trade-In Description
- Bid Sheets
- Exceptions (Blank)
- Attachment 1, Dymax Coupler Schematic

Sealed bids must be received by 2:00 p.m., (Local Time), September 26, 2012 and be addressed to:

City Clerk  
City of Grand Island  
RE: Bids for ONE (1) NEW SNOW BLOWER, FRONT-END LOADER MOUNTED  
100 East First Street  
P.O. Box 1968  
Grand Island, NE 68802-1968

Please return one (1) original and two (2) copies of the Bid Submittal along with the required Bid Bond or Certified Check.

Bid Submittals must include the following:

- Completed Technical Specification Sheets
- Completed Bid Sheets
- Any and All additional information required in the specifications

Please direct bid questions to:  
Shannon Callahan, Street Superintendent  
(308) 385-5322 or FAX (308) 385-5373

**CITY OF GRAND ISLAND  
GENERAL SPECIFICATIONS  
FOR**

**ONE (1) NEW SNOW BLOWER, FRONT-END LOADER MOUNTED**

Sealed bids received at the office of the City Clerk, 100 East First Street, P.O. Box 1968, Grand Island, Nebraska until **2:00 p.m., (Local Time), Wednesday, September 26, 2012** for **ONE (1) NEW SNOW BLOWER, FRONT-END LOADER MOUNTED** as specified in these bidding documents. Unit is to be delivered to the Street & Transportation Division, 1111 W. North Front St., Grand Island, Nebraska 68801.

Attached are minimum and technical specifications. The following general specifications also apply to this bid.

- |   |   |
|---|---|
| <b>OSHA &amp; ANSI Requirements</b>             | In addition to other specified requirements, the equipment shall meet all current Occupational Safety and Health Administration and American National Standards Institute requirement specifications.   |
| <b>Payment</b>                                  | Prior to approving the invoice for payment, the City reserves the right to thoroughly inspect and test the equipment to confirm compliance with specifications. Any equipment which does not meet the City's requirements will be returned at vendor's expense for correction. Title, manufacturer's use tax form, odometer form and any specified data, diagrams, and manuals must be received prior to approval of invoice. The invoice will be paid at the next regularly scheduled Council meeting occurring after the approval of the invoice; the City Council typically meets the second and fourth Tuesday of each month. Invoices must be received well in advance of council date to allow evaluation and processing time. The furnished equipment must be new, the latest make or model, unless otherwise specified. |
| <b>Fair Employment Practices</b>                | Each bidder agrees that they will not discriminate against any employee or applicant for employment because of age, race, color, religious creed, ancestry, handicap, sex or political affiliation.   |
| <b>Data Privacy</b>                             | Bidder agrees to abide by all applicable Local, State and Federal laws and regulations concerning the handling and disclosure of private and confidential information concerning individuals and corporations as to inventions, patents, and patent rights. The bidder agrees to hold the City harmless from any claims resulting from the bidder's unlawful disclosure or use of private or confidential information.  |
| <b>Independent Price Determination</b>          | By signing and submitting bid, the bidder certifies that: the prices in the bid have been arrived at independently, without consultation, communication or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor.  |
| <b>Clarification of Specification Documents</b> | Vendors shall promptly notify the Purchasing Agent of any ambiguity, inconsistency, or error which they may discover upon examination of the specifications. Interpretations, corrections and changes made to the specifications will be made by written addenda. Oral interpretations or changes to the specification made in any other manner will not be binding on the City; and bidders shall not rely upon such interpretations or changes. Following is the Purchasing Agent's name, address and telephone number: Jason Eley, Assistant City Attorney, P.O. Box 1968, Grand Island, Nebraska 68802 (308) 385-5444, Extension 138.   |

**CITY OF GRAND ISLAND  
GENERAL SPECIFICATIONS  
FOR**

**ONE (1) NEW SNOW BLOWER, FRONT-END LOADER MOUNTED**

- Demonstration/Samples**      If requested, the bidders shall, at bidder's expense, demonstrate and/or furnish samples of the exact item(s) proposed within seven (7) calendar days from receipt of such request from the City.
- Bid Evaluation and Award**      No bid shall be withdrawn for a period of (60) sixty-days after bid due date. The City reserves the right to reject any and all bids, to waive technicalities and to accept the bid considered by the Purchaser to be in the City's best interest. The bid will be evaluated based on conformity to specifications, demonstration, price, quality, economy of operation, experience of the manufacturer, availability of parts and service for repair and maintenance, adaptability of the particular equipment for the specific use intended.
- Gratuities and Kickbacks**      City Code states that it is unethical for any person to offer, give or agree to give any City employee or former City employee, or for any City employee or former City employee to solicit, demand, accept, or agree to accept from another person, a gratuity or an offer of employment in connection with any decision, approval, disapproval, recommendation, or preparation of any part of a program requirement or a purchase request, influencing the content of any specification or procurement standard, rendering of advice, investigation, auditing, or in any other advisory capacity in any proceeding or application, request for ruling, determination, claim or controversy, or other particular matter, pertaining to any program requirement or a contract or subcontract, or to any solicitation or proposal therefore. It shall be unethical for any payment, gratuity, or offer of employment to be made by or on behalf of a subcontractor under a contract to the prime contractor or higher tier subcontractor or any person associated therewith, as an inducement for the award of a subcontract or order.
- Fiscal Years**      The City of Grand Island, Nebraska operates on a fiscal year beginning October 1st and ending on the following September 30th. It is understood and agreed that any portion of this agreement which will be performed in a future fiscal year is contingent upon the City Council adopting budget statements and appropriations sufficient to fund such performance.
- Title VI**      The City of Grand Island, in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 U.S.C 2000d to 2000d-4 and Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office the Secretary, Part 21, Nondiscrimination in Federally assisted programs of the Department of Transportation issued pursuant to such Act, hereby notified all bidden that it will affirmatively insure that in any contact entered into pursuant to this advertisement, minority business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin, sex, age and disability/handicap in consideration for an award.
- Bid Bond**      Each bidder shall submit with their bid a certified check, cashier's check or bid bond payable to the City Treasurer in an amount not less than five percent (5%) of the bid price which shall guarantee good faith on the part of the bidder and the entering into a contract within 14 days, at the bid price, if accepted by the City.

**CITY OF GRAND ISLAND  
GENERAL SPECIFICATIONS  
FOR**

**ONE (1) NEW SNOW BLOWER, FRONT-END LOADER MOUNTED**

**Your certified check, cashier's check or bid bond must be submitted in a separate envelope attached to the envelope containing the bid. Each envelope must be clearly marked indicating its contents. Failure to submit the necessary qualifying information in clearly marked and separate envelopes will result in your bid not being opened or considered.** Bid bonds must be issued by surety companies authorized to do business in the State of Nebraska

**Section 504/  
ADA Notice to the Public**

The City of Grand Island does not discriminate on the basis of disability in admission of its programs, services, or activities, in access to them, in treatment of individuals with disabilities, or in any aspect of their operations. The City of Grand Island also does not discriminate on the basis of disability in its hiring or employment practices.

This notice is provided as required by Title II of the Americans with Disabilities Act of 1990 and Section 504 of the Rehabilitation Act of 1973. Questions, complaints, or requests for additional information or accommodation regarding the ADA and Section 504 may be forwarded to the designated ADA and Section 504 compliance coordinator.

City Administrator  
308-385-5444, extension 140  
100 East First Street, Grand Island, NE 68801  
Monday through Friday; 8:00 a.m. to 5:00 p.m.

**CITY OF GRAND ISLAND**  
**MINIMUM BID SPECIFICATIONS**  
FOR  
**ONE (1) NEW SNOW BLOWER, FRONT-END LOADER MOUNTED**

**SCOPE**

The purpose of these specifications is to describe one self contained snow blower and all components necessary for a complete operating unit. The snow blower will be designed to be installed on a wheel loader with quick attach system. This snow blower will be capable of handling all types of snow, including wet, heavy snow to hard packed frozen snow. The unit will be capable of laborious duty for prolonged periods of time without deformation or failure of components in a wide temperature range of 50°F to -40°F. Upon arrival the unit shall be complete, serviced, ready for work including all standard equipment and any optional equipment as deemed necessary by the City of Grand Island.

The City will consider any unit that meets or exceeds required minimum specifications as stated herein or any approved equal unit. The City of Grand Island reserves the right to reject any or all bids and waive any technicalities.

Vendor shall inspect front-end loader quick attach system to ensure snow blower compatibility. Inspection of the loader will only be allowed by appointment with the Street & Transportation Division:

1111 W. North Front St.  
Grand Island, NE 68801  
308-385-5322

Payment for the snow blower will not be made until the City of Grand Island Street & Transportation Division and Fleet Services Division have completely tested the unit. Testing period is not to exceed forty-five (45) days after delivery to Grand Island.

No prototype snow blowers will be accepted. A minimum of one hundred (100) identical snow blowers of this type shall be in operation within the United States.

**REQUIRED MINIMUM SPECIFICATIONS**

**Company Information:**

Vendor will provide the following company information on bid form:

1. Years in business
2. Number of employees
3. Total sales for the last three (3) years

**References:**

Each vendor must include with its proposal a list of no less than three (3) and no more than five (5) references that have purchased the specified product or service within the last two (2) years. The list must include the name of the company, the name and phone number of a contact person for each company.

**Description Literature:**

The bidder shall attach hereto, and it shall be made part of this bid, regularly printed literature as published by the factory which sets out and fully describes the equipment to be furnished in the bid proposal. This literature or other supplemental information shall clearly indicate compliance with each and every item of these specifications. Failure to indicate compliance may be cause for rejection of bid.

**CITY OF GRAND ISLAND**  
**MINIMUM BID SPECIFICATIONS**  
FOR  
**ONE (1) NEW SNOW BLOWER, FRONT-END LOADER MOUNTED**

**Optional Equipment:**

The general and detailed specifications are the minimum requirements. Bidder may include optional equipment if desired. Optional equipment should be noted as such.

**Deviations:**

Once the bid has been accepted by the City of Grand Island, no deviations from the specifications will be accepted without prior written approval of the City of Grand Island.

**Warranty:**

A copy of all manufacturer's warranties shall be included in Vendor's proposal.

**Delivery:**

Equipment is to be delivered from assembly point to the City of Grand Island Street & Transportation Division, 1111 W. North Front St, Grand Island, NE 68801 by commercial freight, rail or truck.

Units are to be delivered completely serviced and ready for operation.

**Delivery Date:**

Each bidder shall state in said bid a realistic delivery date for this equipment. Award-winning bidder must deliver within quoted delivery time.

**Manuals:**

Supply manuals as required in minimum specifications.

**Trade-In:**

Successful bidder will include in said bid a trade-in value and accept as trade-in existing equipment detailed in Trade-In Description. Purchaser reserves the right to accept trade-in value or retain machine and sell outright.

**Capital Lease Agreement:**

A. The Vendor will supply a capital lease agreement for a minimum of six (6) years or seventy-two (72) months that will allow equal annual principal and interest payments. Conditions of the lease agreement shall be provided on the bid form and include:

1. Base Purchase Price
2. Trade-In Value
3. Total Amount to be Financed (1-2)
4. Fixed Annual Interest Rate
5. Annual Payment Amount
6. Payment Period
7. Number of Terms
8. Total Repayment Amount at end of Lease

B. The City of Grand Island shall have the right to prepay the agreement at any time during th term of the agreement without premium or penalty.

C. Vendor will be required to propose a single fixed interest rate. The rate shall be fixed for the entire periodof the agreement. A payment schedule must be submitted at time of delivery.

**CITY OF GRAND ISLAND  
MINIMUM BID SPECIFICATIONS**

FOR

**ONE (1) NEW SNOW BLOWER, FRONT-END LOADER MOUNTED**

- D. The City of Grand Island's payment and performance obligations, for succeeding fiscal periods shall be subject to the availability and appropriations of funds. When funds are not appropriated or otherwise made unavailable to support continuation of performance in a subsequent fiscal period, the contract shall be canceled and the vendor shall be reimbursed per City of Grand Island City Code Section 27-19.
  
- E. Additional options chosen by the City of Grand Island will be paid outright at the time of delivery and will not be included in the amount to be financed on the lease agreement or evaluated as part of the price evaluation.

**Price Evaluation:**

- A. The City will use the total purchase price at the end of the lease under the capital lease agreement portion of the bid in determining the most favorable bid price for the City of Grand Island.



**CITY OF GRAND ISLAND  
TECHNICAL SPECIFICATIONS  
FOR**

**ONE (1) NEW SNOW BLOWER, FRONT-END LOADER MOUNTED**

**TECHNICAL SPECIFICATIONS**

Any reference to brand names and/or number in the Specifications is intended to be descriptive, but not restrictive, unless otherwise specified. Other brands, of approved equal quality, may be considered for award. In the event of substitution, your proposal must clearly describe the article and the proposal must state the brand name and product number of the substitution offered. The determination of the City of Grand Island Purchasing Agent, in consultation with the ordering division(s), shall be final and conclusive in determining the equality of alternates.

**EXCEPTIONS**

The technical specifications are minimum acceptable specifications. You may bid other than what is specified, if it is of higher specification than what is requested. Indicate acceptance or exception by marking YES, NO, or OTHER for each specification listed. Any unmarked YES/NO line will be noted as "exception to the specification". Vendor must list all exceptions to the technical specifications on the lines below specification category.

<b>GENERAL SPECIFICATIONS</b>		Yes	No	Other
A	The following requirements are for one self contained snow blower, designed to be installed on a wheel loader with quick attach system compatible with the loader listed below:  2011 New Holland 170C with Dymax 5673D1 hydraulic coupler and quick attach system (see Attachment 1).			
B	This snow blower will be capable of handling all types of snow, including wet, heavy snow to hard packed frozen snow. The unit will be capable of laborious duty for prolonged periods of time without deformation or failure of components in a wide temperature range of 50°F to -40°F.			

Explain or Comment: \_\_\_\_\_

<b>GENERAL DATA</b>		Yes	No	Other
A	Snow Removal Capacity: 1500 tons per hour, minimum			
B	Snow Casting Distance: 100 feet (dependent on snow density).			
C	Weight of Complete Unit: 6,000 pounds (approximate) less hitch.			
D	Completely Self-contained			
E	Two-Stage Design with feed augers.			
F	Hydraulic adjustable truck loading chute			

Explain or Comment: \_\_\_\_\_

**CITY OF GRAND ISLAND  
TECHNICAL SPECIFICATIONS  
FOR**

**ONE (1) NEW SNOW BLOWER, FRONT-END LOADER MOUNTED**

<b>DIMENSIONS</b>		Yes	No	Other
A	Cutting Width – 96 Inches, minimum			
B	Cutting Height – Working Height -42 Inches, minimum			
C	Overall Width – 120 Inches, maximum			
D	Overall Height (Chute Up) – 106 Inches, minimum			

Explain or Comment: \_\_\_\_\_

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<b>FRAME</b>		Yes	No	Other
A	Fully Welded Construction			
B	Main frame and support members shall be constructed from hot rolled steel plate and heavy structural tubing, angle, channel and flat bars.			
C	Rear frame easily adaptable to various types of hitches for mounting on front end loaders.			
D	The frame shall be designed to allow the optimal distribution of the effort of the front of the blower to the quick coupler.			

Explain or Comment: \_\_\_\_\_

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<b>SCRAPER BLADE, WEAR SHOES &amp; PLATES</b>		Yes	No	Other
A	Scraper blades, shoes and plates shall be replaceable high carbon steel and bolt –on.			
B	Wear shoes and plates shall be adjustable.			

Explain or Comment: \_\_\_\_\_

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<b>AUGERS</b>		Yes	No	Other
A	Augers shall be full flight - welded one piece type.			
B	The augers shall be fabricated from steel and continually welded on a steel tube wall.			
C	All augers shall be supported by ball bearings.			
D	Auger drive shall be shear pin(s) protected.			
E	Auger drive shall have a flexible coupling to protect against shock loads.			
F	A rubber deflector shall be bolted on the blower frame over the top auger.			

Explain or Comment: \_\_\_\_\_

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**CITY OF GRAND ISLAND  
TECHNICAL SPECIFICATIONS  
FOR**

**ONE (1) NEW SNOW BLOWER, FRONT-END LOADER MOUNTED**

<b>IMPELLER</b>		Yes	No	Other
A	Impeller shall constructed of a minimum 1/4 inch heavy-duty steel weldment – 38 inches diameter.			
B	Impeller blades shall be heavy duty steel alloy bolt on replaceable type.			
C	Impeller casing shall be heavy duty constructed from a minimum of 3/16 inch hot rolled steel plate.			
D	Impeller casing throat depth shall be a minimum of 14 inches.			
E	Impeller casing shall rotate through an arc a minimum of 130/ - rotation shall be hydraulically operated with controls from the cab of the loader.			
F	Impeller drive shall be shear pin protected with two shear pins. Easy access for operator to field replace shear pins shall be provided.			

Explain or Comment: \_\_\_\_\_

<b>TURRET LOADING &amp; CASTING CHUTE</b>		Yes	No	Other
A	Snow can be directed to either side of the rotary unit for casting without going through turret loading chute or snow can be directed through turret loading chute.			
B	Turret loading chute shall be a three section design – turntable and telescoping type.			
C	Each section shall be of welded construction of 3/16 inch hot rolled steel plate and/or 12gauge hot rolled steel sheet.			
D	Each section shall be 12 inches, minimum, width.			
E	Each section shall be structurally reinforced with heavy steel supports.			
F	Turret system shall be hydraulically rotated – Minimum horizontal rotation arc of 240 degrees with 120 degrees to either side of straight forward.			
G	Hydraulic double acting lift cylinder shall raise second section to any desired height.			
H	Hydraulic double acting tip control cylinder shall allow variable degree of deflection on third section for proper position for loading trucks or exact placement of snow stream.			
I	Right side mounted chute only, dual chutes will not be accepted.			
J	Chute shall be open design.			

Explain or Comment: \_\_\_\_\_

**CITY OF GRAND ISLAND  
TECHNICAL SPECIFICATIONS  
FOR**

**ONE (1) NEW SNOW BLOWER, FRONT-END LOADER MOUNTED**

<b>CLUTCH</b>		Yes	No	Other
A	Clutch shall be a minimum of 11 inches.			
B	Clutch shall be twin disc, double plate over the center type.			
C	Clutch will be hydraulically operated with control from the cab of the loader.			
D	Clutch control will have appropriate safety locks preventing the engagement of the clutch.			
E	Clutch control will advise the operator through an audible, lighted and text alarm when clutch is not properly engaged.			
F	Clutch control will prevent engine start up when clutch is engaged.			

Explain or Comment: \_\_\_\_\_

<b>POWER TRAIN, TRANSMISSION &amp; ASSOCIATED COMPONENTS</b>		Yes	No	Other
A	Power provided to auger and impeller shall be provided through roller chains, right angle gear case and drive shafts - all rated for required horsepower.			
B	Gear Case shall be cast iron construction – Machine to tolerance			
C	Shafts, gears, sprockets and bearing shall be designed from alloy steel heated treated.			
D	Bearing for all shafts and rotating parts journaled in oversized ball or roller bearings.			
E	All components shall be lubricated by oil baths.			
F	Oil baths shall have oil level gauges.			
G	Chain transmission with HYVO chain running in oil bath.			
H	Provide chain idler(s) – adjustable chain idler for proper tension of auger drive chain.			
I	Provide separate shear bolt(s) protection of auger and impeller.			
J	Shear bolt located in easily accessible locations.			

Explain or Comment: \_\_\_\_\_

**CITY OF GRAND ISLAND  
TECHNICAL SPECIFICATIONS  
FOR**

**ONE (1) NEW SNOW BLOWER, FRONT-END LOADER MOUNTED**

<b>ENGINE</b>		Yes	No	Other
A	Engine shall meet Tier III emission requirements or current emission requirements.			
B	Minimum cubic inch displacement of 350 cubic inches.			
C	Number of cylinders: six			
D	Minimum horse power of 160 HP.			
E	Minimum torque of 440 foot pounds @ 1500 RPM.			
F	Injection system with electronic engine controls.			
G	Two Stage dry type air filters with air restriction gauge.			
H	Low oil pressure and high coolant automatic shut down system.			
I	Heavy duty Radiator System that meet engine manufacturer requirements – Cooling fan to be automatic variable speed type adjusting to cooling needs.			
J	Radiator with deaeration system with tank and sight glass.			
K	Coolant to be all season extended life permanent anti-freeze to minus forty (40) degrees Fahrenheit.			
L	Engine coolant filter per engine manufacturer requirements.			
M	Engine block heater (Phillips 120 volt, 1500 watt.) or Equal			
N	Engine oil drain plug magnetic			
O	Spin-on type oil filter(s).			
P	Muffler to be residential type with protective shielding. State brand, make, model of engine specified: Brand/Make _____ Model _____ H.P. _____ Peak Torque _____ Displacement (C.I.D.) _____			

Explain or Comment: \_\_\_\_\_

<b>FUEL SYSTEM</b>		Yes	No	Other
A	Fuel tank – 40 Gallon Minimum			
B	Electro-mechanical fuel gauge mounted on tank.			
C	Primary heated water separator - diesel filter with replaceable element.			
D	Secondary diesel filter with replaceable filter.			

Explain or Comment: \_\_\_\_\_

**CITY OF GRAND ISLAND  
TECHNICAL SPECIFICATIONS  
FOR**

**ONE (1) NEW SNOW BLOWER, FRONT-END LOADER MOUNTED**

<b>ENGINE ENCLOSURE</b>		Yes	No	Other
A	Weather proof engine enclosure.			
B	Removable doors or tilt design for maximum access to engine.			
C	Door or tilt design to have safety hook to secure in the open position.			

Explain or Comment: \_\_\_\_\_

<b>ELECTRICAL SYSTEM</b>		Yes	No	Other
A	Two (2) Maintenance Free Batteries – Group 31, 1800 CCA Min.			
B	12 volt - Negative ground system.			
C	12 volt starter.			
D	115 Amp minimum alternator			
E	Master battery disconnect switch			
F	All electrical components in weather proof enclosure.			
G	Circuit breaker protection – all circuits			
H	All wiring in special low temperature loom or cable.			
I	All wiring - color coded and continuously numbered. multiplex wiring system.			
J	All circuit breaker and relays identified with labels.			
K	Quick disconnect provided at instrument panel.			
L	Minimum of four work lights/ head lights – two on the sides of the discharge chute – two on the front top facing forward.			

Explain or Comment: \_\_\_\_\_

<b>HYDRAULIC SYSTEM</b>		Yes	No	Other
A	Completely self contained.			
B	Hydraulic pump – direct mounted to the engine – no belts.			
C	Full flow solenoid hydraulic valves - five sections.			
D	Flow control valves to regulate movement to adapt to environmental conditions.			
E	Minimum 3 gallon hydraulic reservoir.			
F	System designed to operate at temperatures of minus 40 °F.			
G	Hydraulic hoses shall meet SAE 100R2 type with JIC fittings.			
H	Full flow ten micron hydraulic filter.			
I	All controls mount in cab of wheel loader for complete operation.			
J	All electric wiring protected by heavy duty wiring loom or cable			

Explain or Comment: \_\_\_\_\_

**CITY OF GRAND ISLAND  
TECHNICAL SPECIFICATIONS  
FOR**

**ONE (1) NEW SNOW BLOWER, FRONT-END LOADER MOUNTED**

<b>INSTRUMENTATION</b>		Yes	No	Other
A	Two instrument panels - one mounted in cab of wheel loader. – one mounted on the engine panel.			
B	Lighted tachometer			
C	Lighted oil pressure gauge with visual and audible low oil pressure alarm.			
D	Lighted coolant temperature gauge with visual and audible coolant overheat alarm.			
E	Lighted voltmeter gauge.			
F	Light hour meter – engine panel only.			
G	Light fuel level gauge – loader cab panel only.			
H	Stop engine warning light.			
I	Check engine warning light.			
J	Low coolant level - visual and audible alarm.			
K	Warning light and audible alarm for clutch malfunction.			
L	Low fuel level warning light.			
M	Diagnostic display.			

Explain or Comment: \_\_\_\_\_

<b>CONTROL PANEL</b>		Yes	No	Other
A	Key starter/ignition switch – with restart protection when engine is running.			
B	Throttle control.			
C	Clutch control switch with automatic clutch function protection/safety.			
D	Emergency stop control – one in wheel loader cab – one on snow blower.			
E	Low oil pressure and high coolant automatic shut down system.			
F	Impeller housing rotation switch/joystick control.			
G	Chute position(s) switches/joystick controls – rotation, deflection, extension.			
H	Working lights indicator with switch(s)			

Explain or Comment: \_\_\_\_\_

**CITY OF GRAND ISLAND  
TECHNICAL SPECIFICATIONS  
FOR**

**ONE (1) NEW SNOW BLOWER, FRONT-END LOADER MOUNTED**

<b>PAINT</b>		Yes	No	Other
A	All metal surfaces shall be properly prepared for painting to insure removal of surface rust, welding slag, soot, dirt, grease or wax.			
B	Prior to assembly of the unit, all components are to be individual cleaned with iron phosphate treatment.			
C	Standard factory paint with one (1) coat of rust proof primer and two (2) coats of multi-component urethane paint is required. Paint and Primer shall be of highest quality available.			

Explain or Comment: \_\_\_\_\_

<b>SHOP &amp; PARTS MANUAL</b>		Yes	No	Other
A	Two (2) Operator Manuals or CD ROM.			
B	One (1) Shop Repair Manual or CD ROM.			
C	One (1) Parts Manual or CD ROM.			
D	Provide information on training/repair/service available for equipment specified.			

Explain or Comment: \_\_\_\_\_

<b>WARRANTY</b>		Yes	No	Other
A	Regular manufacturers standard warranty, manufacturers statement of origin and complete pre-delivery inspection certificates required with snow blower at delivery.			
B	The manufacturers standard warranty shall be stated in the bid.			
C	Manufacturer's component written warranty including engine, transmission and gear boxes must accompany delivery.			
D	All warranty work shall be performed within State of Nebraska and within one hundred (100) miles of City of Grand Island Fleet Shop at 1111 W. North Front St., Grand Island, NE 68801.			

Explain or Comment: \_\_\_\_\_

<b>SERVICE</b>		Yes	No	Other
A	Pre-delivery service will be performed by the dealer. Factory pre-delivery will not be accepted.			

Explain or Comment: \_\_\_\_\_



**CITY OF GRAND ISLAND  
TECHNICAL SPECIFICATIONS  
FOR**

**ONE (1) NEW SNOW BLOWER, FRONT-END LOADER MOUNTED**

<b>TRAINING</b>		Yes	No	Other
A	Information on factory schools/training to be provided to City of Grand Island Fleet Services within three (3) months of purchase of unit.			
B	Vendor/Manufacturer must supply letter that manufacturer training of City of Grand Island Fleet Service Technicians is available and approximate cost for said training.			

Explain or Comment: \_\_\_\_\_

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<b>REQUESTED OPTIONS</b>		Yes	No	Other
A	Cost for delivery prior to November 30, 2012 shall be stated in the bid.			

Explain or Comment: \_\_\_\_\_

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**CITY OF GRAND ISLAND  
TRADE-IN DESCRIPTION  
FOR  
ONE (1) NEW SNOW BLOWER, FRONT-END LOADER MOUNTED**

General Description:	Snow Blower, Front-End Loader Mounted, Auger Style
Manufacturer:	Snotec
Year:	2005
Serial Number:	CN05406
Color:	Yellow
Hours:	Less Than 90
Other:	NONE

**CITY OF GRAND ISLAND  
 BID SHEETS  
 FOR  
 ONE (1) NEW SNOW BLOWER, FRONT-END LOADER MOUNTED**

<b>Company Name</b>	
<b>Make</b>	
<b>Model</b>	
<b>Year</b>	
<b>Manufacturer's Warranty</b>	

The undersigned bidder, having examined all specifications and other bidding documents, and all addenda thereto, and being acquainted with and fully understanding all conditions relative to the furnishing of the specified equipment, above, to the City of Grand Island, Nebraska, hereby proposes to furnish and deliver such equipment FOB Grand Island, NE, at the following price and lease agreement terms:

<b>1 - *Base Price</b>	\$
<b>2 - Trade-In Value</b>	\$
<b>3 - Amount to be Financed (1-2)</b>	\$
<b>4 - Fixed Annual Interest Rate</b>	%
<b>5 - Annual Payment Amount</b>	\$
<b>6 - Payment Period</b>	
<b>7 - Number of Terms</b>	
<b>8 - **Total Repayment Amount at End of Lease</b>	\$

<b>Delivery Date</b>	
<b>Early Delivery Option Cost</b>	\$

\*The Street & Transportation Division of the Public Works Department for the City of Grand Island does not pay Federal, State, or City tax; do not include tax in your pricing.

\*\* See Section Price Evaluation in the Minimum Bid Specifications.

**CITY OF GRAND ISLAND  
 BID SHEETS  
 FOR  
 ONE (1) NEW SNOW BLOWER, FRONT-END LOADER MOUNTED**

**COMPANY INFORMATION**

<b>Years in Business</b>	
<b>Number of Employees</b>	
<b>Total Sales for Last 3 Years</b>	\$

**REFERENCES**

Company Name	
Address	
Contact Name	
Phone Number	
E-mail Address	
Date of Purchase	

Company Name	
Address	
Contact Name	
Phone Number	
E-mail Address	
Date of Purchase	

Company Name	
Address	
Contact Name	
Phone Number	
E-mail Address	
Date of Purchase	

I acknowledge receipt of the following addenda (if applicable):

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

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

**Attachments** (mark those that apply):

- |  |   |
|--|---|
| <input type="checkbox"/> Literature          | <input type="checkbox"/> Warranty Information |
| <input type="checkbox"/> Exceptions/Comments | <input type="checkbox"/> Other _____          |

**CITY OF GRAND ISLAND**  
**BID SHEETS**  
FOR  
**ONE (1) NEW SNOW BLOWER, FRONT-END LOADER MOUNTED**

Bid of \_\_\_\_\_,  
hereinafter called "Bidder," organized and existing under the laws of the State of \_\_\_\_\_,  
to the City of Grand Island, Nebraska, hereinafter called "City" to provide:

**One (1) New Snow Blower, Front-End Loader Mounted**

In compliance with the City's advertisement for bids, bidder hereby agrees to provide the previously mentioned services, materials, and/or equipment, at the price stated on the bid sheet, in compliance with all requirements and specifications contained in the Bid Request, and further agrees that the language of this document shall govern in the event of a conflict with the bid.

The City reserves the right to accept or reject any or all bids, and to waive any informality and to enter into such contract as it shall deem to be in the City's best interest.

**Please return one original and two (2) copies of each bid sheet.**

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 2012.

Respectfully submitted,

\_\_\_\_\_  
Company

\_\_\_\_\_  
Address

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

\_\_\_\_\_  
Telephone Number

\_\_\_\_\_  
Name (Print or Type)

\_\_\_\_\_  
Fax Number

\_\_\_\_\_  
Title

\_\_\_\_\_  
E-mail Address

**CITY OF GRAND ISLAND**

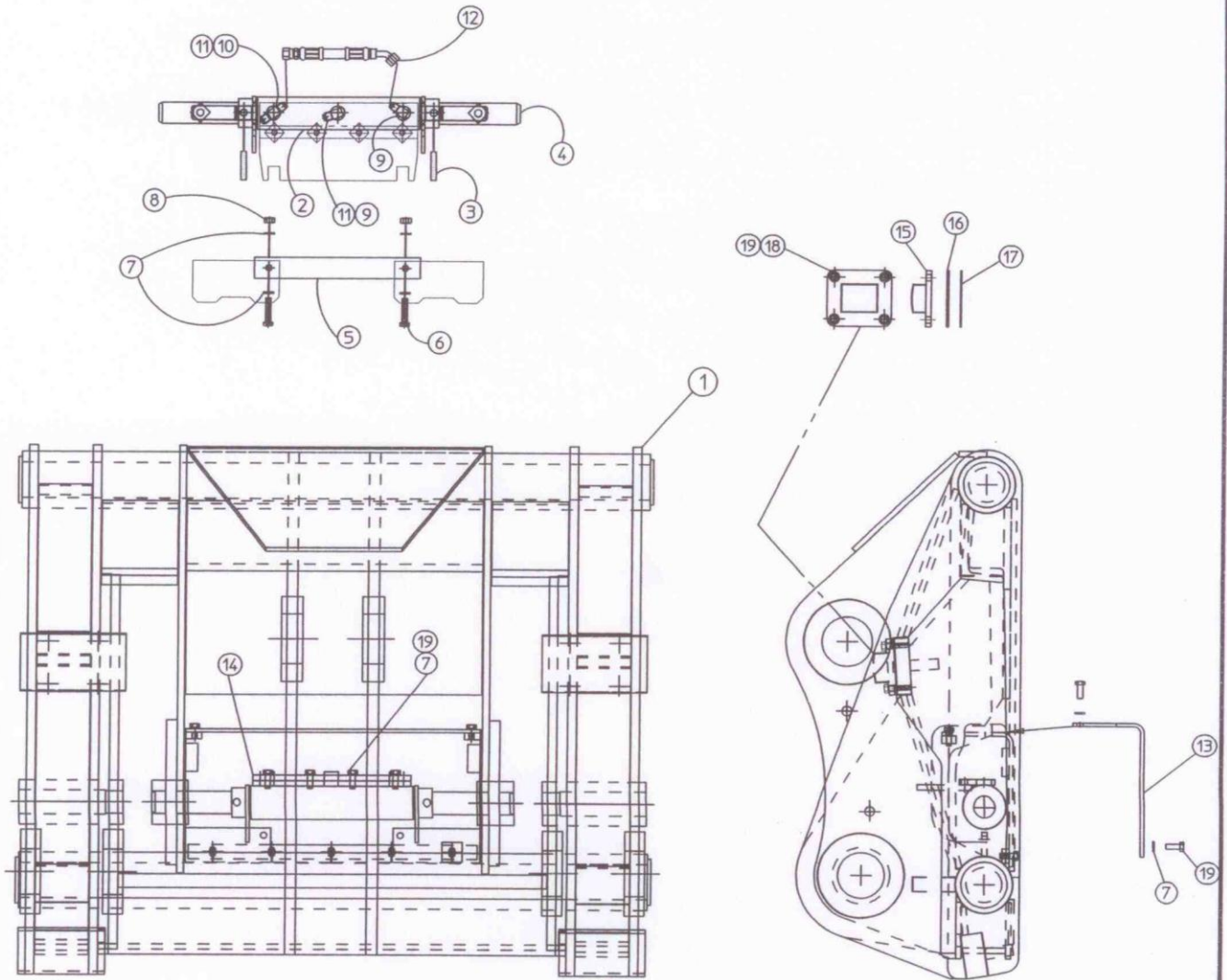
**ONE (1) NEW SNOW BLOWER, FRONT-END LOADER MOUNTED**

**EXCEPTIONS/CLARIFICATIONS/COMMENTS**

1	
2	
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**CITY OF GRAND ISLAND  
ATTACHMENT 1  
FOR  
ONE (1) NEW SNOW BLOWER, FRONT-END LOADER MOUNTED**

5673D1 HYD. COUPLER (NEW HOLLAND W170C TO 4x12.5 HOOKS)



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
*	1	DY102751	1	WEAR PAD	*	14	DY73952	1	RETAINER
Y*	2	DY42951	1	HYD. CYLINDER	*	15	DY71305	2	STOP ASSY.
*	3	DY22798	2	ROLL PIN	*	16	DY71306	2	SHIM .13"
*	4	DY67123	2	PIN ASSY.	*	17	DY71307	2	SHIM .06"
*	5	DY67124	1	BAR STOP	*	18	DY22137	8	WASHER .38
*	6	031562	2	BOLT .38x1.75	*	19	000221	19	BOLT .38x1.0
*	7	DY22137	14	WASHER .38		20			
*	8	059841	2	LOCKNUT .38					
*	9	6801-4-6	2	90 -4JIC, -6SAE					
*	10	6803-4-6	1	TEE -4JIC, -6SAE					
*	11	304C-4	2	CAP -4JIC					
*	12	DY74872	1	HOSE ASSY					
*	13	DY102752	1	GUARD PLATE					

\*=PART AVAILABLE FROM NEW DYMAX INC.

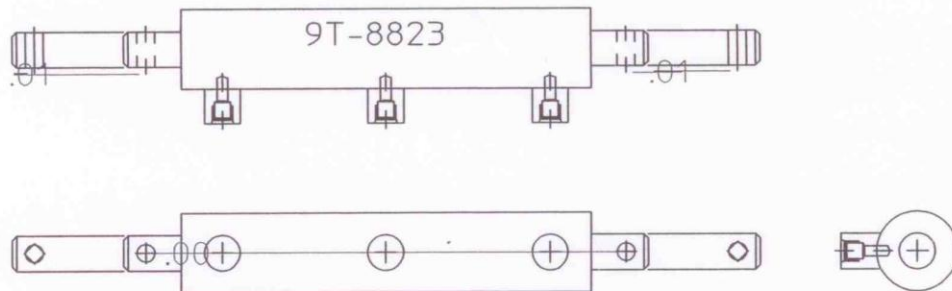
Y = SEPARATE ILLUSTRATION

M = METRIC PART

**CITY OF GRAND ISLAND  
ATTACHMENT 1  
FOR  
ONE (1) NEW SNOW BLOWER, FRONT-END LOADER MOUNTED**

HYDRAULIC CYLINDER DY42951

2.0 BORE  
CATERPILLAR No. 9T-8823



ROD #DY43007 - CAT No. 6E-5394  
SEAL KIT #DY43008 - CAT No. 9T-0418

REF.	PART NO.	QTY.	DESCRIPTION
1	DY43007	2	ROD (6E-5394)
2	DY43008	1	SEAL KIT (9T-0418)