



**SPECIFICATIONS FOR  
One 2014 (or newer)  
Complete Hook Lift Truck  
With Flatbed  
(Unit #1565)**

**UTILITIES DEPARTMENT  
LINE DIVISION**



ADVERTISEMENT FOR BIDS  
FOR A

One 2014 (or newer) Complete Hook Lift Truck with Flatbed  
(Unit #1565)  
Utilities Department, Line Division

Sealed bids will be received at the **Office of the City Clerk, 100 East First Street, Grand Island, NE 68801, until 2:00 p.m. (Local Time), Wednesday, June 26, 2013**, for furnishing a 2014 (or newer) Complete Hook Lift Truck with Flatbed (Unit #1565), FOB Grand Island, NE. Bids will be publicly opened at this time at the Office of the City Clerk, 100 East First Street, Grand Island, NE. **Bids received after the specified time will be returned unopened to sender.**

**Specifications are on file in the office of Utilities Administration. Bids shall be submitted on forms that will be furnished by the City. An original and three copies of the bid document must be submitted (FOUR TOTAL). The bid proposal package is also available on-line at [www.grand-island.com](http://www.grand-island.com) under Calendars.**

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 maintain a drug free workplace policy. Every public contractor and his, her or its subcontractors who are awarded a contract by the City for the physical performance of services within the State of Nebraska shall register with and use a federal immigration verification system to determine the work eligibility status of new employees physically performing services within the State of Nebraska.

Bids will be evaluated by the purchaser based on price, delivery, quality, and adherence to specifications. The Purchaser reserves the right to reject any or all bids, to waive technicalities, and to accept whichever bid that may be in the best interest of the City.

No Company may withdraw its bid for a period of 30 days after date of bid opening.

RaNae Edwards, City Clerk

**CHECKLIST FOR BID SUBMISSION**  
**One 2014 (or newer)**  
**Complete Hook Lift Truck**  
**With Flatbed**  
**(Unit #1565)**

Bids must be received by the City Clerk before:  
**2:00 p.m. (local time / central standard), on Wednesday, June 26, 2013.**

**Bids received after the specified time will be returned unopened to sender.**

The following items must be completed for your bid to be considered.

- A signed Original and three (3) copies of the bid document. **FOUR TOTAL. BIDS WILL NOT BE CONSIDERED WITHOUT FOUR (4) TOTAL DOCUMENTS.**
- A realistic delivery date for this equipment.
- A layout drawing showing full dimensions and weight distribution of this package proposal along with the net legal capacity of the unit when fully loaded.
- Bidders must complete and sign the Bid Data Form provided in these documents. All blank spaces must be filled in. Bidders shall acknowledge receipt of any Addenda information on the Bid Data Form.

Please check off each item as completed.

\_\_\_\_\_  
Company

\_\_\_\_\_  
Signature

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

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

GENERAL SPECIFICATIONS AND BID SHEET  
for  
One (1) 2014 (or newer)  
HOOK LIFT TRUCK WITH FLATBED  
CITY OF GRAND ISLAND, NEBRASKA

Sealed bids will be **received at the office of the City Clerk**, 100 East First St., Grand Island, NE 68801 or P.O. Box 1968, Grand Island, NE, until **2:00 p.m. (Local Time), Wednesday, June 26, 2013**, for furnishing one **(1) COMPLETE 2014 (or newer) HOOK LIFT TRUCK WITH FLATBED UNIT** as specified in these bidding documents, FOB Grand Island, NE.

**\*The City offers in trade:**

One (1) -1979 Ford F-701B, 24,000-GVWR, 176" wheel base, single rear axle (with duals) - 370-CID gas engine, 5 speed manual transmission with 2 speed rear end with 8'x12' Hydraulic dump - flat bed - (31,322 miles - as of 6/05/2013).

Trade in can be viewed by making arrangements with:  
Bryan Fiala Line Superintendent  
Grand Island Utilities Dept.  
1116 West North Front Street  
Grand Island NE 68801  
Office - (308)385-5472 or cell (308)390-5210

\*The Utilities Department reserves the rights to trade-in, sell or keep this existing unit.

**Exceptions to Specifications** - Any bidder who has exceptions to any specifications and requirements listed in the bidding documents must so state in the space provided below. Exceptions should also be noted in the blanks provided in the detailed specifications. It is the bidder's responsibility to clearly outline any exceptions. Failure by bidder to outline exceptions will require the successful bidder to comply with the specifications. A page may be attached with exceptions if necessary.

**Exceptions to specifications:**

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

**Bid Submittal**

All envelopes submitted by Bidder must state the item being bid on the face of envelope. All bidders must submit **one original and Three (3) copies of the bid document. FOUR TOTAL.**

**Manuals**

Refer to specifications.

<b>Warranty</b>	The equipment shall carry the standard warranty; bidder should include warranty details with the bid; failure to comply may cause bid rejection.
<b>Descriptive Literature</b>	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. 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.
<b>Optional Equipment</b>	The general and detailed specifications are the minimum requirements. Bidder may include optional equipment if desired. Optional equipment should be noted as such.
<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>Delivery</b>	Equipment is to be delivered from assembly point to Grand Island, Nebraska, by commercial freight, rail or truck. Unit shall not be towed in whole or part or driven in excess of 150 miles without the express authorization of the purchaser. Units are to be delivered completely serviced and ready for operation.
<b>Delivery Date</b>	Each bidder shall state in his bid a realistic delivery date for this equipment. Award winning bidder must deliver within quoted delivery time.
<b>Payment</b>	The equipment must be new, the latest make or model, unless otherwise specified. 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 after approval at the next regularly scheduled Council meeting occurring after departmental approval of 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.

**Fair Employment Practices** - Each bidder agrees that he/she will not discriminate against any employee or applicant for employment because of age, race, color, religious creed, ancestry, handicap, sex or political affiliation.

**Data Privacy** - 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.

**Independent Price Determination** - 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.

**Clarification of Specification Documents** - 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 specifications made in any other manner will not be binding on the City; and bidders shall not rely upon such interpretations or changes.

**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 thirty (30) 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 price, demonstration (if requested), delivery, quality, and adherence to specifications, warranty and 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.

CITY OF GRAND ISLAND  
BID REQUEST INSTRUCTIONS

The City of Grand Island, Nebraska, Utility Line Division, requests sealed bids for the following:

**COMPLETE 2014 (or Newer) HOOK LIFT TRUCK WITH FLATBED UNIT**

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

- **Advertisement to Bidders**
- **General Specifications**
- **Bid Request Instructions**
- **Minimum Bid Specifications with Bid Sheet**

Sealed bids must be received by **2:00 p.m. (Local Time), Wednesday, June 26, 2013**, and be addressed to:

**City Clerk**  
**City of Grand Island**  
**(Street Address) 100 East 1st Street, Grand Island, NE 68801**  
**(Mailing Address) P. O. Box 1968, Grand Island, NE 68802-1968**

Bid must include the following:

Completed Minimum Specifications and Bid Sheets - Attached  
Warranty Information  
Descriptive Literature

Instructions for Completing Specifications

Bidders must complete the attached specifications by typing or printing (in ink) responses in blanks. In the "Bidder's Offered Equipment" section, check applicable columns adjacent to component heading.

- Column 1.** Mark this column if equipment Exactly Meets Specifications.  
**Column 2.** Mark this column if equipment Does Not Meet Specifications, and describe equipment on the General Specifications Bid Sheet – Exceptions area.

All information required in specifications must be included with bid. Supplementary material that the bidder wishes to include will be appreciated, but is not required.

Please direct bid questions to:

Bryan Fiala, Electric Line Superintendent  
Grand Island Utilities Dept.  
1116 West North Front Street  
Grand Island NE 68801  
Office – (308)385-5472 or cell (308)390-5210  
Fax (308)389-3474

**SPECIFICATIONS  
FOR  
COMPLETE 2014 (or Newer) HOOK LIFT TRUCK WITH FLATBED  
(Minimum Bid Specifications)**

GENERAL INFORMATION:

The Unit shall be the latest, current model under standard production. It is to be equipped as regularly advertised and manufactured. If a manufacturer's standard item is specified, IT WILL BE FURNISHED. IF MANUFACTURER HAS A STANDARD ITEM THAT EXCEEDS THE FOLLOWING MINIMUM REQUIREMENTS THEN THAT STANDARD ITEM MUST BE FURNISHED. The unit shall be delivered complete, ready for satisfactory operation and shall comply with the terms, conditions and specifications set forth herein.

**FACTORY INSTALLATION:** If manufacturer has requirements available from factory, then these features when selected must be FACTORY-INSTALLED; if factory-installation is not available, then the features when selected must be noted as dealer-installation and an exception.

**DELIVERY:** Between 8:00 A.M. and 5:00 P.M. daily except Saturday, Sunday, and holidays after servicing. Deliveries desired prior to 120 days after receipt of order; quoted deliveries beyond 120 days are an award consideration. The Hook Lift Truck shall be delivered F.O.B. destination in Grand Island, Nebraska and in accordance with the delivery schedule shown on the purchase order. The supplier shall call 308-385-5472 or 308-390-5210 forty-eight (48) hours in advance for making delivery to:

Grand Island Utilities Line Division  
1116 West North Front Street  
Grand Island, Nebraska 68801

**SERVICE:** If unit has not been given proper dealer preparation prior to delivery, future consideration of that Dealer's bid may be withheld. Dealer's decals, stickers or other signs shall not be attached to the unit; manufacturer's nameplates, stampings and other signs are acceptable. Failure to comply with the above may result in the Dealer not being allowed to bid on future contracts with the City.



**REQUIRED MINIMUM SPECIFICATIONS – FOR ONE COMPLETE 2014 (or newer) HOOK  
LIFT TRUCK WITH FLATBED**

The intended use of this unit will be for the pulling of trailers, along with: picking up, use of, transport, and off-loading of a variety of beds/boxes. The bid for this unit at this time is to include a flatbed, but shall be designed to accept a variety of beds/boxes that may be purchased in the future.

Allow and note in bid, any discrepancies between what is specified for the truck or related components.

At time of bid opening, a layout drawing will be required showing full dimensions and weight distribution of this package proposal along with the net legal capacity of the unit when fully loaded.

\*Specified item can be substituted by a pre-approved equal or better brand or design.

		<b><u>Meets Specifications</u></b>	<b><u>Exceptions</u></b> (Explain on General Spec Bid Sheet)
<b>1.</b>	<b><i>Chassis: Cab/Chassis/Lift System – 2014 or newer model year</i></b>		
a.	Gross Vehicle Weight Rating – (G.V.W.R. minimum) 35,000 lbs.		
b.	The ability to haul 24,000 lbs. minimum on rear deck		
<b>2.</b>	<b><i>Wheelbase and related dimensions (a-e)</i></b>		
	<i>Note: the following dimensions are approximate. If measurements are not exactly as listed: ✓ List as an exception ✓ List subsequent dimension</i>		
a.	Basic – Center of front axle to center of rear axle: 197"		
b.	Cab to axle minimum: 138"		
c.	Clear truck frame rail minimum – (from back of cab and/or exhaust stack assembly): 184"		
d.	Axle to rear frame minimum: 49"		
e.	Frame height minimum: 40" <b><u>to the top</u></b>		

**Meets  
Specifications**

**Exceptions**  
(Explain on General  
Spec Bid Sheet)

<b>3.</b>	<b><i>Engine: 7.6 liter Diesel – Minimum</i></b>		
a.	245 hp (minimum) @ 2200 RPM		
b.	660 lb. ft. (minimum) torque @ 1300 RPM		
c.	2400 RMP Governed Speed		
d.	Electronic controls		
<b>4.</b>	<b><i>Alternator:</i></b>		
a.	12 volt – 160 amps (minimum)		
<b>5.</b>	<b><i>Batteries:</i></b>		
a.	12 volt – (12 volt negative ground system)		
b.	Maintenance free		
c.	2775 cold crank amps		
d.	Threaded studs		
e.	Shall include jump starts studs		
f.	Battery box – frame mounted, complete with lid		
<b>6.</b>	<b><i>Exhaust Piping:</i></b>		
a.	Single vertical stack		
b.	Located on the right-hand side		
c.	Stack shield – stainless or chrome		
<b>7.</b>	<b><i>Block Heater:</i></b>		
a.	120 volt		
b.	1000 watt		
c.	Receptacle mounted by driver's door with cover		
<b>8.</b>	<b><i>Fuel Filter:</i></b>		
a.	Spin-on		
b.	Heated – fuel and water separator		
<b>9.</b>	<b><i>Oil Filtering System:</i></b>		
a.	Full flow		
b.	Magnetic Drain Plug(s) on the pan		

**Meets  
Specifications**

**Exceptions**  
(Explain on General  
Spec Bid Sheet)

<b>10.</b>	<b><i>Coolant System:</i></b>		
a.	Filtered		
b.	Drain cock for radiator		
c.	Constant torque clamps for coolant hoses one inch (1") diameter and larger		
d.	Set up for -60 degrees Fahrenheit		
<b>11.</b>	<b><i>Engine Shutdown:</i></b>		
a.	Electric		
b.	Key operated		
<b>12.</b>	<b><i>Frame:</i></b>		
a.	Truck frame R.B.M. (each channel) 1,600,000 in./lb./per frame rail (3,200,000 in./lbs. total)		
b.	Clear frame rail (from back of cab and/or exhaust stack assembly) – to be a minimum of 184"		
c.	Unit shall be equipped with heavy duty steel rear bumper and installed as required by DOT regulations		
d.	Rear license plate mount end of frame (with light)		
<b>13.</b>	<b><i>Trailer Hitch:</i></b>		
a.	Heavy Duty – Pintle Style – Model PH-400		
b.	Designed with brake actuated air lock system *(anchor loc #2456003) and safety chain loops		
c.	Mounted height hook 25" +/- 1"		
<b>14.</b>	<b><i>Front Bumper:</i></b>		
a.	Heavy duty		
b.	Full width		
c.	Swept back style		
d.	With openings for and including two frame mounted tow hooks		
e.	Fender guides: ✓ Tip-lighted ✓ Visible from driver position		
f.	Grade 8 frame fasteners		

**Meets  
Specifications**

**Exceptions**  
(Explain on General  
Spec Bid Sheet)

<b>15.</b>	<b><i>Transmission:</i></b>		
a.	Allison 3500 RDS Automatic transmission with (dual) P.T.O. provision		
b.	Push button, electronic shift control		
c.	Pedestal mounted		
d.	Water to oil – transmission cooler ✓ Frame mounted		
e.	Transmission oil check and fill ✓ With electronic low oil level <b>warning light</b>		
f.	Five speeds forward – one reverse		
g.	RDS Programming General Purpose Trucks		
h.	Magnetic Drain Plug(s)		
i.	Set up with dual P.T.O. outputs		
<b>16.</b>	<b><i>Axle – Front:</i></b>		
a.	12,000 lb. capacity		
b.	Oil Lubricated type		
c.	Visual window for viewing of oil level		
<b>17.</b>	<b><i>Front Suspension:</i></b>		
a.	12,000 lb. capacity taper leaf		
b.	Maintenance free rubber bushings		
c.	With Shock absorbers		
<b>18.</b>	<b><i>Power Steering:</i></b>		
a.	With reservoir and oil/air cooler		
<b>19.</b>	<b><i>Brakes and Brake System:</i></b>		
a.	Parking brake valve – color coded yellow knob – located on the dash		
b.	Full air system		
d.	Air dryer, with heater (*BW-IP or Meritor-Wabco System Saver 1200)		

**Meets  
Specifications**

**Exceptions**  
(Explain on General  
Spec Bid Sheet)

<b>19. Brakes and Brake System (Con't):</b>			
e.	Non-asbestos linings		
f.	Automatic slack adjusters		
g.	Parking brake system on rear axle		
<b>DRUMS</b>			
a.	Cast iron		
b.	Outboard mounted		
c.	With dust shields		
d.	Machine balanced		
<b>Electric Trailer Brake Control</b>			
a.	A *(NAPA) model 89240 shall be furnished and installed in driver's area to match the wiring of existing fleet		
b.	Vehicle Connector Receptacles – shall have two (2) complete units/configurations – both mounted at rear		
c.	Depending on installation variables, they may be mounted either surface or flush (pending pre-approval)		
d.	*NAPA #89240 – Six (6) point round		
e.	*NAPA #BK755-1526 standard flat pin – seven (7) pin round		
f.	NOTE: Wired to match the wiring of existing fleet with wiring diagram for receptacles given to successful bidder		
<b>20. Air Compressor:</b>			
a.	Bendix		
b.	13.2 cubic ft. minimum displacement		
c.	1200 Air dryer		
<b>21. Axle – Rear Suspension:</b>			
a.	Rear assembly shall be heavy duty suspension type with minimum 23,000 pounds rated capacity		
b.	Single reduction		
c.	Iron rear axle carrier with heavy duty axle housing		

**Meets  
Specifications**

**Exceptions**  
(Explain on General  
Spec Bid Sheet)

<b>21. Axle – Rear Suspension (Con't):</b>		
d.	Blinking lamp with each mode switch, differential unlock with ignition off, active	
e.	One (1) Driver controlled locking differential switch	
f.	Blinking lamp with each mode switch, interaxle unlock default with ignition off	
g.	Oil lubricated type	
h.	Filler plug cap	
i.	Magnetic drain plug(s)	
<b>REAR SUSPENSION</b>		
a.	23,000 lb. heavy duty air suspension type, with pressure release control in cab	
b.	*Hendrickson or truck manufacturers recommended brand	
<b>22. Tires &amp; Rims:</b>		
a.	Rims to be of aluminum – Budd type – Center mount <b>Polished</b>	
b.	Front tires – three (3) **( 11R22.5)	
c.	Rear tires – Four(4) **( 11R22.5) ✓ <b>Includes one (1) spare tire and rim for front</b>	
<b>23. Paint/Colors: Supplier shall furnish RED paint choices and finishes prior to order</b>		
a.	Cab – Factory red exterior – including a clear coat	
b.	Interior – Factory standard gray	
c.	Frame, bed, rails, and other painted surfaces that are not red or normal factory color shall be black	
<b>24. Fuel Tank:</b>		
a.	Single 50 gallon aluminum fuel tank	
b.	Located under drivers side of cab	

**Meets  
Specifications**

**Exceptions**  
(Explain on General  
Spec Bid Sheet)

<b>25.</b>	<b>Electrical:</b>		
a.	<b>Multiplex system – if available</b>		
b.	Instructions shall be available in regards to utilization of the multiplex wiring system		
c.	If unit has multiplex wiring it shall be utilized wherever possible; strobes, pto, etc.		
<b>FUSING</b>			
a.	Shall be done with regard to proper sizing and accessibility noting location and size in all copies of corresponding truck operation and maintenance manuals		
b.	Should be of SAE blade type or circuit breaker style		
<b>SWITCHES AND BODY CIRCUITS</b>			
a.	Have adequate quantity of factory switches, body circuits to supply all needs of the truck, hook lift and auxiliary lighting and shall utilize multiplex wiring whenever possible with switches that have a lighted indication when in the on position – when truck is running		
b.	Two-way radio wiring effects for customer installed radio after accepted delivery: <ul style="list-style-type: none"> <li>✓ 15 amp circuit wired hot with 5 amp fuse</li> <li>✓ with a 10' coil taped in an accessible location with the wire end heat shrunk</li> </ul>		
<b>26.</b>	<b>Exterior Lighting:</b>		
a.	Rear truck lighting – Stop, Turn, Tail, and Back-up shall be incorporated into the rear of truck chassis		
b.	A four (4) corner strobe system *(Whelen #4" round TIR6 in rear and TIR3 for front or a four (4) corner hid-a-way system or equal) that is highly visible in the daylight (amber in front and red for the rear)		
c.	Light bar over cab: *(Whelen) VP series extended aluminum crossbar <ul style="list-style-type: none"> <li>✓ For the mounting of two *(Whelen) SL-360 - #L32LF strobes mounted toward outer portions of light bar</li> <li>✓ One (wired or wireless?) remote control - *Radio / Ray - #2020 dash mount remote – spot/flood light – positioned in the center of bar with control mounted or fastened inside the cab at a driver accessible location</li> </ul>		

**Meets  
Specifications**

**Exceptions**  
(Explain on General  
Spec Bid Sheet)

<b>27. Rear Fenders &amp; Mud Flaps:</b>			
a.	A full set of steel or aluminum rear fenders		
<b>MUD FLAPS</b>			
a.	Heavy duty – anti-sail plastic or rubber with anti-sail brackets		
b.	Located: <ul style="list-style-type: none"> <li>✓ Behind front tires</li> <li>✓ In front of rear tires</li> <li>✓ In back of rear tires</li> </ul>		
<b>28. Cab Exterior:</b>			
a.	Access steps for driver and passenger sides of cab		
b.	Grab handles – Left Hand/Right Hand		
c.	Five (5) (top of cab) amber marker lights <b>LED</b>		
d.	All door locks keyed the same		
e.	102" equipment width – maximum		
f.	Fiberglass hood and sunshade painted same color		
g.	Integral headlight/marker assembly		
h.	Standard side marker lights front & rear sides		
i.	Air-cab mounts		
<b>29. Horns – Two Different Systems:</b>			
a.	Air horn		
b.	Electric horn – dual tone		
<b>30. Mirrors – of the following minimum sizes with thermostatically controlled, heated heads</b>			
a.	Primary mirrors – dual bright heated west-coast style – Left hand and Right hand remote – door mounted mirrors with clearance lights		
b.	Auxiliary factory mirrors <ul style="list-style-type: none"> <li>✓ Left hand – convex – 7" round, square, or appropriately sized rectangular</li> <li>✓ Right hand – convex – 7" round, square or appropriately sized rectangular</li> </ul>		



**Meets  
Specifications**

**Exceptions**  
(Explain on General  
Spec Bid Sheet)

<b>31.</b>	<b><i>Glass:</i></b>		
a.	Normal factory tint on windshield/door glass		
b.	Manual door window regulators		
c.	Windshield washer reservoir with "low" fluid level indicator		
d.	Tinted rear window		
<b>32.</b>	<b><i>Cab Interior:</i></b>		
a.	Heater and defroster with air conditioning – to be standard factory fresh air with filter		
b.	Cab door latches with manual door locks		
c.	Adjustable tilt and telescoping steering column		
d.	18" steering wheel		
e.	Two (2) 12 volt power points		
f.	Radio – dash mounted and antenna – clock, AM-FM with weather band with four (4) speakers		
g.	Windshield washer and wiper control – electronic with delay		
<b><i>TO BE PROVIDED ON THE DRIVER AND PASSENGER SIDES:</i></b>			
a.	Premium interior package for the purpose of sound reduction. Standard storage areas in door panels, overhead in the visor, in/on dash		
b.	Vinyl door inserts and arms rests		
c.	Cup holder provisions		
d.	Interior sun visors		
e.	Vinyl floor matting with insulation		
f.	Removable factory customer floor mats		
g.	Courtesy lights for floor areas (controlled by door and light switch)		
h.	Center mounted dome light (controlled by door and light switch) with independently controlled map lights		

**Meets  
Specifications**

**Exceptions**  
(Explain on General  
Spec Bid Sheet)

*To be provided on the Driver & Passenger Sides (Con't):*

i.	High back air suspension seats (driver/passenger sides) With arm rests		
j.	Three (3) point fixed D-ring retractor driver and passenger seat belts		
<b>33. Instrument Panels &amp; Controls:</b>			
a.	Parking brake system – single valve with warning indicator		
b.	Low air pressure warning – light and buzzer		
c.	Two inch (2") primary and secondary air pressure gauges		
d.	Dash mounted air restriction indicator with graduations		
e.	Cruise control		
f.	Key operated ignition switch and integral start position. Four position off/run/start/accessory		
g.	Odometer/trip/hour/diagnostic/voltage display		
h.	Two inch (2") Electric fuel gauge		
i.	Two Inch (2") transmission oil temperature gauge		
j.	Electrical engine coolant temperature gauge		
k.	Electric engine oil pressure gauge		
l.	Diagnostic interface connector, located below dash		
m.	Engine hour meter integral within driver display		
n.	Electronic MPH speedometer with secondary KPH scale		
o.	Electronic tachometer 3,000 RPM		
p.	Ignition switch controlled engine stop		
q.	Digital voltage display integral with driver display		
r.	Single electric windshield wiper motor with delay		
s.	Marker light switch integral with headlight switch		
t.	One valve parking brake system with warning indicator		
u.	Self-canceling turn signal switch		

**Meets  
Specifications**

**Exceptions**  
(Explain on General  
Spec Bid Sheet)

<b>34.</b>	<b>Chains:</b>		
a.	Two (2) pair of chains to fit the outside tire of the rear duels		
b.	Shall have cam system latches		
c.	Complete with tensioners (must be heavy truck chain spring adjusters without any rubber components)		

### SPECIFICATIONS FOR HOOK LIFT SYSTEM

		<b>Meets Specifications</b>	<b>Exceptions</b> (Explain on General Spec Bid Sheet)
<b>1.</b>	<b>General Design – Hook Lift System</b>		
a.	Minimum of 24,000 lbs. lifting and dumping capacity		
b.	The complete mechanism, including hydraulics with service and parts readily available		
c.	The hook lift shall have a minimum of 53° dump angle on a 39" truck height chassis		
d.	Hook lift must be able to handle skid-mounted containers/bodies with sub frame lengths of 14' through 18'		
e.	The skid mounted containers/bodies must be supported by a pair of outside flanged tandem rollers at the rear of the hoist		
f.	The rear flanged rollers must have a minimum diameter of 6 ¼"		
g.	The tandem flanges rollers at the rear of the hoist must be adjustable to accommodate bodies/containers with outside sub-frame rail widths of 41 ¾" to 40 ½"		
h.	The hook to rear roller dimension to be minimum 159.81" in length		
i.	Dump/load cylinders are double acting, twin cylinders, sized for unit capacity with double integral counterbalance valves		
j.	Dump/load cylinders to be a minimum 6" bore by 60" stroke		

**Meets  
Specifications**

**Exceptions**  
(Explain on General  
Spec Bid Sheet)

<b>1. General Design – Hook Lift System (Con't)</b>		
k.	Telescoping jib section shall be double acting, single cylinder sized to unit capacity with a single counter balance valve	
l.	Jib cylinder to be a minimum 3.5" bore by 30" stroke	
m.	The hook lift jib must be capable of hydraulically sliding the body/container horizontally on the chassis without lifting off the hoist frame rails, to adjust weight distribution while remaining in the body locks	
n.	Must have a jib lock-out valve to prevent jib operation while in dump mode	
o.	Jib hook to be capable of reaching rearward to A-frame lifting bar by double articulating hinge points in the hoist mechanism	
p.	All lift sections must lock into a common rigid full-length frame to support this body/container when dumping. This must be accomplished by mechanical operated latches, which lock the mast without relying on gravity or hydraulic locks	
<b>2. Construction:</b>		
<b>MAIN FRAME OF HOIST</b>		
a.	The mainframe of the hoist is to be constructed of a "Z" rail configuration. The rail mainframe is to be a maximum of 8.5" in height and constructed of ¼" grade 50 steel	
b.	Hoist "Z" frame rails to include a minimum of eight (8) (four per side), 11 ¾" x 2 ¾" x ½" nylatron wear pads at the front of the "Z" for front body/container support. This nylatron pad will allow the containers/bodies to slide back and forth on the rail of the hoist with ease. Metal to metal contact (the metal sub frame of the container/ride on the sub-frame of the hoist) will not be allowed	
<b>BODY LOCKS</b>		
a.	Must have integral slide through lock down plates to secure body to hook lift in dump and transport positions, to accommodate different length bodies and allow for weight distribution changes while remaining in the body locks when in transport or in dump cycle	

**Meets  
Specifications**

**Exceptions**  
(Explain on General  
Spec Bid Sheet)

<b>SUB FRAME</b>		
a.	The "A" frame of the container/body shall be constructed to allow the hook lift operator to approach and load the container/body on the truck chassis from an angle	
b.	The skid-mounted container/body must have integral slide through lock down plates to secure body to hook lift in dump and transport positions, and to accommodate different length bodies or weight distribution changes while remaining in the body locks	
<b>HOOK ASSEMBLY</b>		
a.	Jib hook height 61 ¾" from the bottom of the long sills to the bottom of the hook	
b.	Hook-lift must be able to pick up body or container resting on a grade 21" below the grade the truck is on (assumes 39" truck frame height)	
c.	Vertical jib to be of rigid steel	
d.	Jib hook to be so designed to secure body to hoist without the need of a security safety latch	
e.	Jib hook to be permanently welded to jib (no bolt on jib hook will be accepted)	
<b>3.</b>	<b><i>Hydraulic System:</i></b>	
a.	Direct mount gear type pump, 17.4 gpm at 1,000 rpm, 2800 psi maximum system operating pressure	
b.	PTO control to be air/hot shift appropriate to transmission along with decal and indicator light	
c.	An hour meter shall be mounted inside drivers' area of the cab for the hydraulic system during the operation of the hoist ( <i>Note: this shall be a separate hour meter from the truck chassis meter</i> )	
d.	Reservoir Tank: <ul style="list-style-type: none"> <li>✓ 25 gallon oil (minimum)</li> <li>✓ Shall have a sight glass to indicate fluid level</li> <li>✓ Integral thermometer</li> <li>✓ Contain a 100 mesh, 74 micron screen strainer</li> </ul>	
e.	Control valves to be stackable type with J.I.C. 37° fittings	
f.	Hydraulic components shall be standard SAE type ports, hoses and "O" ring seal fittings in all pressure lines	
g.	All hydraulic components shall be installed in a neat professional manner conforming to current engineering and manufacturing practices	

**Meets  
Specifications**

**Exceptions**  
(Explain on General  
Spec Bid Sheet)

<b>3.</b>	<b><i>Hydraulic System (Con't):</i></b>		
h.	High pressure hoses to be SAE 100R2 type AT or equivalent, rated for 3,600 PSI (maximum) working pressure with JIC 37° fittings		
i.	Hydraulic fluid shall be fully compatible with UNIVIS N15 and shall meet specifications of Denison HF-O, HF-2 Vickers I-286-S, M-2950-S		
j.	System must contain an integral 2,800 psi relief valve		
k.	Dual control levers cable operated mounted in truck cab. Controls are to be spring centering type for safe operation		

**SAFETY AND MISCELLANEOUS EQUIPMENT**

<b>1.</b>	<b><i>Flatbed Body and Accessories:</i></b>		
a.	One flatbed 14' x 102" deck with sub-frame for hook lift system		
b.	Full width & height headache rack to protect rear of cab		
c.	Headache rack to be made from structural steel and welded to flatbed so that it's all one unit. (One unit meaning a frame hook point and headache rack to be as one)		
d.	Shall be super duty structural steel construction with the structural integrity needed in order to bolt a customer supplied cable rack along the top side along the left and right sides of the flatbed. Taking into account the need for accessibility or ability service the bolts or fastening devices – bolts, nuts, etc.		
e.	Builder will be responsible for attaining any specifics needed including exact; size, number and placement of holes		
f.	Flatbed top shall be a minimum of 3/16" thick diamond plate steel and *Rhino lined		
g.	Outer "C" channel around perimeter of deck section		
h.	Reflective red and white stripping shall be installed <b><u>continuously on both sides and rear</u></b> utilizing rolled stripping onto the outer "C" channel – to meet or exceed the DOT-C2-2 requirement		

**Meets  
Specifications**

**Exceptions**  
(Explain on General  
Spec Bid Sheet)

<b>1. Flatbed Body and Accessories (Con't):</b>		
i.	Flatbed will have 3 foot removable sides on the left and right sides of the flatbed.  Flatbed will have a Bi-fold tailgate that is to be hinged to the removable side rails on the flat bed.	
j.	In addition to the before mentioned stripping the bed shall have: <ul style="list-style-type: none"> <li>✓ CORNER REFLECTORS – of a bolt on design, with metal base and surrounding lip/flange OR recessed of a rubber suspension design of which shall be:</li> <li>✓ TWO ORANGE reflectors on each of the front corners – one facing forward and one facing the side</li> <li>✓ TWO RED reflectors on each of the rear corners – one facing rearward and one facing the side</li> </ul>	
k.	A-frame will have to accommodate a hook height of 61 ¾"	
<b>TRAINING</b>		
a.	Supplier shall provide adequate training <ul style="list-style-type: none"> <li>✓ Consisting of two (2) – three hour instructional sessions for the purpose of training eleven people in all aspects of operation of said unit – to include, but not limited to: <ul style="list-style-type: none"> <li>• Any specific driving/chassis controls</li> <li>• Operation of hook operation and transport of related bed(s)</li> </ul> </li> </ul>	
<b>MANUALS AT TIME OF DELIVERY – TWO (2) COPIES OF EACH:</b>		
a.	Chassis operation – can be on CD	
b.	Chassis maintenance – can be on CD	
c.	Chassis parts – can be on CD	
d.	Hook lift Operation – paper copy	
e.	Hook lift maintenance – paper copy	
f.	Hook lift parts – paper copy	
g.	Include any subsequent parts or equipment manuals not included in the above mentioned list	

**Meets  
Specifications**

**Exceptions**  
(Explain on General  
Spec Bid Sheet)

WARRANTY			
a.	Twelve (12) months – full parts and labor – from date of accepted delivery		

\*Specified item can be substituted by a pre-approved equal or better brand or design.



**BID FORM**  
**CITY OF GRAND ISLAND, NEBRASKA**  
 (All bids must be submitted on this form)  
 TO THE CITY COUNCIL  
 CITY OF GRAND ISLAND  
 GRAND ISLAND, NE

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 to the City of Grand Island, NE, hereby proposes to furnish and deliver such equipment FOB Grand Island, NE, at the following price:

ITEM DESCRIPTION	COST
Chassis (Brand) _____ Model # _____	\$ _____
Hook System (Brand) _____ Model # _____	\$ _____
Total Base Bid of Complete Unit – Chassis – Hook System – Flatbed	\$ _____
<b>Less Trade In:</b>	
1-1979 Ford F-701B, 24,000-GVWR 176" wheel base 370 CID gas engine, manual transmission with 2 speed rear end 8'x12' Hydraulic -Dump bed 31,322miles (as of 6/05/2013).	(\$ _____ )
<b>TOTAL NET COST (If trade-in price is accepted)</b>	<b>\$ _____</b>

\* The City of Grand Island does not pay Federal excise tax. The applicable state sales tax will be paid by the Utilities Department at the County Administration Building.

If awarded the contract, the undersigned bidder agrees to deliver the specified equipment within \_\_\_\_\_ days from date of order.

Terms shall be Net 30 unless otherwise stated by bidder.

Bidder acknowledges receipt of Addendum Number(s) \_\_\_\_\_ and has considered addendum information in bid preparation.

Attached to the bid is all supplementary information requested in the bidding documents.

Bidder Company Name \_\_\_\_\_ Date \_\_\_\_\_

Company Address \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(Printed) Name of Person Completing Bid \_\_\_\_\_

Signature \_\_\_\_\_

Telephone No. \_\_\_\_\_ Fax No. \_\_\_\_\_

**THE CITY OF GRAND ISLAND RESERVES THE RIGHT TO ACCEPT OR  
REJECT ANY OR ALL BIDS.**

**NOTE: any exceptions to specifications must be noted in the space provided on page one of  
General Specs.**