



# City of Grand Island

Tuesday, February 11, 2020

Council Session

## Item G-5

**#2020-37 - Approving Purchase of Two (2) 10 Cubic Yard Dump Trucks for the Streets Division of the Public Works Department**

Staff Contact: John Collins, P.E. - Public Works Director

# Council Agenda Memo

**From:** Shannon Callahan, Street Superintendent

**Meeting:** February 11, 2020

**Subject:** Approving Purchase of Two (2) 10 Cubic Yard Dump Trucks for the Streets Division of the Public Works Department

**Presenter(s):** John Collins PE, Public Works Director

## Background

The Streets Division of the Public Works Department has budgeted \$200,000.00 for two (2) new 10 cubic yard (CY) Dump Trucks for the 2019/2020 fiscal year. The new dump trucks will be replacing two existing units in the fleet, Unit 229 and Unit 218.

Unit 229, a 2003 GMC C8500 with dump body, has 5,821 hours and repair cost to purchase ratio of 1.18. This unit is used for plowing snow and hauling materials, such as dirt, gravel, street sweepings and snow. The Solid Waste Division is interested in purchasing this unit for the offered trade value of \$17,500.



*Unit 229*



Unit 218, a 2002 IH 4200 with flat bed, has 3,352 hours and repair cost to purchase ratio of 1.02. This unit is used for transporting equipment and tools to job sites primarily for the asphalt crew. The flatbed truck is loaded with the asphalt zipper or asphalt roller and will pull a trailer with the skid steer. This unit is under sized for its current use so one of the older dump trucks will be refurbished with a flat bed and used in its place. The new dump truck will replace the refurbished flatbed truck for hauling and plowing snow. Unit 218 was offered as a trade-in and valued at \$8,000.



*Unit 218*

## **Discussion**

Specifications for the new units include features the City typically spends time and money installing after the truck is build. This includes all flashing & strobe lights and a tarp system that covers the truck box when hauling materials that can blow out of the box (like leaves and street sweepings) and also 44" tall side walls on the truck box. The Units will also come installed with new safety features such as back-up camera and air ride suspension.

The City of Grand Island City Council approved the use of the National Joint Powers Alliance Buying Group (NJPA), now known as Sourcewell, with Resolution 2014-326.

To meet competitive bidding requirements, the Streets Division obtained pricing from the (NJPA) Sourcewell Contract No. 081716-NVS awarded to Navistar, Inc.; with Hansen International Truck, Inc. of Grand Island, NE assigned as our authorized dealer.

Per the Sourcewell Contract No. 081716-NVS the price for two (2) new 10 CY dump trucks (2020 International HV607 SBA with dump body), that meets the City's requirements, will be \$255,022.38. Hansen International is \$8,000.00 trade value for the Unit 218 and the Solid Waste Division will be purchasing Unit 229 for \$17,500. The net

Capital Equipment Funds required for this purchase will be \$229,522.38 (summary below).

Purchase Price for two (2) units	\$255,022.38
Trade Value (Unit 218)	(\$8,000.00)
<b>Net Purchase Price</b>	<b>\$247,022.38</b>
Funds to be Used:	
Solid Waste Funds (for Unit 229)	\$17,500.00
Capital Equipment Funds	\$229,522.38

The Streets Division of the Public Works Department has budgeted funds for a new Snow Heaver in the 2019/2020 Fiscal Year but is recommending a portion of these funds be used to supplement the purchase the two (2) new dump trucks.

### **Alternatives**

It appears that the Council has the following alternatives concerning the issue at hand. The Council may:

1. Move to approve
2. Refer the issue to a Committee
3. Postpone the issue to future date
4. Take no action on the issue

### **Recommendation**

City Administration recommends that the Council approve the purchase of a two (2)-2020 International HV607 SBA with dump body from Hansen International of Grand Island, NE for a net purchase price of \$247,022.38.

### **Sample Motion**

Move to approve the purchase of two (2)-2020 International HV607 SBA with dump body from Hansen International of Grand Island, NE for a net purchase price of \$247,022.38.



From International Brochure

## DESIGNED FOR DRIVERS IN THE TOUGHEST APPLICATIONS – YOURS.



HV507 REGULAR CAB



HV507 EXTENDED CAB



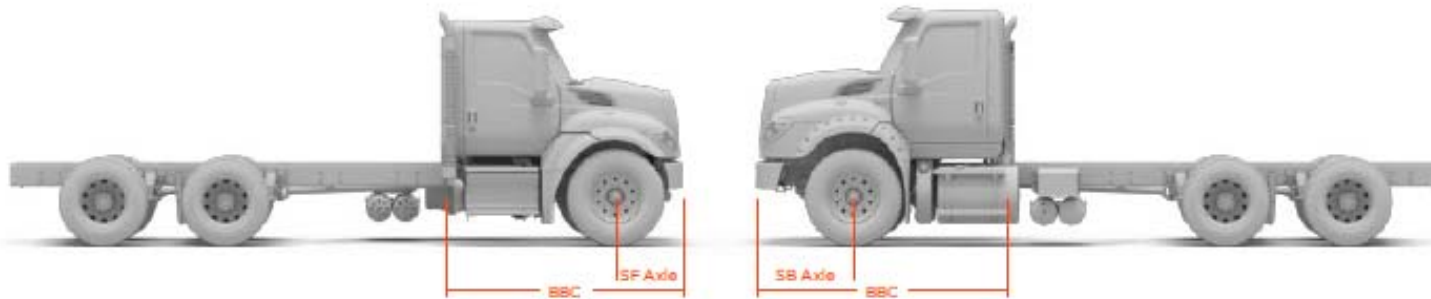
HV507 CREW CAB

### Model Nomenclature Key

HV507 =

Model Designation	Axle Configuration	BBC in inches	
HV	5 = Set-Forward	07	13
	6 = Set-Back	07	13

= HV with set-forward axle and a 107" BBC



Configuration	Model	Axes
Set-Forward Axle	HV507	4X2
		4X4
		6X4
		6X6
	HV513	4X2
		6X4
Configuration	Model	Axes
Set-Back Axle	HV607	4X2
		6X4
		4X2
	HV613	6X4
		8X6



# HV™ SERIES SPECIFICATIONS.

### GVW

- ▶ 4x2: 51,000 – 53,000 lbs.
- ▶ 4x4: 50,000 lbs.
- ▶ 6x4: 68,000 – 74,000 lbs.
- ▶ 6x6: 66,000 lbs.
- ▶ 8x6: 73,000 lbs.

### Models/BBC/BA

- ▶ HV507: 107" BBC, 32.4" BA
- ▶ HV513: 113" BBC, 29.5" BA (45.9" BA Tridem)
- ▶ HV607: 107" BBC, 40.3" BA
- ▶ HV613: 113" BBC / 45.9" BA

### Wheelbase Options

- ▶ 107" – 340"

### Axle Configurations

- ▶ 4x2
- ▶ 4x4 (HV507, HV513)
- ▶ 6x4
- ▶ 6x6 (HV507, HV513)
- ▶ 8x6 Tridem (HV513, HV613)

### Front Axle

- ▶ Dana Spicer
  - Non-Driving: 10,000 – 22,000 lbs.
- ▶ Meritor
  - Non-Driving: 10,000 – 22,000 lbs.
  - Driving: 10,000 – 18,000 lbs. (HV507, HV513)
- ▶ Fabco
  - Driving: 10,000 – 21,000 lbs. (HV507, HV513)

### Rear Axle

- ▶ SINGLE REAR AXLE (4x2)
  - Meritor
    - Single Reduction: 17,000 – 30,000 lbs.
    - Double Reduction: 26,000 – 38,000\* lbs.
    - Two-Speed: 21,000 – 23,000 lbs.
  - Dana Spicer
    - Single Reduction: 17,500 – 31,000 lbs.
    - Two-Speed: 19,000 – 23,000\* lbs.
- ▶ TANDEM REAR AXLE (6x4)
  - Meritor:
    - Single Reduction: 34,000 – 52,000 lbs.
  - Dana Spicer:
    - Single Reduction: 46,000 lbs.
- ▶ TRIDEM REAR AXLE (HV613)
  - Meritor:
    - Single Reduction: 53,000 lbs.

### Front Suspension

- ▶ Spring Multileaf: 14,000 – 20,000 lbs.
- ▶ Parabolic Taperleaf: 8,000 – 23,000 lbs.

### Rear Suspension

- ▶ Chalmers: 23,000 – 52,000 lbs.
- ▶ Hendrickson
  - RT: 34,000 – 52,000 lbs.
  - HAS: 23,000\* – 46,000 lbs.
  - HMD: 40,000 – 46,000 lbs.
- ▶ PRIMAX: 20,000 – 46,000 lbs., 69,000 lbs. (Tridem)
- ▶ Link: 46,000 lbs.
- ▶ International: 20,000 – 40,000\* lbs.

### Frames

- ▶ Heat Treated Alloy Steel 120,000 PSI
- ▶ 11.25" x .5" Super Single Rail

### Electrical System

- ▶ ALTERNATORS
  - Bosch: 12 Volt, 160 – 200 Amp
  - Lacey-Neville: 12 Volt, 160 – 325 Amp
  - Delco Remy: 12 Volt, 165 – 240 Amp
- ▶ BATTERY SYSTEMS
  - JCI: 12 Volt 1400 – 2100 CCA
  - Fleetrite®: 12 Volt 1320 – 3800 CCA
  - Deka: 12 Volt 2775 CCA

### Exhaust System

- ▶ Single canister after-treatment device
- ▶ Frame Mounted Right Side, Back of Cab or Under Cab
- ▶ Short Horizontal Tailpipe
- ▶ Single Vertical Tailpipe, Right Side Back of Cab

### Brakes

- ▶ Air Drum Brakes with ABS, Optional Traction Control, Optional Electronic Stability Program with Traction Control
- ▶ Air Disc Brakes

### Power Steering

- ▶ Single Power
- ▶ Dual Power on Front Axle 16,000 lbs. and Above

### Engines

- ▶ Cummins® B6.7: Up to 360 hp, 800 lb. – ft. of Torque\*\* (HV507, HV607)
- ▶ Cummins® L9: Up to 450 hp, 1250 lb. – ft. of Torque\*\* (HV507, HV607)
- ▶ International® A26™: Up to 475 hp, 1700 lb. – ft. of torque (HV513, HV613)

### Transmissions

- ▶ Eaton® Fuller: 6-, 10-, 11-, 13-, 15-Speed Manual
- ▶ Eaton UltraShift®: 10-, 11-, 13-, 18-Speed Automated Manual
- ▶ Eaton Fuller Advantage™ Series: 10-speed Automated Manual
- ▶ Allison: 3000, 4000 Series (HS\*, EVS, RDS) Automatic

### Fuel Tanks

- ▶ 40 – 120 Gallons, Single or Dual, Non-Polished or Polished Aluminum, Mounted Right or Left Side Under Cab

### Tires

- ▶ Continental, Michelin, Goodyear, Bridgestone

Specifications apply to HV Series as a whole. Individual model specification restrictions apply. Please see model spec cards for model-specific specifications.

\* Application restriction  
 \*\* Higher ratings available for fire and rescue applications



RESOLUTION 2020-37

WHEREAS, Sourcewell, formerly known as the National Joint Powers Alliance, cooperative purchasing group was utilized to secure competitive bids for two (2) 10 Cubic Yard Dump Trucks by the Streets Division of the Public Works Department; and

WHEREAS, Sourcewell Contract No. 081716-NVS was awarded to Navistar, Inc. and authorized Hansen International of Grand Island, NE to offer said contract pricing to the City of Grand Island, Nebraska; and

WHEREAS, the Public Works Department has recommended the purchase of (2)-2020 International HV607 SBA with dump body from Hansen International of Grand Island, NE for a purchase price of \$255,022.38 with a trade in allowance of \$8,000.00 for a net purchase price of \$247,022.38; and

WHEREAS, payment will be comprised of \$229,522.38 from Capital Equipment Funds and \$17,500 from Solid Waste Funds.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that a purchase order and subsequent payment for (2) 2020 HV607 SBA with dump body from Hansen International of Grand Island, NE is hereby approved.

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Adopted by the City Council of the City of Grand Island, Nebraska, February 11, 2020.

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Roger G. Steele, Mayor

Attest:

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RaNae Edwards, City Clerk

Approved as to Form	☐ _____
February 7, 2020	☐ City Attorney