



City of Grand Island

Tuesday, November 10, 2020

Council Session

Item G-6

#2020-276 - 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: November 10, 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 funds for two (2) new 10 CY Dump Trucks for the 2020/2021 fiscal year. The new dump trucks will be replacing two existing units in the fleet, Unit 221 and Unit 228.

Unit 221, a 2001 Sterling LT7500 with dump body, has 9,007 hours and repair cost to purchase ratio of 1.59. This unit is primarily used for plowing snow and hauling materials, such as dirt, gravel, street sweepings, hot mix asphalt, and snow.



Unit 221

Unit 228, a 2001 Sterling LT7500 with dump body, has 12,768 hours and repair cost to purchase ratio of 1.73. This unit is primarily used for hauling/spreading hot mix asphalt for roadway patching and plowing/hauling snow.



Unit 228

Discussion

The specifications for the dump trucks purchased last FY included features the City typically spends time and money installing after the truck is built. This includes 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. This was a good option for the Streets Division as there was virtually no down time once the trucks were received and therefore this same method will be used again.

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. 060920-NVS awarded to Navistar, Inc.; with Hansen International Truck Inc of Grand Island, NE assigned as our authorized dealer.

Per the Sourcewell Contract No. 060920-NVS the price for a new 10 CY dump trucks (2021 International HV607 SBA with dump body), that meets the City’s requirements, will be \$134,866.84. Hansen International is offering \$15,000.00 trade value per truck. The net Capital Equipment Funds required for this purchase will be \$239,733.68 (summary below).

Purchase Price for two (2) units	\$269,733.68
Trade Value for two (2) units	-\$30,000.00
Net Purchase Price	\$239,733.68

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)-2021 International HV607 SBA with dump body from Hansen International of Grand Island, NE for a net purchase price of \$239,733.68.

Sample Motion

Move to approve the purchase of two (2)-2021 International HV607 SBA with dump body from Hansen International of Grand Island, NE for a net purchase price of \$239,733.68.

Hansen International Truck

3354 W Stolley Park Rd
Grand Island, NE (Nebraska) 68803
Call Us: (308) 382-2400
<http://www.hansenintl.com/>



**HANSEN
INTERNATIONAL
TRUCK**

2021 INTERNATIONAL® HV™ SERIES



INFORMATION

2021 INTERNATIONAL® HV™ SERIES

Built Smart to Get More Done

DriverFirst™ is our design philosophy. It means we build our trucks around the driver. We've pored over every detail of the HV™ Series to make sure it's DriverFirst™ in every way.

Diamond logic® electrical system

The International Truck® Diamond Logic® electrical system is considered the most advanced in the industry—and for good reason. Diamond Logic streamlines chassis and body equipment integration and allows customers to program automated tasks. This means more consistent performance and increased equipment protection and crew safety.

More than one way to get the job done.

We know what you're up against going into a work day – long hours filled with new problems to solve. The HV™ Series makes it easy to tackle them, with big power under the hood, a durable chassis and the Diamond Logic® Electrical System to bring it all together.

Features may include:

Uptime

Don't sweat the small stuff

- The HVAC system is all new and re-engineered from the ground up to provide best-in-class reliability – proven through extensive testing.

Improved wiring

- Cab wiring is more reliable with newly designed harnesses, improved termination and a new robust in-cab power distribution module.

Driver-centric design

By drivers, for drivers

- To develop the HV™ Series, we listened and learned from hundreds of drivers, leading to design improvements that helped us create a truck that drivers want to drive.

Column shifter

- The new shifter is mounted on the steering column, allowing drivers to keep their hands on the wheel and eyes on the road.

More space

- We increased elbow room, hip room and leg room. For better comfort, we adjusted the armrest height. To improve ingress and egress, we increased the door's opening angle.

Durability

The big easy

- Keep the routine, routine. Easy to reach dash mounted circuit breakers, no-tools-needed halogen headlamp bulbs and air filter replacements, plus a full-tilt three-piece hood design increase your productivity and maximize uptime.

Always in control

- Roll stability control and dual steering gears for on/off highway conditions reduce steering effort on all types of terrain, regardless of load.

Safety

Air disc brakes

- Air disc brakes are now standard for both front and rear applications, air disc brakes provide shorter, surer stops, better braking feel and more braking power for improved safety. All while offering longer lining and rotor life and requiring less maintenance.

Electronic stability control

- Assists in both rollover and vehicle under- and over-steer situations to help maintain a vehicle's lateral stability and steerability. As well as provides drivers with improved safety and greater confidence behind the wheel during heavy and slippery surface braking applications.

PHOTOS



HIGHLIGHTS

- **Location** Grand Island, Nebraska
- **Year** 2021
- **Make** International®
- **Model** HV™ Series

- **Engine** Cummins® B6.7 | Cummins® L9 | International® A26
- **Transmission** Manual: Eaton: 6, 8LL (10), 9ALL (11), 13, 15, 18 speed | Automated Manual: Eaton UltraShift PLUS: 10, 11, 13, 18 speed / Eaton Fuller Advantage: 10 speed | Automatic: Allison Automatic: EVS, RDS, HS series
- **Status** Available

SPECIFICATIONS

2021 International® HV™ Series Base

Year	2021
Manufacturer	International®
Model Name	HV™ Series
Trim Name	Base
Generic Type (Primary)	Conventional without Sleeper
Engine	Cummins® B6.7 Cummins® L9 International® A26
Engine Power	Cummins® B6.7: 200-360 HP Cummins® L9: 260-450 HP International® A26: 365-500 HP
Engine Torque	Cummins® B6.7: 520-800 lb-ft. Cummins® L9: 720-1250 lb-ft. International® A26: 1250-1750 lb-ft.
Drivetrain	
Drive System	4x2 4x4 6x4 6x6 8x6 Tridem
Transmission	Manual: Eaton: 6, 8LL (10), 9ALL (11), 13, 15, 18 speed Automated Manual: Eaton UltraShift PLUS: 10, 11, 13, 18 speed / Eaton Fuller Advantage: 10 speed Automatic: Allison Automatic: EVS, RDS, HS series
Steering	Single Gear Power Dual Gear Power on Front Axle 16,000 lbs. And Above
Brakes	
Brake System Type	Air Disc Brakes with ABS, Optional Traction Control, Optional Electronic Stability Program with Traction Air Disc Brakes
Suspension	
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/HAS/HMX/Primaax: 34,000 - 52,000 lbs. / 23,000 - 46,000 lbs. / 40,000 - 46,000 lbs. / 20,000 - 46,000 lbs., 69,000 lbs. (Tridem) Link: 46,000 lbs. International: 20,000 - 40,000 lbs.
Electric	
Alternator	Leece-Neville: 12 Volt, 160 - 325 Amp Delco Remy: 12 Volt, 165 - 240 Amp
Dimensions	BBC Set-Back Front Axle: 107" BBC Set-Forward Front Axle: 107" BBC Set-Back Front Axle: 113" BBC Set-Forward Front Axle: 113"
Wheelbase	136 - 340"
Weights	
GVWR	51,000 - 73,000 lbs.
Capacities	
Fuel Capacity	40 - 120 Gallons
Axle Capacity, Front	Dana Spicer: Non-Driving: 10,000 - 22,000 lbs. Fabco: Driving: 10,000 - 22,000 lbs. Meritor Non Driving / Driving: 10,000 - 22,000 lbs. / 10,000 - 18,000 lbs.
Axle Capacity, Rear	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. Single Rear Axle (4x2) Dana: 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. Tandem Rear Axle (6x4) Dana: Single Reduction: 46,000 lbs.
Frame Type	Heat Treated Alloy Steel 120,000 PSI 11.25" x .5" thick Super Single Rail

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

Cab

Cab Construction **Day Cab | Extended Cab | Crew Cab (no sleepers)**

Cabover Interior **Classic | Diamond**

Lights and Safety

Headlight Type **Halogen**

Features

Construction Material **Fuel Tank: Single or Dual, Non-Polished or Polished Aluminum, Mounted Right or Left
Side Under Cab**

Wheels & Tires

Tire, Frame **Continental, Michelin, Goodyear, Bridgestone**

Battery **JCI: 12 Volt 1400 - 2100 CCA | Fleetrite®: 12 Volt 1320 - 3800 CCA | Deka: 12 Volt 2775
CCA**

RESOLUTION 2020-276

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

WHEREAS, Sourcewell Contract No. 060920-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)- 2021 International HV607 SBA with dump body from Hansen International of Grand Island, NE for a purchase price of \$269,733.68 with a trade in allowance of \$30,000.00 for a net purchase price of \$239,733.68.

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) 2021 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, November 10, 2020.

Roger G. Steele, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☒ _____
November 6, 2020	☒ City Attorney