

TOWN OF VIENNA

MEMORANDUM


TO: Michael Gallagher, Director of Public Works

FROM: Craig Schlemmer, Vehicle Maintenance Superintendent

CC: Jonathan Wooden; Operations Superintendent; Gina Gilpin, Purchasing Agent; Katrina Pruitt, Public Works Assistant

DATE: September 17, 2018

SUBJECT: Vehicle Replacement Dump Truck #88



Due for replacement according to the Vehicle Replacement Program (VRP) is vehicle #88 under the Public Works, Streets Division on page 7 of the VRP. Henderson has been awarded Sourcewell contract #080114-HPI for Snow and Ice Handling Equipment with Accessories, Services and Supplies. National Auto Fleet Group has been awarded Sourcewell contract #081716-NAF for Class 6, 7 & 8 Cab Chassis.

I recommend we purchase a Dump Truck with plow as listed on the attached proposals.

The costs are for the body and plow \$57,901; Cab & Chassis \$86,455 for a total of \$144,356. VRP estimated cost \$124,799.

Attachments: Contract 080114-HPI Quote
Contract 081716-NAF Quote



National Auto Fleet Group

A Division of Chevrolet of Watsonville

490 Auto Center Drive, Watsonville, CA 95076

(855) 289-6572 • (831) 480-8497 Fax

Fleet@NationalAutoFleetGroup.com

09/14/2018

Quote ID 7135

Mr. David Stephens

Town of Vienna
600 Mill Street NE
Vienna, VA 22180

Dear Mr. Stephens,

National Auto Fleet Group is pleased to quote the following vehicle(s) for your consideration.
One (1) New/Unused (2020 HV507 4x2 Chassis GVWR 35,000 Chassis Only) Provided by
Mr. Frank Goodpasture with International for:

	One Unit (1)
Sub Total	\$ 86,455.00
Tax (0.00%)	\$ 00.00
Total	\$ 86,455.00

This vehicle(s) is available under the **Sourcewell (Formerly Known as NJPA) Contract 081716-NAF**. Please reference this Bid Number on all Purchase Orders.

Thank you in advance for your consideration. Should you have any questions, please do not hesitate to call.

Sincerely,

Jesse Cooper
National Fleet Manager
Jcooper@Nationalautofleetgroup.com
Office (855) 289-6572
Fax (831) 480-8497

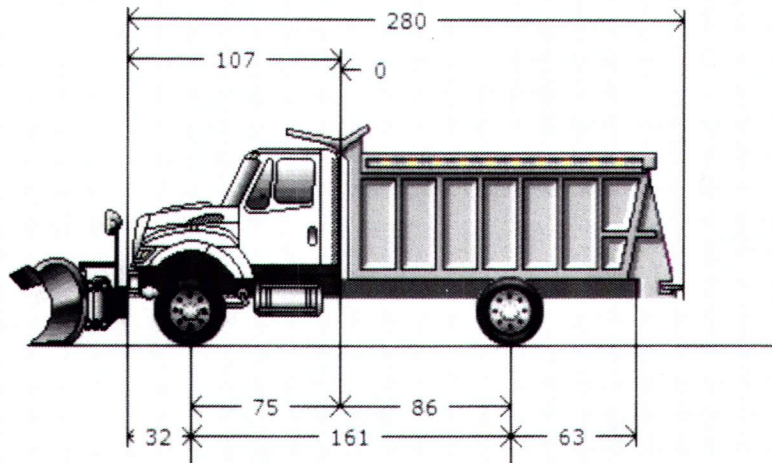


Prepared For:

National Auto Fleet Group
 Jesse Cooper
 490 Auto Center Dr.
 Watsonville, CA 95076-3726
 (855)289 - 6572
 Reference ID: Vienna

Presented By:

GOODPASTURE MOTOR CO
 Frank Goodpasture
 P.O. BOX 16277
 BRISTOL VA 24209
 276-669-0311



Model Profile
2020 HV507 SFA (HV507)

AXLE CONFIG:

4X2

APPLICATION:

Front Plow with spreader

MISSION:

Requested GVWR: 35000. Calc. GVWR: 36220
 Calc. Start / Grade Ability: 43.57% / 2.07% @ 55 MPH
 Calc. Geared Speed: 79.2 MPH

DIMENSION:

Wheelbase: 161.00, CA: 86.00, Axle to Frame: 63.00

ENGINE, DIESEL:

{Cummins B6.7 300} EPA 2017, 300HP @ 2600 RPM, 660 lb-ft Torque @ 1600 RPM, 2600 RPM
 Governed Speed, 300 Peak HP (Max)

TRANSMISSION, AUTOMATIC:

{Allison 3500 RDS} 5th Generation Controls, Wide Ratio, 6-Speed with Double Overdrive, with
 PTO Provision, Less Retarder, Includes Oil Level Sensor, with 80,000-lb GVW and GCW Max,
 On/Off Highway

CLUTCH:

Omit Item (Clutch & Control)

AXLE, FRONT NON-DRIVING:

{Meritor MFS-14-143A} Wide Track, I-Beam Type, 14,000-lb Capacity

AXLE, REAR, SINGLE:

{Dana Spicer 23082T} Two-Speed, 23,000-lb Capacity, 200 Wheel Ends Gear Ratio(s): 6.17, 8.40
 Conventional

CAB:**TIRE, FRONT:**

(2) 11R22.5 Load Range H ECOPLUS HS3 (CONTINENTAL), 495 rev/mile, 75 MPH, All-Position

TIRE, REAR:

(4) 11R22.5 Load Range G HDR2 (CONTINENTAL), 491 rev/mile, 75 MPH, Drive

SUSPENSION, RR, SPRING, SINGLE:

Vari-Rate; 23,500-lb Capacity, with 4500 lb Auxiliary Rubber Spring

FRAME REINFORCEMENT:

Outer "C" Channel, Heat Treated Alloy Steel (120,000 PSI Yield); 10.813" x 3.892" x 0.312";
 (274.6mm x 98.9mm x 8.0mm); 480.0" (12192mm) Maximum OAL

PAINT:

Cab schematic 100WK

Location 1: 9219, Winter White (Std)

Chassis schematic N/A

<u>Code</u>	<u>Description</u>
HV50700	Base Chassis, Model HV507 SFA with 161.00 Wheelbase, 86.00 CA, and 63.00 Axle to Frame.
1570	TOW HOOK, FRONT (2) Frame Mounted
1ANA	AXLE CONFIGURATION {Navistar} 4x2
	<u>Notes</u> : Pricing may change if axle configuration is changed.
1CBU	FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.125" x 3.580" x 0.312" (257.2mm x 90.9mm x 8.0mm); 480.0" (12192) Maximum OAL
1GBP	FRAME REINFORCEMENT Outer "C" Channel, Heat Treated Alloy Steel (120,000 PSI Yield); 10.813" x 3.892" x 0.312"; (274.6mm x 98.9mm x 8.0mm); 480.0" (12192mm) Maximum OAL
1LNS	BUMPER, FRONT Full Width, Aerodynamic, Steel, Painted 0001 Canyon Black; 0.189" Material Thickness
1WDT	FRAME EXTENSION, FRONT Integral; 20" In Front of Grille, with Outer "C" Channel Reinforcement
1WEV	WHEELBASE RANGE 146" (370cm) Through and Including 195" (495cm)
2ARV	AXLE, FRONT NON-DRIVING {Meritor MFS-14-143A} Wide Track, I-Beam Type, 14,000-lb Capacity
3ADD	SUSPENSION, FRONT, SPRING Parabolic, Taper Leaf; 14,000-lb Capacity; with Shock Absorbers
4091	BRAKE SYSTEM, AIR Dual System for Straight Truck Applications
4619	TRAILER CONNECTIONS Four-Wheel, with Hand Control Valve and Tractor Protection Valve, for Straight Truck
4AZA	AIR BRAKE ABS {Bendix AntiLock Brake System} Full Vehicle Wheel Control System (4-Channel)
4EBS	AIR DRYER {Bendix AD-9} with Heater
4EXP	BRAKE CHAMBERS, FRONT AXLE {Bendix} 20 SqIn
4EXU	BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 Spring Brake
4JCJ	BRAKES, FRONT, AIR CAM S-Cam; 16.5" x 5.0"; Includes 20 Sq. In. Long Stroke Brake Chambers
4NDB	BRAKES, REAR, AIR CAM S-Cam; 16.5" x 7.0"; Includes 30/30 Sq.In. Long Stroke Brake Chamber and Spring Actuated Parking Brake
4RUJ	AIR SUPPLY, AUXILIARY on Air Reservoir with Glad Hand Connector
4SPA	AIR COMPRESSOR {Cummins} 18.7 CFM Capacity
4VKC	AIR DRYER LOCATION Mounted Inside Left Rail, Back of Cab
4WDU	HAND CONTROL VALVE, AIR for Trailer Brakes, Omit Item
4WRP	DRAIN VALVE Automatic, with (3) Pull Chains, for Air Tanks
4WZJ	AIR TANK LOCATION (2) : One Mounted Under Each Frame Rail, Front of Rear Suspension, Parallel to Rail
5708	STEERING COLUMN Tilting
5CAW	STEERING WHEEL 4-Spoke; 18" Dia., Black
5PSA	STEERING GEAR {Sheppard M100} Power
7BEV	AFTERTREATMENT COVER Steel, Black
7BKS	EXHAUST SYSTEM Single Horizontal Aftertreatment Device, Frame Mounted Right Side Under Cab; for Single Vertical Tail Pipe, Frame Mounted Right Side Back of Cab
7WAZ	TAIL PIPE (1) Turnback Type, Non-Bright, for Single Exhaust
7WBS	MUFFLER/TAIL PIPE GUARD (1) Bright Stainless Steel

<u>Code</u>	<u>Description</u>
7WDM	EXHAUST HEIGHT 10'
8000	ELECTRICAL SYSTEM 12-Volt, Standard Equipment
8518	CIGAR LIGHTER Includes Ash Cup
8718	POWER SOURCE Cigar Type Receptacle without Plug and Cord
8GXD	ALTERNATOR {Leece-Neville AV160P2013} Brush Type; 12 Volt 160 Amp. Capacity, Pad Mount, with Remote Sense
8HAB	BODY BUILDER WIRING Back of Standard or Sleeper Cab at Left Frame or Under Extended or Crew Cab at Left Frame; Includes Sealed Connectors for Tail/Amber Turn/Marker/ Backup/Accessory Power/Ground and Sealed Connector for Stop/Turn
8HAH	ELECTRIC TRAILER BRAKE/LIGHTS Accommodation Package to Rear of Frame; for Combined Trailer Stop, Tail, Turn, Marker Light Circuits; Includes Electric Trailer Brake Accommodation Package with Cab Connections for Mounting Customer Installed Electric Brake Unit, Less Trailer Socket
8MKL	BATTERY SYSTEM {International} Maintenance-Free, (3) 12-Volt 1950CCA Total
8RMP	RADIO AM/FM/WB/Clock/3.5MM Auxiliary Input
8RMY	SPEAKERS (2) 5.25" Dual Cone Mounted in Both B-Pillars
8THB	BACK-UP ALARM Electric, 102 dBA
8THJ	AUXILIARY HARNESS 3.0' for Auxiliary Front Head Lights and Turn Signals for Front Plow Applications
8TKK	TRAILER AUXILIARY FEED CIRCUIT for Electric Trailer Brake Accommodation/Air Trailer ABS; with 30 Amp Fuse and Relay, Controlled by Ignition Switch
8VAY	HORN, ELECTRIC Disc Style
8WBW	JUMP START STUD Remote Mounted
8WGL	WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time
8WPH	CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Flush Mounted on Cab or Sunshade
8WPZ	TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights
8WRB	HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on
8WTK	STARTING MOTOR {Delco Remy 38MT Type 300} 12 Volt; less Thermal Over-Crank Protection
8WWJ	INDICATOR, LOW COOLANT LEVEL with Audible Alarm
8WXB	HEADLIGHT WARNING BUZZER Sounds When Head Light Switch is on and Ignition Switch is in "Off" Position
8WXD	ALARM, PARKING BRAKE Electric Horn Sounds in Repetitive Manner When Vehicle Park Brake is "NOT" Set, with Ignition "OFF" and any Door Opened
8WZP	INDICATOR, BATTERY WARNING Green BATTERY ON Indicator, Mounted on Left Side of Instrument Panel, To be Used with Factory Installed or Customer Mounted Battery Disconnect Switch
8XAH	CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses
8XDU	BATTERY BOX Steel, with Aluminum Cover, 14" Wide, 3 Battery Capacity, Mounted Left Side Under Cab
8XGT	TURN SIGNALS, FRONT Includes LED Side Turn Lights Mounted on Fender
8XHD	BATTERY DISCONNECT SWITCH 300 Amp; Cab Mounted, Disconnects Charging Circuits; Locks with Padlock
8XHN	HORN, AIR Black, Single Trumpet, with Lanyard Pull Cord

Code	Description
9585	FENDER EXTENSIONS Rubber
9AAB	LOGOS EXTERIOR Model Badges
9AAE	LOGOS EXTERIOR, ENGINE Badges
9HAN	INSULATION, UNDER HOOD for Sound Abatement
9HBM	GRILLE Stationary, Chrome
9HBN	INSULATION, SPLASH PANELS for Sound Abatement
9WBC	FRONT END Tilting, Fiberglass, with Three Piece Construction; for WorkStar/HV
10060	PAINT SCHEMATIC, PT-1 Single Color, Design 100
	<u>Includes</u> : PAINT SCHEMATIC ID LETTERS "WK"
10761	PAINT TYPE Base Coat/Clear Coat, 1-2 Tone
10SLV	PROMOTIONAL PACKAGE Government Silver Package
10WCY	SAFETY TRIANGLES
11001	CLUTCH Omit Item (Clutch & Control)
12703	ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection
12849	BLOCK HEATER, ENGINE 120V/1000W, for Cummins ISB/B6.7/ISL/L9 Engines
12851	PTO EFFECTS, ENGINE FRONT Less PTO Unit, Includes Adapter Plate on Engine Front Mounted
12EKA	ENGINE, DIESEL {Cummins B6.7 300} EPA 2017, 300HP @ 2600 RPM, 660 lb-ft Torque @ 1600 RPM, 2600 RPM Governed Speed, 300 Peak HP (Max)
12THT	FAN DRIVE {Horton Drivemaster} Direct Drive Type, Two Speed with Residual Torque Device for Disengaged Fan Speed
12UWZ	RADIATOR Cross Flow, Series System; 1228 SqIn Aluminum Radiator Core with Internal Water to Oil Transmission Cooler and 1167 In Charge Air Cooler
12VBC	AIR CLEANER Single Element
12VGM	FEDERAL EMISSIONS {Cummins B6.7} EPA, OBD and GHG Certified for Calendar Year 2018
12VXU	THROTTLE, HAND CONTROL Engine Speed Control for PTO; Electronic, Stationary Pre-Set, Two Speed Settings; Mounted on Steering Wheel
12WZE	EMISSION COMPLIANCE Federal, Does Not Comply with California Clean Air Idle Regulations
12XAT	ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; with Ignition Switch Control for Cummins ISB/B6.7 or ISL/L9 Engines
13AVL	TRANSMISSION, AUTOMATIC {Allison 3500 RDS} 5th Generation Controls, Wide Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, with 80,000-lb GVW and GCW Max, On/Off Highway
13WET	TRANSMISSION SHIFT CONTROL for Column Mounted Stalk Shifter
13WLP	TRANSMISSION OIL Synthetic; 29 thru 42 Pints
13WUC	ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS); General Purpose Trucks, Construction
13WYH	TRANSMISSION TCM LOCATION Located Inside Cab
13WYU	SHIFT CONTROL PARAMETERS Allison 3000 or 4000 Series Transmissions, 5th Generation Controls, Performance Programming

<u>Code</u>	<u>Description</u>
13XAL	PTO LOCATION Left Side of Transmission
14CDE	AXLE, REAR, SINGLE {Dana Spicer 23082T} Two-Speed, 23,000-lb Capacity, 200 Wheel Ends . Gear Ratio: 6.17, 8.40
14VAH	SUSPENSION, RR, SPRING, SINGLE Vari-Rate; 23,500-lb Capacity, with 4500 lb Auxiliary Rubber Spring
14WBT	2-SPEED SHIFT PACKAGE Controlled Shifting for 2-Speed Rear Axle, Requires Automatic Transmission in Neutral & Brake Pedal Pressed & Zero Vehicle Speed, Not with 30 psi Brakes Application
14WMG	AXLE, REAR, LUBE {EmGard FE-75W-90} Synthetic Oil; 30 thru 39.99 Pints
15LMS	FUEL/WATER SEPARATOR 12 VDC Electric Heater, Includes Pre-Heater, Includes Water-in-Fuel Sensor, Cummins Supplied on Engine
15SXJ	FUEL TANK Top Draw, Non-Polished Aluminum, 24" Dia, 50 US Gal (189L), Mounted Left Side, Under Cab
15WCN	DEF TANK 5 U.S. Gal. 18.9L Capacity, Frame Mounted Outside Left Rail, Under Cab
16030	CAB Conventional
16975	HEATER HOSES Silicone
16BAM	AIR CONDITIONER with Integral Heater & Defroster
16GDC	GAUGE CLUSTER Base Level; English with English Speedometer and Tachometer, for Air Brake Chassis, Includes Engine Coolant Temperature, Primary and Secondary Air Pressure, Fuel and DEF Gauges, Oil Pressure Gauge, Includes 3 Inch Monochromatic Text Display
16HGH	GAUGE, OIL TEMP, AUTO TRANS for Allison Transmission
16HKT	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster
16JNT	SEAT, DRIVER {National 2000} Air Suspension, High Back with Integral Headrest, Vinyl, Isolator, 1 Chamber Lumbar, with 2 Position Front Cushion Adjust, -3 to +14 Degree Angle Back Adjust
16SMH	SEAT, TWO-MAN PASSENGER {National} Fixed Back, Integrated Headrest in Both Occupant Positions, Vinyl, with Under Seat Storage Compartment
16SNT	MIRRORS (2) Aero; Pedestal, Power Adjust, Heated Heads, Turn Signals, Black Heads and Arms, 6.3" x 13.82" Flat Glass, 6.38" x 6.18" Convex Glass Both Sides
16VCC	SEAT BELT All Orange; 1 to 3
16VKB	CAB INTERIOR TRIM Classic, for Day Cab
	<u>Includes</u>
	: CONSOLE, OVERHEAD Molded Plastic with Dual Storage Pockets, Retainer Nets and CB Radio Pocket; Located Above Driver and Passenger
	: DOME LIGHT, CAB Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Overhead Console, Center Mounted
	: SUN VISOR (2) Padded Vinyl; 2 Moveable (Front-to-Side) Primary Visors, Driver Side with Toll Ticket Strap
16WEE	CAB SOUND INSULATION Includes Dash Insulator and Engine Cover Insulator
16WHJ	HOSE CLAMPS, HEATER HOSE {Breeze} Belleville Washer Type
16WJU	WINDOW, POWER (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature
16WSK	CAB REAR SUSPENSION Air Bag Type
16XJN	INSTRUMENT PANEL Flat Panel
16ZBT	ACCESS, CAB Steel, Driver & Passenger Sides, Two Steps Per Door, for use with Regular and Extended Cabs

<u>Code</u>	<u>Description</u>
27DTH	WHEELS, FRONT {Maxion 10049} DISC; 22.5x8.25 Rims, Painted Steel, 5-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with .490" Thick Increased Capacity Disc and Steel Hubs
28DTH	WHEELS, REAR {Maxion 10049} DUAL DISC; 22.5x8.25 Rims, Painted Steel, 5-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with .490" Thick Increased Capacity Disc and Steel Hubs
29PAR	PAINT IDENTITY, FRONT WHEELS Disc Front Wheels; with Vendor Applied White Powder Coat Paint
29PAS	PAINT IDENTITY, REAR WHEELS Disc Rear Wheels; with Vendor Applied White Powder Coat Paint
60AAG	BDY INTG, REMOTE POWER MODULE Mounted Inside Cab behind Driver Seat; Up to 6 Outputs & 6 Inputs, Max. 20 amp. per Channel, Max. 80 amp Total (Includes 1 Switch Pack with Latched Switches)
7372135423	(4) TIRE, REAR 11R22.5 Load Range G HDR2 (CONTINENTAL), 491 rev/mile, 75 MPH, Drive
7382135429	(2) TIRE, FRONT 11R22.5 Load Range H ECOPLUS HS3 (CONTINENTAL), 495 rev/mile, 75 MPH, All-Position

Services Section:

40128	WARRANTY Standard for HV507, HV50B, HV607 Models, Effective with Vehicles Built July 1, 2017 or Later, CTS-2025A
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