



LAKESIDE INTERNATIONAL TRUCKS

PROUDLY SERVING THE TRANSPORTATION INDUSTRY SINCE 1984

November 5, 2018

Mr. Jim Leu
City of West Allis
7525 W. Greenfield Ave
West Allis, WI 53214

Dear Sir,

At this time, per your request I am happy to quote you on one (1) new 2019 Tandem axle dump truck chassis (prop# 20065) as per NJPA pricing. This chassis in specification is a duplicate of quality purchased by the City of West Allis #42656.

Price for base chassis per city specification and NJPA pricing \$120,475

I would like to thank you for considering Lakeside International the opportunity to quote the City of West Allis on your dump truck chassis needs.

Respectfully,
Lakeside International Trucks

Rob Eckman
Fleet Account Executive

Lakeside International, L.L.C.
Corporate Office
11000 W. Silver Spring Rd.
P.O. Box 250827
Milwaukee, WI 53225
(414) 353-4800
(800) 236-0444
Fax: (414) 353-2743
www.lakesidetrucks.com

Wisconsin Locations

Milwaukee
Madison
Racine
West Bend
Random Lake
Janesville
Monroe

Illinois Location

Rockford

TRUCK SALES

PARTS

SERVICE

LEASING

RENTAL

COLLISION & PAINT CENTER

FINANCING

11-12-14 Dump
120,475



HV613

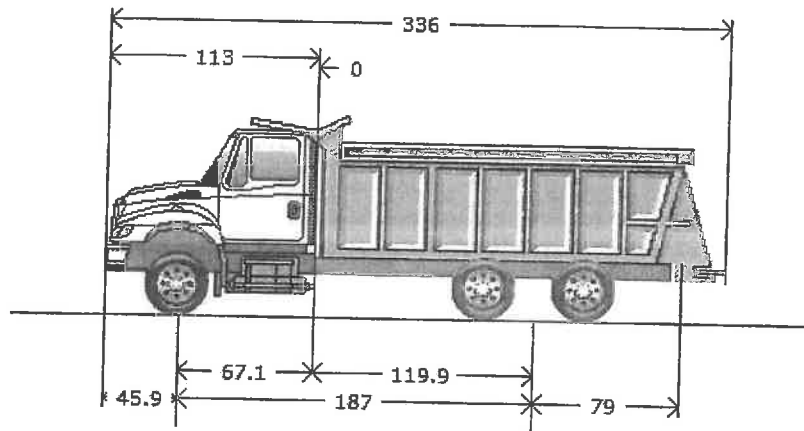
Sales Proposal For:
CITY OF WEST ALLIS

Presented By:
LAKESIDE INTL, LLC

Prepared For:
 CITY OF WEST ALLIS
 Gene Baietto
 7525 W GREENFIELD AVE
 WEST ALLIS, WI 53214-
 (414)302 - 8300
 Reference ID: N/A

Presented By:
 LAKESIDE INTL, LLC
 Robert C Eckman
 11000 W SILVER SPRING RD
 MILWAUKEE WI 53225 -
 (414)353-4800

Thank you for the opportunity to provide you with the following quotation on a new International truck. I am sure the following detailed specification will meet your operational requirements, and I look forward to serving your business needs.



Model Profile
 2019 HV613 (HV613)

| | |
|----------------------------------|---|
| AXLE CONFIG: | 6X4 |
| APPLICATION: | Construction Dump |
| MISSION: | Requested GVWR: 58000. Calc. GVWR: 66000 Calc. Start / Grade Ability: 28.58% / 2.78% @ 55 MPH Calc. Geared Speed: 78.5 MPH |
| DIMENSION: | Wheelbase: 187.00, CA: 119.90, Axle to Frame: 79.00 |
| ENGINE, DIESEL: | {International A26} EPA 2017, 390HP @ 1700 RPM, 1450 lb-ft Torque @ 1000 RPM, 2100 RPM Governed Speed, 390 Peak HP (Max) |
| TRANSMISSION, AUTOMATIC: | {Allison 4500 RDS} 5th Generation Controls, Wide Ratio, 5-Speed with Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, On/Off Highway |
| CLUTCH: | Omit Item (Clutch & Control) |
| AXLE, FRONT NON-DRIVING: | {Meritor MFS-20-133A} Wide Track, I-Beam Type, 20,000-lb Capacity |
| AXLE, REAR, TANDEM: | {Meritor RT-46-164EH} Single Reduction, Standard Width, 46,000-lb Capacity, Driver Controlled Locking Differential in Forward-Rear and Rear-Rear Axle, 200 Wheel Ends Gear Ratio: 4.30 Conventional |
| CAB: | (2) 315/80R22.5 Load Range L CITY SERVICE HA3 (CONTINENTAL), 480 rev/mile, 68 MPH, All-Position |
| TIRE, FRONT: | (8) 11R22.5 Load Range H HDR2 (CONTINENTAL), 491 rev/mile, 75 MPH, Drive |
| TIRE, REAR: | {Chalmers 854-46H} Walking Beam Type, with Rubber Spring, 54" Axle Spacing; 46,000-lb Capacity, with Standard Restrictor Cans, (8) Torque Rods, Less Shocks |
| SUSPENSION, REAR, TANDEM: | Cab schematic 100WN |
| PAINT: | Location 1: 9219, Winter White (Std) Chassis schematic N/A |

| <u>Code</u> | <u>Description</u> | <u>F/R Wt</u> (lbs) | <u>Tot Wt</u> (lbs) |
|-------------|---|------------------------|------------------------|
| HV61300 | Base Chassis, Model HV613 with 187.00 Wheelbase, 119.90 CA, and 79.00 Axle to Frame. | 8297/4292 | 12589 |
| 1570 | TOW HOOK, FRONT (2) Frame Mounted | 8/0 | 8 |
| 1AND | AXLE CONFIGURATION 6x4 | 0/0 | 0 |
| | <u>Includes</u> : DRIVESHAFT 1810 Series Transmission to Rear Axle : INNER-AXLE SHAFT 1710 Series Forward Rear Axle to Rear Rear Axle | | |
| | <u>Notes</u> : Pricing may change if axle configuration is changed. | | |
| 1CAJ | FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.866" x 3.622" x 0.433" (276.0mm x 92.0mm x 11.1mm); 456.0" (11582mm) Maximum OAL | 154/421 | 575 |
| 1LNR | BUMPER, FRONT Steel, Swept Back; Painted 0001 Canyon Black | 0/0 | 0 |
| 1WDS | FRAME EXTENSION, FRONT Integral; 20" In Front of Grille | 141/-36 | 105 |
| 1WHP | WHEELBASE RANGE 183" (465cm) Through and Including 248" (630cm) | 0/0 | 0 |
| 2ARY | AXLE, FRONT NON-DRIVING {Meritor MFS-20-133A} Wide Track, I-Beam Type, 20,000-lb Capacity | 186/0 | 186 |
| 3AHU | SUSPENSION, FRONT, SPRING Multi-Stage, Taper Leaf; 20,000-lb Capacity, with Shock Absorbers | 285/0 | 285 |
| 4091 | BRAKE SYSTEM, AIR Dual System for Straight Truck Applications | 0/0 | 0 |
| 4193 | BRAKES, FRONT, AIR CAM 16.5" x 6", Includes 24 SqIn Long Stroke Brake Chambers | 39/0 | 39 |
| 4732 | DRAIN VALVE {Berg} with Pull Chain, for Air Tank | 0/0 | 0 |
| 4AZA | AIR BRAKE ABS {Bendix AntiLock Brake System} Full Vehicle Wheel Control System (4-Channel) | 0/0 | 0 |
| 4EBT | AIR DRYER {Bendix AD-IP} with Heater | 21/4 | 25 |
| 4EXU | BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 Spring Brake | 0/0 | 0 |
| 4EXV | BRAKE CHAMBERS, FRONT AXLE {Bendix} 24 SqIn | 2/0 | 2 |
| 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 | 0/0 | 0 |
| 4SPM | AIR COMPRESSOR {Bendix BA-921 Head Unload} 15.9 CFM Capacity, Single Cylinder | 0/0 | 0 |
| 4VKB | AIR DRYER LOCATION Mounted Inside Right Rail, Back of Cab | 0/0 | 0 |
| 4VKK | AIR TANK LOCATION (2) Mounted Under Battery Box, Outside Right Rail, Back of Cab, Perpendicular to Rail | 0/0 | 0 |
| 5708 | STEERING COLUMN Tilting | 0/0 | 0 |
| 5CAW | STEERING.WHEEL 4-Spoke; 18" Dia., Black | 0/0 | 0 |
| 5PTB | STEERING GEAR (2) {Sheppard M100/M80} Dual Power | 119/0 | 119 |
| 7BEU | AFTERTREATMENT COVER Aluminum | 0/0 | 0 |

| <u>Code</u> | <u>Description</u> | <u>F/R Wt</u> (lbs) | <u>Tot Wt</u> (lbs) |
|-------------|---|------------------------|------------------------|
| 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 | 54/23 | 77 |
| 7WBA | TAIL PIPE (1) Turnback Type, Bright, for Single Exhaust | 0/0 | 0 |
| 7WBS | MUFFLER/TAIL PIPE GUARD (1) Bright Stainless Steel | 0/0 | 0 |
| 7WCR | EXHAUST HEIGHT 10' 11" | 2/0 | 2 |
| 8000 | ELECTRICAL SYSTEM 12-Volt, Standard Equipment | 0/0 | 0 |
| 8541 | HORN, ELECTRIC (2) Disc Style | 0/0 | 0 |
| 8718 | POWER SOURCE Cigar Type Receptacle without Plug and Cord | 1/0 | 1 |
| 8GGG | ALTERNATOR {Delco Remy 36SI} Brushless, 12 Volt 165 Amp. Capacity, Pad Mount, with Remote Voltage Sensor | 6/0 | 6 |
| 8HAU | BODY BUILDER WIRING INSIDE CAB; Includes Sealed Connectors for Tail/Amber, Turn/Marker/Backup/Accessory, Power/Ground, and Stop/Turn | 1/0 | 1 |
| 8MKL | BATTERY SYSTEM {International} Maintenance-Free, (3) 12-Volt 1950CCA Total | 0/0 | 0 |
| 8RGA | 2-WAY RADIO Wiring Effects; Wiring with 20 Amp Fuse Protection, Includes Ignition Wire with 5 Amp Fuse, Wire Ends Heat Shrink and Routed to Center of Header Console in Cab | 1/0 | 1 |
| 8RMP | RADIO AM/FM/WB/Clock/3.5MM Auxiliary Input | 2/0 | 2 |
| 8RMY | SPEAKERS (2) 5.25" Dual Cone Mounted in Both B-Pillars | 4/0 | 4 |
| 8THJ | AUXILIARY HARNESS 3.0' for Auxiliary Front Head Lights and Turn Signals for Front Plow Applications | 2/0 | 2 |
| 8TNR | BATTERY CABLES with 36" of Extra Length Coiled and Strapped Near Battery Box | 3/0 | 3 |
| 8TPR | STOP, TURN, TAIL & B/U LIGHTS {Weldon} LED Multi-Function Lamp, Mounted Outside Rails, Includes License Plate Light | -1/16 | 15 |
| 8VUJ | BATTERY BOX Steel with Plastic Cover, 18" Wide, 2, 3, or 4 Battery Capacity, Mounted Right Side Back of Cab | 0/0 | 0 |
| 8VZR | SWITCH, BODY CIRCUITS, MID for Bodybuilder, 6 Momentary Switches in Instrument Panel; One Power Module with 6 Channels, 20 Amp Max. Per Channel, 80 Amp Max Output, Switches Control Power Module Through Multiplex Wiring, Mounted in Cab Behind Driver Seat | 1/0 | 1 |
| 8WGL | WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time | 0/0 | 0 |
| 8WJV | BATTERY DISCONNECT SWITCH {Joseph Pollak} for Cab Power Disconnect Switch; Lever Operated, Disconnects Power to PDC, Does Not Disconnect Charging Circuits, Cab Mounted | 4/0 | 4 |
| 8WML | HEADLIGHTS Long Life Halogen; for Two Light System | 0/0 | 0 |
| 8WPH | CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Flush Mounted on Cab or Sunshade | 0/0 | 0 |
| 8WPZ | TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights | 0/0 | 0 |
| 8WRB | HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on | 0/0 | 0 |

| <u>Code</u> | <u>Description</u> | <u>F/R Wt</u> (lbs) | <u>Tot Wt</u> (lbs) |
|-------------|---|------------------------|------------------------|
| 8WTL | STARTING MOTOR {Delco Remy 39MT} 12 Volt; Gear Reduced, with Thermal Over-Crank Protection | 0/0 | 0 |
| 8WXD | ALARM, PARKING BRAKE Electric Horn Sounds in Repetitive Manner When Vehicle Park Brake is "NOT" Set, with Ignition "OFF" and any Door Opened | 0/0 | 0 |
| 8XAH | CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses | 0/0 | 0 |
| 8XGT | TURN SIGNALS, FRONT Includes LED Side Turn Lights Mounted on Fender | 0/0 | 0 |
| 9585 | FENDER EXTENSIONS Rubber | 0/0 | 0 |
| 9AAB | LOGOS EXTERIOR Badges | 0/0 | 0 |
| 9AAE | LOGOS EXTERIOR, ENGINE Badges | 0/0 | 0 |
| 9HBM | GRILLE Stationary, Chrome | 0/0 | 0 |
| 9HBN | INSULATION, SPLASH PANELS for Sound Abatement | 3/0 | 3 |
| 9WBK | FRONT END Tilting, Fiberglass, with Three Piece Construction Includes Long Hood | 0/0 | 0 |
| 10060 | PAINT SCHEMATIC, PT-1 Single Color, Design 100 | 0/0 | 0 |
| 10761 | PAINT TYPE Base Coat/Clear Coat, 1-2 Tone | 0/0 | 0 |
| 10AAX | OVER THE AIR PROGRAMMING (Navistar) for Navistar or International Engines | 0/0 | 0 |
| 10JPA | CUSTOMER IDENTITY for National Joint Powers Alliance | 0/0 | 0 |
| 10WBS | KEYS - ALL ALIKE, ADDITIONAL 2 Keys | 0/0 | 0 |
| 10WJH | PROMOTIONAL PACKAGE Government and Municipal Silver Package; Two Year Limited Subscription of On-Command Service Information (Formerly Fleet ISIS), and On-Command Parts Information (Formerly Fleet Parts Catalog), Requires Specific Feature Combinations | 0/0 | 0 |
| 10WKN | KEYS - ALL ALIKE, ID I-1624 Compatible with Z-250 | 0/0 | 0 |
| 11001 | CLUTCH Omit Item (Clutch & Control) | -135/-21 | -156 |
| 12703 | ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection | 0/0 | 0 |
| 12864 | BLOCK HEATER, ENGINE {Phillips} 120V/1500W | 4/0 | 4 |
| 12BDZ | ENGINE, DIESEL {International A26} EPA 2017, 390HP @ 1700 RPM, 1450 lb-ft Torque @ 1000 RPM, 2100 RPM Governed Speed, 390 Peak HP (Max) | 0/0 | 0 |
| 12THT | FAN DRIVE {Horton Drivemaster} Direct Drive Type, Two Speed with Residual Torque Device for Disengaged Fan Speed | 0/0 | 0 |
| 12VAG | AIR CLEANER Single Element, with Integral Snow Valve and In-Cab Control | 2/0 | 2 |
| 12VGA | ENGINE CONTROL, REMOTE MOUNTED for PTO with N13/A26 Engines | 0/0 | 0 |
| 12VGK | FEDERAL EMISSIONS {International A26} EPA, OBD and GHG Certified for Calendar Year 2018 | 0/0 | 0 |
| 12WEG | COLD STARTING EQUIPMENT Automatic; with Engine ECM Control | 0/0 | 0 |
| 12WTA | FAN DRIVE SPECIAL EFFECTS Fan Cooling Ring with Fan Shroud Effects, Engine Mounted | 0/0 | 0 |

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Vehicle Specifications
2019 HV613 (HV613)

December 28, 2017

| <u>Code</u> | <u>Description</u> | <u>F/R Wt</u> (lbs) | <u>Tot Wt</u> (lbs) |
|-------------|--|------------------------|------------------------|
| 12WZE | EMISSION COMPLIANCE Federal, Does Not Comply with California Clean Air Idle Regulations | 0/0 | 0 |
| 12XBD | RADIATOR Aluminum; Welded, Front to Back CrossFlow System, 1292 SqIn, 1008 SqIn CAC | 0/0 | 0 |
| 13AUT | TRANSMISSION, AUTOMATIC {Allison 4500 RDS} 5th Generation Controls, Wide Ratio, 5-Speed with Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, On/Off Highway | 128/177 | 305 |
| 13WAW | OIL COOLER, AUTO TRANSMISSION {Modine} Water to Oil Type | 25/0 | 25 |
| 13WET | TRANSMISSION SHIFT CONTROL for Column Mounted Stalk Shifter | 0/0 | 0 |
| 13WLM | TRANSMISSION OIL Synthetic; 63 thru 76 Pints | 0/0 | 0 |
| 13WUC | ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS); General Purpose Trucks, Construction | 0/0 | 0 |
| 13WYH | TRANSMISSION TCM LOCATION Located Inside Cab | 0/0 | 0 |
| 13WYU | SHIFT CONTROL PARAMETERS Allison 3000 or 4000 Series Transmissions, 5th Generation Controls, Performance Programming | 0/0 | 0 |
| 13XAT | PTO LOCATION Dual, Left Side and Top of Transmission | 0/0 | 0 |
| 14HRC | AXLE, REAR, TANDEM {Meritor RT-46-164EH} Single Reduction, Standard Width, 46,000-lb Capacity, Driver Controlled Locking Differential in Forward-Rear and Rear-Rear Axle, 200 Wheel Ends . Gear Ratio: 4.30 | 0/1970 | 1970 |
| 14UZU | SUSPENSION, REAR, TANDEM {Chalmers 854-46H} Walking Beam Type, with Rubber Spring, 54" Axle Spacing; 46,000-lb Capacity, with Standard Restrictor Cans, (8) Torque Rods, Less Shocks | 0/433 | 433 |
| 14WMK | AXLE, REAR, LUBE {EmGard FE-75W-90} Synthetic Oil; 65 thru 89.99 Pints | 0/0 | 0 |
| 15924 | FUEL TANK STRAPS Bright Finish Stainless Steel | 0/0 | 0 |
| 15DYP | DEF TANK 9.5 U.S. Gal. 35.9L Capacity, Frame Mounted Outside Left Rail, Under Cab | 0/0 | 0 |
| 15LKW | FUEL/WATER SEPARATOR {Davco Fuel Pro 382} Fuel Heated, Includes Water-in-Fuel Sensor | 0/0 | 0 |
| 15LLP | LOCATION FUEL/WATER SEPARATOR Mounted Inside Left Rail, Back of Cab | 0/0 | 0 |
| 15SRE | FUEL TANK Top Draw, Non-Polished Aluminum, D-Style, 19" Tank Depth, 50 US Gal (189L), with Quick Connect Outlet, Mounted Left Side, Under Cab | 0/0 | 0 |
| 16030 | CAB Conventional | 0/0 | 0 |
| 16BAM | AIR CONDITIONER with Integral Heater & Defroster | 0/0 | 0 |
| 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 | 0/0 | 0 |
| 16HGH | GAUGE, OIL TEMP, AUTO TRANS for Allison Transmission | 1/0 | 1 |
| 16HHE | GAUGE, AIR CLEANER RESTRICTION {Filter-Minder} with Black Bezel Mounted in Instrument Panel | 2/0 | 2 |
| 16HKT | IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster | 0/0 | 0 |

| <u>Code</u> | <u>Description</u> | <u>F/R Wt</u> (lbs) | <u>Tot Wt</u> (lbs) |
|--------------------------|--|------------------------|------------------------|
| 16LJL | SEAT, DRIVER {National 2000} Air Suspension, High Back with Integral Headrest, Cloth, Isolated, 1 Chamber Lumbar, 2 Position Front Cushion Adjustment, -3 to +14 Degree Seat Back Adjustment | 1/0 | 1 |
| 16SEE | GRAB HANDLE Chrome; Towel Bar Type with Anti-Slip Rubber Inserts; for Cab Entry Mounted Left Side Only at "B" Pillar | 3/0 | 3 |
| 16SMR | SEAT, PASSENGER {National} Non Suspension, High Back with Integral Headrest, Cloth, with Fixed Back, with Under Seat Storage | 26/15 | 41 |
| 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 | 0/0 | 0 |
| 16VBT | CAB SOUND INSULATION Includes Dash Insulator and Engine Cover Insulator, Premium Floormat, and Sound Dampening Patches | 27/0 | 27 |
| 16VKB | CAB INTERIOR TRIM Classic, for Day Cab | 0/0 | 0 |
| 16VSL | WINDSHIELD Heated, Single Piece | 1/0 | 1 |
| 16WBY | ARM REST, RIGHT, DRIVER SEAT | 3/0 | 3 |
| 16WJU | WINDOW, POWER (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature | 5/0 | 5 |
| 16WSK | CAB REAR SUSPENSION Air Bag Type | 0/0 | 0 |
| 16WSL | MIRROR, CONVEX, HOOD MOUNTED (2) {Lang Mekra} for Left and Right Sides 7.44" Sq. | 11/0 | 11 |
| 16XJN | INSTRUMENT PANEL Flat Panel | 0/0 | 0 |
| 16XTM | ACCESS, CAB Aluminum; Driver & Passenger Sides, Two Steps Per Door, for use with Daycab or Sleeper Cabs | 39/14 | 53 |
| 27DUL | WHEELS, FRONT {Accuride 29300} DISC; 22.5x9.00 Rims, Powder Coat Steel, 5-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs | 82/0 | 82 |
| 28DUK | WHEELS, REAR {Accuride 29169} DUAL DISC; 22.5x8.25 Rims, Powder Coat Steel, 5-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with .472" Thick Increased Capacity Disc and Steel Hubs | 0/88 | 88 |
| 29PBA | PAINT IDENTITY, FRONT WHEELS Disc Wheels; with Vendor Applied Black Powder Coat Paint | 0/0 | 0 |
| 29PBB | PAINT IDENTITY, REAR WHEELS Disc Wheels; with Vendor Applied Black Powder Coat Paint | 0/0 | 0 |
| 29WLK | WHEEL BEARING, FRONT, LUBE {EmGard FE-75W-90} Synthetic Oil | 0/0 | 0 |
| 7382135423 | (8) TIRE, REAR 11R22.5 Load Range H HDR2 (CONTINENTAL), 491 rev/mile, 75 MPH, Drive | 0/120 | 120 |
| 7792545435 | (2) TIRE, FRONT 315/80R22.5 Load Range L CITY SERVICE HA3 (CONTINENTAL), 480 rev/mile, 68 MPH, All-Position | 82/0 | 82 |
| Services Section: | | | |
| 40127 | WARRANTY Standard for HV513, HV613 Models, Effective with Vehicles Built July 1, 2017 or Later, CTS-2030A | 0/0 | 0 |

INTERNATIONAL®

Vehicle Specifications
2019 HV613 (HV613)

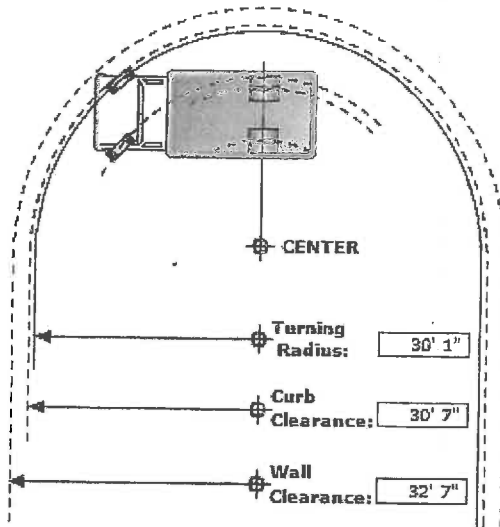
December 28, 2017

| <u>Code</u> | <u>Description</u> | <u>F/R Wt</u> (lbs) | <u>Tot Wt</u> (lbs) |
|-------------|--|------------------------|------------------------|
| 40SNN | SRV CONTRACT, EXT ENGINE {Navistar} To 60-Month/100,000 Miles (160,000 km), 3,600 Hours; Includes Engine, Engine Electronics, Turbocharger, Water Pump and Fuel Injectors, for International A26 Engines | 0/0 | 0 |
| | Total Component Weight: | 9642/7516 | 17158 |
| | Special Delivery Prep (Heavy) | 0/0 | 0 |
| | This is a NJPA sale. Navistar's NJPA# 081716-NVS. The City of West Allis is a Member of NJPA, their member# 42656 | 0/0 | 0 |
| | Price to move air tanks and air dryer | 0/0 | 0 |
| | Total Goods Purchased: | 0/0 | 0 |

The weight calculations included in this proposal are an estimate of future vehicle weight. The actual weight as manufactured may be different from the estimated weight. Navistar, Inc. shall not be liable for any consequences resulting from any differences between the estimated weight of a vehicle and the actual weight.

Turning Radius Summary
2019 HV613 (HV613)

December 28, 2017



Series: HV
Model: HV613
Description: HV613
Model Year: 2019

Calculation Factors

Wheelbase: 187
Front Axle: 0002ARY
Description: AXLE, FRONT NON-DRIVING, {Meritor MFS-20-133A} Wide Track, I-Beam Type, 20,000-lb Capacity
Front Wheel: 0027DUL
Description: WHEELS, FRONT, {Accuride 29300} DISC; 22.5x9.00 Rims, Powder Coat Steel, 5-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
Front Tire: 07792545435
Description: TIRES, 315/80R22.5 Load Range L CITY SERVICE HA3 (CONTINENTAL), 480 rev/mile, 68 MPH, All-Position
Steering Gear: 0005PTB
Description: STEERING GEAR, (2) {Sheppard M100/M80} Dual Power

Turning Radius Statistics

General Information

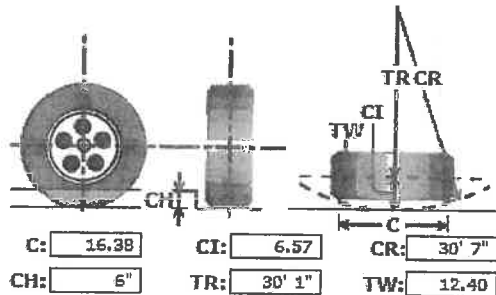
Inside Turn Angle: 40 Degrees
Radial Overhang: 30

Axle Information

KingPin Inclination: 6.25 Degrees
KingPin Center: 71

Turning Radius - Curb View

| | | |
|----|-----------------------------|--------|
| C | - Curb Contact Length: | 16.38 |
| CI | - Curb Clearance Increment: | 6.57 |
| CR | - Curb Clearance Radius: | 30' 7" |
| CH | - Curb Height: | 6" |
| TR | - Turning Radius: | 30' 1" |
| TW | - Tire Width: | 12.40 |



* All Measurements are in inches, unless otherwise specified.

This information is based on engineering information available at this time. Actual figures may vary. Navistar, Inc. cannot accept liability for consequences due to this variance.

INTERNATIONAL®

Financial Summary
2019 HV613 (HV613)

December 28, 2017

| <u>Description</u> | (US DOLLAR) | <u>Price</u> |
|--|-------------|--------------|
| Net Sales Price: | | |
| Memo Item(s): | | \$120,475.00 |
| Total Federal Excise Tax | \$0.00 | |
| Note: Memo item(s) shown here are included in the above Net Sales Price. | | |

Please feel free to contact me regarding these specifications should your interests or needs change. I am confident you will be pleased with the quality and service of an International vehicle.

Approved by Seller:

Accepted by Purchaser:

Official Title and Date

Firm or Business Name

Authorized Signature

Authorized Signature and Date

This proposal is not binding upon the seller without Seller's Authorized Signature

Official Title and Date

The TOPS FET calculation is an estimate for reference purposes only. The seller or retailer is responsible for calculating and reporting/paying appropriate FET to the IRS.