

Prepared For:
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Reference ID: N/A

Presented By:
LILLEY INTERNATIONAL
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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
2024 HV513 SFA (HV513)

AXLE CONFIG: 6X4
APPLICATION: Flat Dump
MISSION: Requested GVWR: 58000. Calc. GVWR: 60000. Calc. GCWR: 125000
 Calc. Start / Grade Ability: 23.99% / 2.63% @ 55 MPH
 Calc. Geared Speed: 94.7 MPH

DIMENSION: Wheelbase: 250.00, CA: 166.50, Axle to Frame: 96.00
ENGINE, DIESEL: {International A26} EPA 2021, 430HP @ 1700 RPM, 1550 lb-ft Torque @ 900 RPM, 2100 RPM Governed Speed, 430 Peak HP (Max)

TRANSMISSION, AUTOMATIC: {Allison 4500 RDS} 6th 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 MT-40-14X-4DFR} Single Reduction, 40,000-lb Capacity, .433"(11mm) Wall Housing Thickness, R Wheel Ends Gear Ratio: 3.55

CAB: Conventional, Day Cab
TIRE, FRONT: (2) 425/65R22.5 Load Range L HAC 3 (CONTINENTAL), 465 rev/mile, 68 MPH, All-Position
TIRE, REAR: (8) 11R22.5 Load Range G HDL2 (CONTINENTAL), 493 rev/mile, 75 MPH, Drive
SUSPENSION, REAR, AIR, TANDEM: {International} Ride Optimized Suspension (IROS) Heavy Duty, 40,000-lb Capacity, 52" Axle Spacing, 9.25" Ride Height, Includes Heavy Duty Spring Hangers, Crossmembers and Fasteners, with Shock Absorbers

FRAME REINFORCEMENT: Full Outer C-Channel, Heat Treated Alloy Steel (120,000 PSI Yield), 10.813" x 3.892" x 0.312" (274.6mm x 98.8mm x 7.9mm), 480.0" (12192mm) OAL

PAINT: Cab schematic 100WM
 Location 1: 9219, Winter White (Std)
 Chassis schematic N/A

<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
Base Chassis, Model HV513 SFA with 250.00 Wheelbase, 166.50 CA, and 96.00 Axle to Frame.	7361/4777	12138
AXLE CONFIGURATION {Navistar} 6x4	25/-67	-42
<u>Notes</u>		
: Pricing may change if axle configuration is changed.		
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	75/419	494
FRAME REINFORCEMENT Full Outer C-Channel, Heat Treated Alloy Steel (120,000 PSI Yield), 10.813" x 3.892" x 0.312" (274.6mm x 98.8mm x 7.9mm), 480.0" (12192mm) OAL	443/754	1197
BUMPER, FRONT Contoured, Steel, Painted, Heavy Duty	-4/0	-4
FRAME DIMPLE Dimple on Left and Right Top Flange of Frame Rail to Reference Rear Axle Centerline	0/0	0
FRAME EXTENSION, FRONT Integral; 27" In Front of Grille	103/-13	90
WHEELBASE RANGE 199" (505cm) Through and Including 264" (670cm)	340/-340	0
AXLE, FRONT NON-DRIVING {Meritor MFS-20-133A} Wide Track, I-Beam Type, 20,000-lb Capacity	186/0	186
SUSPENSION, FRONT, SPRING Multileaf, Shackle Type, 20,000-lb Capacity, Less Shock Absorbers	223/0	223
BRAKE SYSTEM, AIR Dual System for Straight Truck Applications	0/0	0
<u>Includes</u>		
: BRAKE LINES Color and Size Coded Nylon		
: DRAIN VALVE Twist-Type		
: GAUGE, AIR PRESSURE (2) Air 1 and Air 2 Gauges; Located in Instrument Cluster		
: PARKING BRAKE CONTROL Yellow Knob, Located on Instrument Panel		
: PARKING BRAKE VALVE For Truck		
: QUICK RELEASE VALVE On Rear Axle for Spring Brake Release: 1 for 4x2, 2 for 6x4		
: SPRING BRAKE MODULATOR VALVE R-7 for 4x2, SR-7 with relay valve for 6x4/8x6		
DRAIN VALVE {Berg} with Pull Chain, for Air Tank	0/0	0
AIR BRAKE ABS {Bendix AntiLock Brake System} 6-Channel (6 Sensor/6 Modulator) Electronic Stability Program, with Automatic Traction Control	-9/-4	-13
AIR DRYER {Bendix AD-9} with Heater	23/4	27
BRAKE, PARKING Manual Push-Pull Pneumatic Parking Brake	1/0	1
AIR COMPRESSOR {Bendix BA-921 Head Unload} 15.9 CFM	0/0	0
AIR DRYER LOCATION Mounted Inside Left Rail, Back of Cab	0/0	0
DUST SHIELDS, FRONT BRAKE Pad, with Air Disc Brakes	2/0	2
DUST SHIELDS, REAR BRAKE Pad, with Air Disc Brakes	0/4	4
AIR TANK LOCATION (2) : One Mounted Under Each Rail, Front of Rear Suspension, Parallel to Rail	-16/28	12
BRAKES, FRONT {Bendix Spicer ADB22X} Air Disc Type, Extended Service, Size 22.5", 23,000-lb Capacity	0/0	0
BRAKES, REAR {Bendix Spicer ADB22X} Air Disc Type, Extended Service, Size 22.5", 26,000-lb Capacity per Axle	0/0	0
BRAKE CHAMBERS, FRONT AXLE 20 Sqn, for Air Disc Brakes	1/0	1
BRAKE CHAMBERS, REAR AXLE 18/24 Sqn Spring Brake, Double Diaphragm, for Air Disc Brakes	0/0	0
PARK BRAKE CHAMBERS, ADDITIONAL (2) Spring Brake Type	0/30	30

<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
STEERING COLUMN Tilting	11/4	15
STEERING WHEEL 4-Spoke; 18" Dia., Black Leather Wrapped	0/0	0
STEERING GEAR (2) {Sheppard M100/M80} Dual Power	101/-5	96
DRIVELINE SYSTEM {Dana Spicer} SPL250 Main Driveline with SPL170 Interaxle Shaft, for 6x4	0/7	7
AFTERTREATMENT COVER Steel, Black	8/2	10
EXHAUST SYSTEM Horizontal Aftertreatment System, Frame Mounted Right Side Under Cab, for Single Short Horizontal Tail Pipe, Frame Mounted Right Side Back of Cab	0/0	0
ENGINE COMPRESSION BRAKE by Jacobs; for N13/A26 Engines, with Selector Switch and On/Off Switch	0/0	0
TAIL PIPE (1) Horizontal, Short	0/0	0
ELECTRICAL SYSTEM 12-Volt, Standard Equipment	0/0	0
<u>Includes</u>		
: DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab		
: HAZARD SWITCH Push On/Push Off, Located on Instrument Panel to Right of Steering Wheel		
: HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever		
: PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light		
: STARTER SWITCH Electric, Key Operated		
: STOP, TURN, TAIL & B/U LIGHTS Dual, Rear, Combination with Reflector		
: TURN SIGNAL SWITCH Self-Cancelling for Trucks, Manual Cancelling for Tractors, with Lane Change Feature		
: WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever		
: WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted		
: WIRING, CHASSIS Color Coded and Continuously Numbered		
ALTERNATOR {Leece-Neville AVI160P2013} Brush Type, 12 Volt, 160 Amp Capacity, Pad Mount	0/0	0
BODY BUILDER WIRING Back of Day Cab at Left Frame or Under Sleeper, 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	2/0	2
BATTERY SYSTEM {Fleetrite} Maintenance-Free, (3) 12-Volt 1980CCA Total, Top Threaded Stud	0/0	0
SPEAKERS (2) 6.5" Dual Cone Mounted in Doors	5/0	5
ANTENNA Shark Fin, Roof Mounted	1/0	1
RADIO AM/FM/WB/Clock/Bluetooth/USB Input/Auxiliary Input	3/0	3
BACK-UP ALARM Electric, 102 dBA	0/3	3
HORN, ELECTRIC Disc Style	0/0	0
POWER SOURCE, TERMINAL TYPE 2-Post	1/0	1
BATTERY BOX Steel, with Fiberglass Cover, 2-4 Battery Capacity, Mounted Left Side Perpendicular to Frame Rail, 35" Back of Cab	11/-2	9
CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Flush Mounted on Cab or Sunshade	0/0	0
STARTING MOTOR {Mitsubishi Electric Automotive America 105P} 12-Volt, with Soft-Start	0/0	0
CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses	0/0	0
TURN SIGNALS, FRONT Includes LED Side Turn Lights Mounted on Fender	0/0	0
HORN, AIR Single Trumpet, Black, with Lanyard Pull Cord	3/0	3

<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
HEADLIGHTS Halogen	0/0	0
FENDER EXTENSIONS Rubber	0/0	0
LOGOS EXTERIOR Model Badges	0/0	0
LOGOS EXTERIOR, ENGINE Badges	0/0	0
GRILLE Stationary, Chrome	0/0	0
FRONT END Tilting, Fiberglass, with Three Piece Construction, Includes Long Hood	0/0	0
PAINT SCHEMATIC, PT-1 Single Color, Design 100	0/0	0
<u>Includes</u>		
: PAINT SCHEMATIC ID LETTERS "WM"		
PAINT TYPE Base Coat/Clear Coat, 1-2 Tone	0/0	0
COMMUNICATIONS MODULE Telematics Device with Over the Air Programming; Includes Five Year Data Plan and International 360	0/0	0
SAFETY TRIANGLES	11/1	12
CLUTCH Omit Item (Clutch & Control)	0/0	0
ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection	0/0	0
ENGINE, DIESEL {International A26} EPA 2021, 430HP @ 1700 RPM, 1550 lb-ft Torque @ 900 RPM, 2100 RPM Governed Speed, 430 Peak HP (Max)	0/0	0
FAN DRIVE {Horton Drivemaster} Two-Speed Type, Direct Drive, with Residual Torque Device for Disengaged Fan Speed	0/0	0
<u>Includes</u>		
: FAN Nylon		
AIR CLEANER Single Element	0/0	0
EMISSION, CALENDAR YEAR {International A26} EPA, OBD and GHG Certified for Calendar Year 2023	0/0	0
FAN DRIVE SPECIAL EFFECTS Fan Cooling Ring with Fan Shroud Effects, Engine Mounted	0/0	0
CARB IDLE COMPLIANCE Low NOx Idle Engine, Complies with California Clean Air Regulations; Includes "Certified Clean Idle" Decal located on Driver Door	0/0	0
RADIATOR Aluminum, Welded, Cross Flow, Front to Back System, 1292 SqIn, with 1008 SqIn Charge Air Cooler	0/0	0
<u>Includes</u>		
: DEAERATION SYSTEM with Surge Tank		
: HOSE CLAMPS, RADIATOR HOSES Gates Shrink Band Type; Thermoplastic Coolant Hose Clamps		
: RADIATOR HOSES Premium, Rubber		
CARB EMISSION WARR COMPLIANCE Federal, Does Not Comply with CARB Emission Warranty	0/0	0
TRANSMISSION, AUTOMATIC {Allison 4500 RDS} 6th Generation Controls, Wide Ratio, 5-Speed with Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, On/Off Highway	270/129	399
OIL COOLER, TRANSMISSION {Modine} Water to Oil Type	25/0	25
TRANSMISSION SHIFT CONTROL Column Mounted Stalk Shifter, Not for Use with Allison 1000 & 2000 Series Transmission	1/0	1
TRANSMISSION OIL Synthetic; 63 thru 76 Pints	0/0	0

<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS) and Regional Haul Series (RHS), General Purpose Trucks, Construction, Package Number 223	0/0	0
NEUTRAL AT STOP Allison Transmission Shifts to Neutral When Service Brake is Depressed and Vehicle is at Stop; Remains in Neutral Until Service Brake is Released	0/0	0
SHIFT CONTROL PARAMETERS {Allison} 3000 or 4000 Series Transmissions, Performance Programming	0/0	0
PTO LOCATION Dual, Customer Intends to Install PTO at Left Side and/or Top of Transmission	0/0	0
SUSPENSION AIR CONTROL VALVE Pressure Release Control In Cab	5/3	8
AXLE, REAR, TANDEM {Meritor MT-40-14X-4DFR} Single Reduction, 40,000-lb Capacity, .433"(11mm) Wall Housing Thickness, R Wheel Ends . Gear Ratio: 3.55	0/1886	1886
SUSPENSION, REAR, AIR, TANDEM {International} Ride Optimized Suspension (IROS) Heavy Duty, 40,000-lb Capacity, 52" Axle Spacing, 9.25" Ride Height, Includes Heavy Duty Spring Hangers, Crossmembers and Fasteners, with Shock Absorbers	0/340	340
DEF TANK 9.5 US Gal (36L) Capacity, Frame Mounted Outside Left Rail, Under Cab	0/0	0
FUEL/WATER SEPARATOR {Racor} Fuel Pre-Filter and Filter Base, Includes Water-In-Fuel Sensor	0/0	0
LOCATION FUEL/WATER SEPARATOR Mounted Outside Left Rail, 66" Back of Cab	-4/4	0
FUEL TANK Top Draw, Non-Polished Aluminum, 26" Dia, 120 US Gal (454L), Mounted Left Side, Under Cab	46/37	83
CAB Conventional, Day Cab	0/0	0
AIR CONDITIONER with Integral Heater and Defroster	0/0	0
GAUGE CLUSTER Premium Level; English with English Electronic Speedometer	0/0	0
<u>Includes</u>		
: GAUGE CLUSTER DISPLAY: Base Level (3" Monochromatic Display), Premium Level (5" LCD Color Display); Odometer, Voltmeter, Diagnostic Messages, Gear Indicator, Trip Odometer, Total Engine Hours, Trip Hours, MPG, Distance to Empty/Refill for		
: GAUGE CLUSTER Speedometer, Tachometer, Engine Coolant Temp, Fuel Gauge, DEF Gauge, Oil Pressure Gauge, Primary and Secondary Air Pressure		
: WARNING SYSTEM Low Fuel, Low DEF, Low Oil Pressure, High Engine Coolant Temp, Low Battery Voltage (Visual and Audible), Low Air Pressure (Primary and Secondary)		
IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster	0/0	0
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	0/0	0
MIRROR, CONVEX, HOOD MOUNTED {Lang Mekra} (2) Right and Left Side, Bright, 7.5" Sq.	11/0	11
SEAT, PASSENGER {National} Non Suspension, High Back, Fixed Back, Integral Headrest, Vinyl	15/8	23
MIRRORS (2) Aero Pedestal, Power Adjust, Heated, Bright Heads, Black Arms, 6.5" x 14" Flat Glass, Includes 6.5" x 6" Convex Mirrors, for 102" Load Width	0/0	0
<u>Notes</u>		
: Mirror Dimensions are Rounded to the Nearest 0.5"		
CAB INTERIOR TRIM Classic, for Day Cab	0/0	0
<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		

<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
MONITOR, TIRE PRESSURE Omit	-9/-2	-11
WINDOW, POWER (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature	0/0	0
CAB REAR SUSPENSION Air Bag Type	0/0	0
INSTRUMENT PANEL Flat Panel	0/0	0
ACCESS, CAB Steel, Driver & Passenger Sides, Two Steps per Door, for use with Day Cab and Extended Cab	0/0	0
WHEELS, FRONT {Accuride 29374} DISC; 22.5x12.25 Rims, Extra Polish Aluminum, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs	0/0	0
WHEELS, REAR {Maxion 91541} DUAL DISC; 22.5x8.25 Rims, Painted Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs	0/-8	-8
PAINT IDENTITY, REAR WHEELS Disc Rear Wheels; with Vendor Applied White Powder Coat Paint	0/0	0
(8) TIRE, REAR 11R22.5 Load Range G HDL2 (CONTINENTAL), 493 rev/mile, 75 MPH, Drive	0/-8	-8
(2) TIRE, FRONT 425/65R22.5 Load Range L HAC 3 (CONTINENTAL), 465 rev/mile, 68 MPH, All-Position	112/0	112

Services Section:

WARRANTY Standard for HV513, HV613 Models, Effective with Vehicles Built July 1, 2017 or Later, CTS-2030A	0/0	0
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Total Component Weight:

9383/7991	17374
(lbs)	(lbs)
(lbs)	(lbs)

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.