

**Prepared For:**  
ALEXIS FIRE EQUIPMENT  
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Reference ID: Demo Quote #491



**Diamond SPEC™**

**Presented By:**  
MANEY INTERNATIONAL, INC  
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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**  
**2009 Diamond SPEC™ 7400 SBA 4X2 (SA625)**

<b>APPLICATION:</b>	Tank (Emergency)
<b>MISSION:</b>	Requested GVWR: 44000. Calc. GVWR: 44000 Calc. Start / Grade Ability: 22.20% / 2.55% @ 55 MPH Calc. Geared Speed: 75.8 MPH
<b>FUEL ECONOMY:</b>	8.78 MPG @ 55 MPH
<b>DIMENSION:</b>	Wheelbase: 191.00, CA: 123.90, Axle to Frame: 75.00
<b>ENGINE, DIESEL:</b>	{International MaxxForce 9} 330 HP, 950 lb-ft Torque @ 1200 RPM, 2200 RPM Governed Speed, # 2 Bell Housing
<b>TRANSMISSION, AUTOMATIC:</b>	{Allison 3000EVS_P} 4th Generation Controls; Close Ratio, 5-Speed; With Overdrive, Includes Oil Level Sensor, With Provision for PTO, Less Retarder, Max. GVW N/A
<b>CLUTCH:</b>	Omit Item (Clutch & Control)
<b>AXLE, FRONT NON-DRIVING:</b>	{Dana Spicer I-140W} Wide Track, I-Beam Type, 14,000-lb Capacity
<b>AXLE, REAR, SINGLE:</b>	{Dana Spicer S30-190} Single Reduction, 30,000-lb Capacity, With W Wheel Ends Gear Ratio: 4.78
<b>CAB:</b>	Conventional
<b>TIRE, FRONT:</b>	(2) 12R22.5 XZY-3 (MICHELIN) 483 rev/mile, load range H, 16 ply
<b>TIRE, REAR:</b>	(4) 315/80R22.5 XZU-S (MICHELIN) 486 rev/mile, load range L, 20 ply
<b>SUSPENSION, RR, SPRING, SINGLE:</b>	Vari-Rate; 31,000-lb Capacity, With 4500 lb Auxiliary Rubber Spring
<b>PAINT:</b>	Cab schematic 100GN Location 1: 2303, Red (Std) Chassis schematic N/A

<u>Code</u>	<u>Description</u>
SA62500	Base Chassis, Model 7400 SBA 4X2 with 191.00 Wheelbase, 123.90 CA, and 75.00 Axle to Frame.
1570	TOW HOOK, FRONT (2) Inside Rail, Frame Mounted.
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
1LMY	BUMPER, FRONT Full Width, Aerodynamic, Chrome Plated Steel; 0.189" Material Thickness
1WGS	WHEELBASE RANGE 189" (480cm) Through and Including 256" (650cm)
2AET	AXLE, FRONT NON-DRIVING {Dana Spicer I-140W} Wide Track, I-Beam Type, 14,000-lb Capacity
	<u>Includes</u> : PLEASE NOTE: Front Axle Derated to 13,200-lb. GAWR when used in Conjunction with Code 04JBG BRAKES, FRONT, AIR CAM
3ADD	SUSPENSION, FRONT, SPRING Parabolic, Taper Leaf; 14,000-lb Capacity; With Shock Absorbers
	<u>Includes</u> : SPRING PINS Rubber Bushings, Maintenance-Free
4091	BRAKE SYSTEM, AIR Dual System for Straight Truck Applications
	<u>Includes</u> : BRAKE CHAMBERS, SPRING (2) Rear Parking : BRAKE LINES Color and Size Coded Nylon : DRAIN VALVE Twist-Type : DUST SHIELDS, FRONT BRAKE : DUST SHIELDS, REAR BRAKE : GAUGE, AIR PRESSURE (2) Air 1 and Air 2 Gauges; Located in Instrument Cluster : PARKING BRAKE VALVE Controlled by Yellow Knob, Located on Instrument Panel : QUICK RELEASE VALVE On Rear Axle for Spring Brake Release: 1 for 4x2, 2 for 6x4 : SLACK ADJUSTERS, FRONT Automatic : SLACK ADJUSTERS, REAR Automatic : SPRING BRAKE MODULATOR VALVE
4732	DRAIN VALVE {Berg} Manual; With Pull Chain, for Air Tank
4773	BRAKE SHOES, REAR Cast
4AZA	AIR BRAKE ABS {Bendix AntiLock Brake System} Full Vehicle Wheel Control System (4-Channel)
4EBT	AIR DRYER {Bendix AD-IP} With Heater
4JBL	BRAKES, FRONT, AIR CAM S-Cam; 16.5" x 5.0"; Includes 20 Sq. In. MGM Long Stroke Brake Chambers
4NAN	BRAKES, REAR, AIR CAM S-Cam; 16.5" x 7.0"; Includes 36/36 Sq. In. MGM Spring Actuated Parking Brake Chambers
4SBC	AIR COMPRESSOR {Bendix Tu-Flo 550} 13.2 CFM Capacity
5708	STEERING COLUMN Tilting
5CAL	STEERING WHEEL 2-Spoke, 18" Diam., Black
5PSA	STEERING GEAR {Sheppard M-100} Power
7BDC	EXHAUST SYSTEM Single Horizontal, Aftertreatment Device, Frame Mounted Right Side, for Use With Long Tail Pipes
	<u>Includes</u> : PLEASE NOTE: The Horizontal Tailpipe Includes a Temperature Control Device
7SCJ	EXHAUST BRAKE, DLOGIC {Diamond Logic} for MaxxFace 9 / DT570, MaxxFace 10 / HT570 Engines; Electronically Activated

<u>Code</u>	<u>Description</u>
7WBZ	TAIL PIPE Horizontal, Exits Right Side Outside of Body, At Rear Wheels
8000	ELECTRICAL SYSTEM 12-Volt, Standard Equipment
	<u>Includes</u>
	: BATTERY BOX Steel with Fiberglass Cover; Mounted Right Side, Back of Cab
	: DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab
	: FUSES, ELECTRICAL SAE Blade-Type
	: HAZARD SWITCH Push On/Push Off, Located on Top of Steering Column Cover
	: HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever
	: HEADLIGHTS (2) Sealed Beam Halogen, 5" X 7" Rectangular, with Chrome Plated Bezels
	: HORN, ELECTRIC Single
	: JUMP START STUD Located on Positive Terminal of Outermost Battery
	: PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light
	: RUNNING LIGHT (2) Daytime, Included With Headlights
	: 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
	: TURN SIGNALS, FRONT Includes Reflectors and Auxiliary Side Turn Signals, Solid State Flashers; Flush Mounted
	: 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
8518	CIGAR LIGHTER Includes Ash Cup
8GDY	ALTERNATOR {Leece-Neville 4949PA} Brush Type; 12 Volt 270 Amp. Capacity, Pad Mounted
8HAA	BODY BUILDER WIRING To Rear of Frame, With Stop, Tail, Turn, and Marker Lights Circuits, Ignition Controlled Auxiliary Feed and Ground, Less Trailer Socket
8MEZ	BATTERY SYSTEM {International} Maintenance-Free, (2) 12-Volt 1850CCA Total
8RJV	RADIO {International} AM/FM Stereo With Weatherband, Clock, Auxiliary Input, Includes Multiple Dual Cone Speakers
	<u>Includes</u>
	: SPEAKERS IN CAB (2) Dual-Cone with Deluxe Interior
	: SPEAKERS IN CAB (4) Coaxial with Premium Interior
8THB	BACK-UP ALARM Electric, 102 dBA
8WCL	HORN, AIR Black, Single Trumpet, Air Solenoid Operated, Mounted Behind Bumper on Right Rail
8WCS	BATTERY DISCONNECT SWITCH {Joseph Pollak 51-315} Positive Type, Lever Operated, Mounted on Cab Floor
8WML	HEADLIGHTS Long Life Halogen; for Two Light System
8WWJ	INDICATOR, LOW COOLANT LEVEL With Audible Alarm
8WYE	STARTING MOTOR {Leece-Neville M130D} 12 Volt; Less Thermal Over-Crank Protection
8XAH	CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III With Trip Indicators, Replaces All Fuses Except For 5-Amp Fuses
9HAN	INSULATION, UNDER HOOD for Sound Abatement
9HBM	GRILLE Stationary, Chrome
9HBN	INSULATION, SPLASH PANELS for Sound Abatement
9WBB	GRILLE EMBER SCREEN Mounted to Grille to Keep Hot Embers out of Engine Air Intake System

<u>Code</u>	<u>Description</u>
9WBC	FRONT END Tilting, Fiberglass, With Three Piece Construction; for 2007 Emissions
10060	PAINT SCHEMATIC, PT-1 Single Color, Design 100  <u>Includes</u> : PAINT SCHEMATIC ID LETTERS "GN"
10761	PAINT TYPE Base Coat/Clear Coat, 1-2 Tone
11001	CLUTCH Omit Item (Clutch & Control)
12959	BLOCK HEATER, ENGINE {Phillips} 120 Volt/1250 Watt  <u>Includes</u> : BLOCK HEATER SOCKET Receptacle Type; Mounted below Drivers Door
12NSX	ENGINE, DIESEL {International MaxxFORCE 9} 330 HP, 950 lb-ft Torque @ 1200 RPM, 2200 RPM Governed Speed, # 2 Bell Housing  <u>Includes</u> : AIR COMPRESSOR AIR SUPPLY LINE Naturally-Aspirated : COLD STARTING EQUIPMENT Intake Manifold Electric Grid Heater with Engine ECM Control : CRUISE CONTROL Electronic; Controls Integral to Steering Wheel : ENGINE OIL DRAIN PLUG Magnetic : ENGINE SHUTDOWN Electric, Key Operated : FUEL FILTER Included with Fuel/Water Separator : FUEL/WATER SEPARATOR Fuel/Water Separator and Fuel Filter in a Single Assembly; With Water-in-Fuel Sensor; Engine Mounted : GOVERNOR Electronic : OIL FILTER, ENGINE Spin-On Type : WET TYPE CYLINDER SLEEVES
12THT	FAN DRIVE {Horton Drivemaster} Direct Drive Type, Two Speed With Residual Torque Device for Disengaged Fan Speed  <u>Includes</u> : FAN Nylon
12UWZ	RADIATOR Cross Flow, Series System; 1228 SqIn Aluminum Radiator Core With Internal Water to Oil Transmission Cooler and 1167 In Charge Air Cooler  <u>Includes</u> : ANTI-FREEZE Red Shell Rotella Extended Life Coolant -40F (-40C) : DEAERATION SYSTEM with Surge Tank : HOSE CLAMPS, RADIATOR HOSES Gates Shrink Band Type; Thermoplastic Coolant Hose Clamps : RADIATOR HOSES Premium, Rubber
12UXV	FEDERAL EMISSIONS for 2004; for International VT365, DT466 and DT570 Engines
12VBC	AIR CLEANER Single Element  <u>Includes</u> : GAUGE, AIR CLEANER RESTRICTION Air Cleaner Mounted
12VXT	THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel
12VYW	FEDERAL EMISSIONS 2007 for International MaxxFORCE 9 & 10 Engines (DT570 & HT570)
12VZA	ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; With Ignition Switch Control for International post 2007 Emissions Electronic Engines
12WYS	EXPANDED ENGINE TEMP EFFECTS to Allow Higher Engine Operating Temperature Range; Includes Nylon Surge Tank and 15 psi Pressure Cap

<u>Code</u>	<u>Description</u>
12WZE	EMISSION COMPLIANCE Federal, Does Not Comply With California Clean Air Regulations
13AJV	TRANSMISSION, AUTOMATIC {Allison 3000EVS_P} 4th Generation Controls; Close Ratio, 5-Speed; With Overdrive, Includes Oil Level Sensor, With Provision for PTO, Less Retarder, Max. GVW N/A
	<u>Includes</u>
	: OIL FILTER, TRANSMISSION Mounted on Transmission
	: TRANSMISSION OIL PAN Magnet in Oil Pan
13WBL	TRANSMISSION SHIFT CONTROL {Allison} Push-Button Type; for Allison 3000 & 4000 Series Transmission
13WDY	SHIFT CONTROL PARAMETERS WT-Allison S-1 Performance Programming in Primary and Allison S-4 Economy Programming in Secondary
13WUE	ALLISON SPARE INPUT/OUTPUT for Emergency Vehicle Series (EVS); Fire/Pumper, Tank, Aerial/Ladder
14AHH	AXLE, REAR, SINGLE {Dana Spicer S30-190} Single Reduction, 30,000-lb Capacity, With W Wheel Ends . Gear Ratio: 4.78
	<u>Includes</u>
	: REAR AXLE DRAIN PLUG (1) Magnetic, For Single Rear Axle
14VAJ	SUSPENSION, RR, SPRING, SINGLE Vari-Rate; 31,000-lb Capacity, With 4500 lb Auxiliary Rubber Spring
15SCD	FUEL TANK Top Draw; D Style, Steel, 50 U.S. Gal., 189 L Capacity, 16" Deep, With Quick Connect Outlet, Mounted Right Side, Under Cab
16030	CAB Conventional
	<u>Includes</u>
	: ARM REST (2) Molded Plastic; One Each Door
	: CLEARANCE/MARKER LIGHTS (5) Flush Mounted
	: COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window
	: CUP HOLDERS Two Cup Holders, Located in Lower Center of Instrument Panel
	: DOME LIGHT, CAB Rectangular, Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Console, Center Mounted
	: GLASS, ALL WINDOWS Tinted
	: GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side
	: GRAB HANDLE, CAB INTERIOR (2) "B" Pillar Mounted, One Each Side
	: INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior Color
	: STEP (4) Two Steps per Door
16HBA	GAUGE CLUSTER English With English Electronic Speedometer
	<u>Includes</u>
	: GAUGE CLUSTER (6) Engine Oil Pressure (Electronic), Water Temperature (Electronic), Fuel (Electronic), Tachometer (Electronic), Voltmeter, Washer Fluid Level
	: ODOMETER DISPLAY, Miles, Trip Miles, Engine Hours, Trip Hours, Fault Code Readout
	: WARNING SYSTEM Low Fuel, Low Oil Pressure, High Engine Coolant Temp, and Low Battery Voltage (Visual and Audible)
16HCK	SEATBELT WARNING PREWIRE Includes Seat Belt Switches and Seat Sensors for all Belted Positions in the Cab and a Harness Routed to the Center of the Dash for the Aftermarket Installation of the Data Recorder and Seatbelt Indicator Systems, for 1 to 3 Seat Belts
16HGH	GAUGE, OIL TEMP, ALLISON TRAN
16HKT	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster
16JJE	SEAT, DRIVER {National 2000} NFPA Compliant, Air Suspension, High Back With Integral Headrest, Vinyl, Isolator, 1 Chamber Lumbar, 2 Position Front Cushion Adjust, -3 to +14 Degree Back Angle Adjust
	<u>Includes</u>
	: SEAT BELT 3-Point, Lap and Shoulder Belt Type

<u>Code</u>	<u>Description</u>
16PJH	SEAT, PASSENGER {Gra-Mag} Non Suspension, High Back, Fixed Back, Integral Headrest, Vinyl  <u>Includes</u> : SEAT BELT 3-Point, Lap and Shoulder Belt Type
16SDC	GRAB HANDLE (2) Chrome Towel Bar Type With Anti-Slip Rubber Inserts; for Cab Entry, Mounted Left and Right, Each Side at "B" Pillar
16SDU	MIRRORS (2) {Lang Mekra} Styled; Rectangular, 7.09" x 15.75" & Integral Convex Both Sides, 102" Inside Spacing, Breakaway Type, Heated Heads Thermostatically Controlled, Power Both Sides, Clearance Lights LED, Bright Finish Heads & Brackets
16VBZ	SEAT BELT All Red; 1 to 3
16WJS	INSTRUMENT PANEL Center Section, Flat Panel
16WKB	AIR CONDITIONER {International Blend-Air} With Integral Heater & Defroster  <u>Includes</u> : FRESH AIR FILTER : HEATER HOSES Premium : REFRIGERANT Hydrofluorocarbon HFC-134A
16WKY	FRESH AIR FILTER for HVAC
16WRX	CAB INTERIOR TRIM Deluxe  <u>Includes</u> : "A" PILLAR COVER Molded Plastic : CAB INTERIOR TRIM PANELS Cloth Covered Molded Plastic, Full Height; All Exposed Interior Sheet Metal is Covered Except for the Following: with a Two-Man Passenger Seat or with a Full Bench Seat the Back Panel is Completely Void of Covering : CONSOLE, OVERHEAD Molded Plastic; With Dual Storage Pockets with Retainer Nets and CB Radio Pocket : DOOR TRIM PANELS Molded Plastic; Driver and Passenger Doors : FLOOR COVERING Rubber, Black : HEADLINER Soft Padded Cloth : INSTRUMENT PANEL TRIM Molded Plastic with Black Center Section : STORAGE POCKET, DOOR (1) Molded Plastic, Full-Length; Driver Door : SUN VISOR (2) Padded Vinyl with Driver Side Toll Ticket Strap, Integral to Console
16WSK	CAB REAR SUSPENSION Air Bag Type
27DMA	WHEELS, FRONT DISC; 22.5" Painted Steel, 2 Hand Hole, 10 Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 8.25 DC Rims; With Steel Hubs.  <u>Includes</u> : PAINT IDENTITY, FRONT WHEELS White : WHEEL SEALS, FRONT Oil Lubricated, Includes Wheel Bearings
28DMW	WHEELS, REAR DUAL DISC: 22.5" Painted Steel, 5 Hand Hole, 10 Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount 9.00 DC Rims with Steel Hubs  <u>Includes</u> : PAINT IDENTITY, REAR WHEELS White : WHEEL SEALS, REAR Oil Lubricated, Includes Wheel Bearings
7482153208	(2) TIRE, FRONT 12R22.5 XZY-3 (MICHELIN) 483 rev/mile, load range H, 16 ply
7682543209	(4) TIRE, REAR 315/80R22.5 XZU-S (MICHELIN) 486 rev/mile, load range L, 20 ply

**Services Section:**

Code  
40AAW

Description  
WRTY,LTD, BASIC VEHICLE DSPEC {Diamond SPEC} To 24-Month/Unlimited Mileage; Includes Diamond  
Emergency Breakdown Service; With 90-Day Towing