

**Prepared For:**  
MIDWEST FIRE 4300 M7 4X2 (Hydraulic Brakes)  
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**Presented By:**  
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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**  
**2010 4300M7 SBA 4X2 (MA065)**

<b>APPLICATION:</b>	Rescue
<b>MISSION:</b>	Requested GVWR: 27500. Calc. GVWR: 27500 Calc. Start / Grade Ability: 28.40% / 2.44% @ 55 MPH Calc. Geared Speed: 70.4 MPH
<b>FUEL ECONOMY:</b>	8.21 MPG @ 55 MPH
<b>DIMENSION:</b>	Wheelbase: 224.00, CA: 113.00, Axle to Frame: 81.00
<b>ENGINE, DIESEL:</b>	{International MaxxForce 7} EPA 07, 230 HP @ 2600 RPM, 620 lb-ft Torque @ 1400 RPM, 2800 RPM Governed Speed, 230 Peak HP (Max)
<b>TRANSMISSION, AUTOMATIC:</b>	{Allison 2500_EVS_P} 4th Generation Controls; Wide Ratio, 5-Speed, With Overdrive; With PTO Provision, Less Retarder, With 33,000-lb GVW & GCW Max.
<b>CLUTCH:</b>	Omit Item (Clutch & Control)
<b>AXLE, FRONT NON-DRIVING:</b>	{International I-100SG} I-Beam Type, 10,000-lb Capacity
<b>AXLE, REAR, SINGLE:</b>	{Dana Spicer 17060S} Single Reduction, 17,500-lb Capacity, With 190 Wheel Ends Gear Ratio: 6.50
<b>CAB:</b>	Conventional 6-Man Crew Cab
<b>TIRE, FRONT:</b>	(2) 11R22.5 G662 FUEL MAX (GOODYEAR) 497 rev/mile, load range G, 14 ply
<b>TIRE, REAR:</b>	(4) 11R22.5 G182 RSD (GOODYEAR) 496 rev/mile, load range G, 14 ply
<b>SUSPENSION, RR, SPRING, SINGLE:</b>	Vari-Rate; 20,000-lb Capacity, With 4500 lb Auxiliary Rubber Spring
<b>PAINT:</b>	Cab schematic 100GA Location 1: 2584, Red (Custom) Chassis schematic N/A

**Description**

Base Chassis, Model 4300M7 SBA 4X2 with 224.00 Wheelbase, 113.00 CA, and 81.00 Axle to Frame.

TOW HOOK, FRONT (2) Inside Rail, Frame Mounted.

FRAME RAILS High Strength Low Alloy Steel (80,000 PSI Yield); 10.250" x 3.092" x 0.375" (260.4mm x 78.5mm x 9.5mm); 427.0" (10846mm) Maximum OAL

BUMPER, FRONT Full Width, Aerodynamic, Chrome Plated Steel; 0.142" Material Thickness

WHEELBASE RANGE 185" (470cm) Through and Including 236" (600cm)

AXLE, FRONT NON-DRIVING {International I-100SG} I-Beam Type, 10,000-lb Capacity

SUSPENSION, FRONT, SPRING Parabolic, Taper Leaf; 10,000-lb Capacity; With Shock Absorbers

**Includes**

: SPRING PINS Rubber Bushings, Maintenance-Free

BRAKE SYSTEM, HYDRAULIC {Meritor WABCO} Split System, Full Power, With Automatic Adjustment And With Four Channel ABS

DRAIN VALVE, AUTOMATIC {Bendix DV-2} With Heater; for Air Tank

AIR DRYER {Bendix AD-IP} With Heater

BRAKE CHAMBERS, FRONT AXLE {Haldex} 20 SqIn

BRAKE CHAMBERS, REAR AXLE {Haldex GC3030LHDHO} 30/30 Spring Brake

BRAKE, PARKING {Bosch} DSSA Type, 12" x 3"; for Hydraulic Brake Chassis; Activated by Lever in Cab; Differential Mounted

**Includes**

: PARKING BRAKE CONTROL Lever, Floor Mounted, Located Right of Driver

BRAKES, FRONT, HYDRAULIC DISC Quadraulic; four 70mm Diameter Pistons

BRAKES, REAR, HYDRAULIC DISC Quadraulic; four 70mm Diameter Pistons

AIR COMPRESSOR {Bendix Tu-Flo 550} 13.2 CFM Capacity; and Tank for Air Source on Hydraulic Chassis

STEERING COLUMN Tilting

STEERING WHEEL 2-Spoke, 18" Diam., Black

STEERING GEAR {Sheppard M-100} Power

EXHAUST SYSTEM Single, Horizontal, Aftertreatment Device Frame Mounted Right Side Back of Cab; Includes Vertical Tail Pipe and Guard

**Includes**

: EXHAUST HEIGHT 10' Exhaust Height - Based on Empty Chassis with Standard Components (+ or - 1" Height)

: MUFFLER/TAIL PIPE GUARD Bright Finish

TAIL PIPE (1) Turnback Type, Bright, for Single Exhaust

**Description**

SWITCH, FOR EXHAUST 3 Position, Momentary, Lighted Momentary, ON/CANCEL, Center Stable, INHIBIT REGEN, Mounted in IP Inhibits Diesel Particulate Filter Regeneration When Switch is Moved to ON While Engine is Running, Resets When Ignition is Turned OFF

ELECTRICAL SYSTEM 12-Volt, Standard Equipment

**Includes**

- : BATTERY BOX Steel
- : 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
- : HORN, ELECTRIC Single
- : JUMP START STUD Located on Positive Terminal of Outermost Battery
- : 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
- : 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

CIGAR LIGHTER Includes Ash Cup

ALTERNATOR {Leece-Neville 4962PAH} Brush Type, 12 Volt 320 Amp. Capacity, Pad Mounted

BODY BUILDER WIRING Back of Standard 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

BATTERY SYSTEM {International} Maintenance-Free, (3) 12-Volt 1950CCA Total

RADIO {International} AM/FM Stereo With Weatherband, Clock, Auxiliary Input, Includes Multiple Dual Cone Speakers

**Includes**

- : SPEAKERS IN CAB (2) Dual-Cone with Deluxe Interior
- : SPEAKERS IN CAB (4) Coaxial with Premium Interior

BACK-UP ALARM Electric, 102 dBA

SWITCH, AIR HORN, PASSENGER Fire Truck Application; Switch Located in Instrument Panel Close to Passenger, Driver Also To Activate Switch at Steering Wheel

SOLENOID, AIR for Customer Use; Provides (2) Normally Closed Pilot Air Source, Approx. 4 CFM, Includes Switch in Cab; Air Available Only With Key in "Ignition" or "Accessory" Position; Air Will Exhaust with Key in "Off" Position

HORN, AIR ACCOMMODATION PACKAGE; less Horn.

**Description**

BATTERY DISCONNECT SWITCH {Joseph Pollak} for Cab Power Disconnect Switch; Lever Operated, Disconnects Power to PDC, Does Not Disconnect Charging Circuits, Cab Mounted

HEADLIGHTS Halogen; Composite Aero Design for Two Light System; Includes Daytime Running Lights

CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Flush Mounted on Cab or Sunshade

HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on

STARTING MOTOR {Delco Remy 29MT} 12 Volt; Less Thermal Over-Crank Protection, With Integrated Magnetic Switch

INDICATOR, BATTERY WARNING Green Indicator Mounted on Left Side of Instrument Panel

CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III With Trip Indicators, Replaces All Fuses Except For 5-Amp Fuses

GRILLE Stationary, Chrome

FRONT END Tilting, Fiberglass, With Three Piece Construction

GRILLE EMBER SCREEN Mounted to Grille to Keep Hot Embers out of Engine Air Intake System

PAINT SCHEMATIC, PT-1 Single Color, Design 100

**Includes**

: PAINT SCHEMATIC ID LETTERS "GA"

PAINT TYPE Base Coat/Clear Coat, 1-2 Tone

PAINT CLASS Single Custom Color

CLUTCH Omit Item (Clutch & Control)

ENGINE, DIESEL {International MaxxForce 7} EPA 07, 230 HP @ 2600 RPM, 620 lb-ft Torque @ 1400 RPM, 2800 RPM Governed Speed, 230 Peak HP (Max)

**Includes**

: AIR COMPRESSOR AIR SUPPLY LINE Naturally-Aspirated

: CRUISE CONTROL Electronic; Controls Integral to Steering Wheel

: ENGINE OIL DRAIN PLUG Magnetic

: ENGINE SHUTDOWN Electric, Key Operated

: FUEL FILTER Engine Mounted

: FUEL HEATER Included with Fuel/Water Separator

: FUEL/WATER SEPARATOR Engine Mounted

: GLOW PLUG Automatic with Indicator Light

: GOVERNOR Electronic

: OIL FILTER, ENGINE Drop-In Cartridge Type

FAN DRIVE {Borg-Warner Series 790} Viscous Type, Screw On

**Includes**

: FAN Nylon

FEDERAL EMISSIONS for 2004; for International VT365, DT466 and DT570 Engines

**Description**

RADIATOR Aluminum; 2-Row, Cross Flow, Over Under System, 717 SqIn Louvered, With 313 SqIn Charge Air Cooler. With In-Tank Transmission Cooler

Includes

- : 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

AIR CLEANER Single Element

Includes

- : GAUGE, AIR CLEANER RESTRICTION Air Cleaner Mounted

THROTTLE, HAND CONTROL Engine Speed Control for PTO; Electronic, Stationary Pre-Set, Two Speed Settings; Mounted on Steering Wheel

FEDERAL EMISSIONS 2007 for International MaxxForce 7 Engines (V8)

ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; With Ignition Switch Control for MaxxForce post 2007 Emissions Electronic Engines

EMISSION COMPLIANCE Engine Shutdown System Exempt Vehicles, Complies With California Clean Air Regulations

TRANSMISSION, AUTOMATIC {Allison 2500\_EVS\_P} 4th Generation Controls; Wide Ratio, 5-Speed, With Overdrive; With PTO Provision, Less Retarder, With 33,000-lb GVW & GCW Max.

Includes

- : OIL FILTER, TRANSMISSION Mounted on Transmission
- : TRANSMISSION OIL PAN Magnet in Oil Pan

WIRING, TRANS, BODY BUILDER Installed Wiring for Transmission/PTO Controls, for Allison 2000, 2100, 2200, 2400, 2500 Series Transmission

AXLE, REAR, SINGLE {Dana Spicer 17060S} Single Reduction, 17,500-lb Capacity, With 190 Wheel Ends . Gear Ratio: 6.50

Includes

- : REAR AXLE DRAIN PLUG (1) Magnetic, For Single Rear Axle

SUSPENSION, RR, SPRING, SINGLE Vari-Rate; 20,000-lb Capacity, With 4500 lb Auxiliary Rubber Spring

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

CAB Conventional 6-Man Crew Cab

Includes

- : 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

**Description**

: GLASS, ALL WINDOWS Tinted  
: GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side  
: GRAB HANDLE, CAB INTERIOR (2) Front of "B" Pillar Mounted, One Each Side  
: GRAB HANDLE, CAB INTERIOR (4) Two Each Side, Rear Door Mounted at Hinge Side and "C" Pillar Mounted  
: INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior Color  
: STEP (8) Two Steps Per Door

GAUGE CLUSTER English With English Electronic Speedometer

**Includes**

: GAUGE CLUSTER (5) Engine Oil Pressure (Electronic), Water Temperature (Electronic), Fuel (Electronic), Tachometer (Electronic), Voltmeter  
: 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)

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 4 to 6 Seat Belts

IP CLUSTER DISPLAY Omit Display of Fault Codes in Instrument Cluster and Disable Blink Codes, Requires Service Tool to Retrieve and View Fault Code

SEAT, DRIVER {Seats, Inc. Universal Series} 911, NFPA Compliant, Air Suspension, High Back Vinyl with Covered Back and International Logo on Head Rest

**Includes**

: SEAT BELT 3-Point, Lap and Shoulder Belt Type

SEAT, REAR {Seats, Inc. Universal Series} 911, NFPA Compliant, Three Individual Seats on one Riser, Non-Suspension, High Back for SCBA, Vinyl With Covered Back, International Logo on Headrest

**Includes**

: SEAT BELT (3) Two 3-Point Shoulder Belts for Driver and Outer Passenger and One 2-Point Lap Belt for Center Passenger

SEAT, PASSENGER {Seats, Inc. Universal Series} 911, NFPA Compliant, Non-Suspension, High Back for SCBA, Vinyl Covered Back, Adjusters, 5 Degree Back angle, International Logo on Headrest

**Includes**

: SEAT BELT 3-Point, Lap and Shoulder Belt Type

GRAB HANDLE (2) Chrome Towel Bar Type With Anti-Slip Rubber Inserts; for Cab Entry, Mounted Left and Right, Each Side at "B" Pillar

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

SEAT BELT All Red; 4 to 6

INSTRUMENT PANEL Center Section, Flat Panel

AIR CONDITIONER {International Blend-Air} With Integral Heater & Defroster

**Description****Includes**

: HEATER HOSES Premium  
: REFRIGERANT Hydrofluorocarbon HFC-134A

FRESH AIR FILTER for HVAC

STORAGE POCKET, DOOR Molded Plastic, Full Width; Mounted on Passenger Door

CAB INTERIOR TRIM Deluxe; for Crew Cab

**Includes**

: "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

CAB REAR SUSPENSION Air Bag Type

WHEELS, FRONT DISC; 22.5" Polished Aluminum, 10-Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 7.50 DC Rims; With Steel Hubs

**Includes**

: WHEEL SEALS, FRONT Grease Lubricated, Includes Wheel Bearings

WHEELS, REAR DUAL DISC; 22.5" Polished Aluminum, 10-Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 7.50 DC Rims; With Steel Hubs

**Includes**

: WHEEL SEALS, REAR Oil Lubricated, Includes Wheel Bearings

BDY INTG, REMOTE POWER MODULE (2) Mounted Under Cab or On Battery Box; Up to 6 Outputs & 6 Inputs each, Max. 20 amp. per Channel, Max. 80 amp. Total per Power Module (Includes Switch Packs With Latched Switches)

BDY INTG, I/O EXPANSION HARNES {for Diamond Logic Builder} In-Cab wire harness (DLB) program only, Includes a harness with five blunt cut wires routed on lower left of instrument panel. Two ground active inputs and two (.5Amp) relay drivers outputs are provided

(4) TIRE, REAR 11R22.5 G182 RSD (GOODYEAR) 496 rev/mile, load range G, 14 ply

(2) TIRE, FRONT 11R22.5 G662 FUEL MAX (GOODYEAR) 497 rev/mile, load range G, 14 ply

Cab schematic 100GA

Location 1: 2584, Red (Custom)

Chassis schematic N/A

**Description**

One Parade Panel

2 Loose External grab handles to for rear doors of crew cab.