



## NORTH CAROLINA SHERIFFS' ASSOCIATION

<b>Name of Dealership</b>	<b>Type of Vehicle</b>	<b>Zone</b>	<b>Base Unit Price</b>
<a href="#"><u>INTERNATIONAL 7400 SBA 6X4 - 25-27 CU. YD. REAR LOADER (Specification #22)</u></a>			
White/Herring Tractor and Truck, LLC	2017 International 7400 SBA 6x4 - 25-27 Cu. Yd. Rear Loader	★Appalachia	\$82,990.00
White/Herring Tractor and Truck, LLC	2017 International 7400 SBA 6x4 - 25-27 Cu. Yd. Rear Loader	★Dogwood	\$82,990.00
White/Herring Tractor and Truck, LLC	2017 International 7400 SBA 6x4 - 25-27 Cu. Yd. Rear Loader	★Cardinal	\$82,990.00
White/Herring Tractor and Truck, LLC	2017 International 7400 SBA 6x4 - 25-27 Cu. Yd. Rear Loader	★Longleaf Pine	\$82,990.00



## **NORTH CAROLINA SHERIFFS' ASSOCIATION**

### **INTERNATIONAL 7400 SBA 6X4 - 25-27 CU. YD. REAR LOADER** **SPECIFICATION #22**

2017 International 7400 SBA 6x4 - 25-27 Cu. Yd. Rear Loader

**ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED**

**INSTRUCTIONS:** Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

#### 1. MISSION

- a. Requested GVWR: 56,000. Calc. GVWR: 56,000
- b. Calc. Start / Grade Ability: 21.06% / 1.47% @ 55 MPH
- c. Calc. Geared Speed: 72.4 MPH

#### 2. DIMENSION

- a. Wheelbase: 236.00, CA: 168.90, Axle to Frame: 91.00

#### 3. FRAME

- a. TOW HOOK, FRONT (2) Frame Mounted
- b. 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
- c. BUMPER, FRONT Steel, Swept Back
- d. WHEELBASE RANGE 221" (560cm) Through and Including 262" (665cm)

#### 4. FRONT AXLE

- a. AXLE, FRONT NON-DRIVING {Meritor MFS-16-143A} Wide Track, I-Beam Type, 16,000-lb Capacity

#### 5. FRONT SUSPENSION

- a. SUSPENSION, FRONT, SPRING Parabolic, Taper Leaf; 16,000-lb Capacity; With Shock Absorbers

#### 6. BRAKE SYSTEM

- a. BRAKE SYSTEM, AIR Dual System for Straight Truck Applications
- b. BRAKES, FRONT, AIR CAM 16.5" x 6", Includes 24 SqIn Long Stroke Brake Chambers
- c. DRAIN VALVE {Berg} Manual; With Pull Chain, for Air Tank
- d. AIR BRAKE ABS {Bendix AntiLock Brake System} Full Vehicle Wheel Control System (4-Channel)
- e. AIR DRYER {Meritor Wabco System Saver 1200} with Heater
- f. BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 Spring Brake
- g. BRAKE CHAMBERS, FRONT AXLE {Bendix} 24 SqIn
- h. 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
- i. AIR COMPRESSOR {Cummins} 18.7 CFM Capacity
- j. Front and rear dust shields

#### 7. STEERING

- a. STEERING COLUMN Stationary
- b. STEERING WHEEL 2-Spoke, 18" Dia., Black
- c. STEERING GEAR {Sheppard M110} Power

## 8. EXHAUST

- a. EXHAUST SYSTEM Switchback Horizontal Aftertreatment Device, Frame Mounted Right Side Under Cab; Includes Single Vertical Tail Pipe, Frame Mounted Right Side Back of Cab
- b. TAIL PIPE (1) Turnback Type, Non-Bright, for Single Exhaust

## 9. ELECTRICAL

- a. ELECTRICAL SYSTEM 12-Volt, Standard Equipment
- b. CIGAR LIGHTER Includes Ash Cup
- c. ALTERNATOR {Leece-Neville AVI160P2013} Brush Type; 12 Volt 160 Amp. Capacity, Pad Mount, With Remote Sense
- d. 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
- e. BATTERY SYSTEM {International} Maintenance-Free, (3) 12-Volt 1950CCA Total
- f. RADIO {Panasonic CQ120} AM/FM, Includes Multiple Speakers, Includes Auxiliary Input
- g. HORN, ELECTRIC Disc Style
- h. BATTERY BOX Steel With Plastic Cover, 18" Wide, 2, 3, or 4 Battery Capacity, Mounted Right Side Back of Cab
- i. HORN, AIR Black, Single Trumpet, Air Solenoid Operated
- j. CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Flush Mounted on Cab or Sunshade
- k. STARTING MOTOR {Delco Remy 38MT Type 300} 12 Volt; less Thermal Over-Crank Protection
- l. INDICATOR, LOW COOLANT LEVEL With Audible Alarm
- m. CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III With Trip Indicators, Replaces All Fuses Except For 5-Amp Fuses
- n. TURN SIGNALS, FRONT LED, Includes LED Side Marker Lights, Mounted on Fender

## 10. FRONT END/HOOD

- a. FENDER EXTENSIONS Rubber
- b. INSULATION, UNDER HOOD for Sound Abatement
- c. GRILLE Stationary, Chrome
- d. INSULATION, SPLASH PANELS for Sound Abatement
- e. FRONT END Tilting, Fiberglass, With Three Piece Construction; for 2007 & 2010 Emissions

## 11. PAINT

- a. PAINT SCHEMATIC, PT-1 Single Color, Design 100
- b. PAINT TYPE Base Coat/Clear Coat, 1-2 Tone

## 12. CLUTCH

- a. CLUTCH Omit Item (Clutch & Control)

## 13. ENGINE

- a. ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection
- b. BLOCK HEATER, ENGINE 120V/1000W, for Cummins ISB/ISL Engines
- c. PTO EFFECTS, ENGINE FRONT Less PTO Unit, Includes Adapter Plate on Engine Front Mounted
- d. ENGINE, DIESEL {Cummins ISL9 270} EPA 2010, 270 HP @ 2000 RPM, 800 lb-ft Torque @ 1300 RPM, 2200 RPM Governed Speed, 270 Peak HP (Max)
- e. FAN DRIVE {Horton Drivemaster} Direct Drive Type, Two Speed With Residual Torque Device for Disengaged Fan Speed
- f. FEDERAL EMISSIONS {Cummins ISL9} EPA, OBD and GHG Certified for Calendar Year 2016
- g. RADIATOR Cross Flow, Series System; 1228 SqIn Aluminum Radiator Core With Internal Water to Oil Transmission Cooler and 1167 In Charge Air Cooler
- h. AIR CLEANER Single Element
- i. THROTTLE, HAND CONTROL Engine Speed Control for PTO; Electronic, Stationary Pre-Set, Two Speed Settings; Mounted on Steering Wheel
- j. EMISSION COMPLIANCE Low NOx Idle Engine, Complies with California Clean Air Regulations; Includes "Certified Clean Idle" Decal on Hood
- k. ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; With Ignition Switch Control for Cummins ISB or ISL Engines

## 14. TRANSMISSION

- a. AUTOMATIC NEUTRAL Allison WT, 3000 & 4000 Series Transmission Shifts to Neutral When Parking Brake is Engaged
- b. TRANSMISSION, AUTOMATIC {Allison 3500\_RDS\_P} 5th Generation Controls; Wide Ratio, 5Speed, With Overdrive; Refuse/Mixer; Includes Oil Level Sensor, With PTO Provision, Less Retarder, With 60,000-lb GVW Max
- c. TRANSMISSION SHIFT CONTROL {Allison} Push-Button Type; for Allison 3000 & 4000 Series Transmission
- d. TRANSMISSION OIL Synthetic; 29 thru 42 Pints
- e. ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS); Front Loaders, Rear Loaders, Recycling/Packer Trucks
- f. SHIFT CONTROL PARAMETERS Allison 3000 or 4000 Series Transmissions, 5th Generation Controls, with EcoCal and Dynamic Shift Sensing (FuelSense Basic)
- g. PTO, LOCATION , Dual, Left and Right Side of Transmission

#### 15. REAR AXLE/SUSPENSION

- a. AXLE, REAR, TANDEM {Meritor MT-40-14X-4DFR} Single Reduction, 0.433"(11mm) Wall Housing Thickness, 40,000-lb Capacity, R Wheel Ends . Gear Ratio: 4.88
- b. SUSPENSION, REAR, TANDEM {Hendrickson RT-403} Walking Beam Type 52" Axle Spacing; 40,000-lb Capacity With Rubber Center Bushings
- c. SUSPENSION/REAR-AXLE IDENTITY for Meritor Tandem Rear Axles With Bar-Pin Beam Attachment Type Suspensions
- d. TRANSVERSE TORQUE RODS with Hendrickson Suspensions

#### 16. FUEL TANKS/FILTERS

- a. LOCATION FUEL/WATER SEPARATOR Mounted Outside Left Rail 15" Back of Cab
- b. FUEL/WATER SEPARATOR {Racor 400 Series,} Unheated, with Primer Pump, and WIF Sensor
- c. FUEL TANK Top Draw; D-Style, Non-Polished Aluminum, 19" Deep, 50 U.S. Gal., 189 L Capacity, with Quick Connect Outlet, Mounted Left Side, Under Cab
- d. DEF TANK 7 U.S. Gal. 26.5L Capacity, Frame Mounted Outside Left Rail, Under Cab

#### 17. CAB & EQUIPMENT

- a. CAB Conventional
- b. GAUGE CLUSTER English With English Electronic Speedometer
- c. GAUGE, OIL TEMP, AUTO TRANS , for Allison Transmission
- d. IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster
- e. GAUGE, DEF FLUID LEVEL
- f. 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
- g. SEAT, TWO-MAN PASSENGER {National} Fixed Back, Integrated Headrest in Both Occupant Positions, Vinyl, Less Under Seat Storage Compartment
- h. MIRRORS (2) {Lang Mekra} Rectangular, Black Heads, Brackets and Arms, Breakaway Type, 7.55" x 14.1" Integral Convex Both Sides, 102" Inside Spacing
- i. AIR CONDITIONER {Blend-Air} With Integral Heater & Defroster
- j. INSTRUMENT PANEL Center Section, Flat Panel
- k. HVAC FRESH AIR FILTER
- l. STORAGE POCKET, DOOR Molded Plastic, Full Width; Mounted on Passenger Door
- m. CAB INTERIOR TRIM Deluxe
- n. CAB REAR SUSPENSION Air Bag Type

#### 18. WHEELS

- a. FRONT DISC; 22.5x9.0 Rims, Painted Steel, 5-Hand Hole 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, and Steel Hubs
- b. REAR DUAL DISC; 22.5x8.25 Rims, Painted Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with .472" Thick Increased Capacity Disc and With Steel Hubs

#### 19. TIRES

- a. (8) TIRE, REAR 11R22.5 HSR2 (CONTINENTAL) 498 rev/mile, load range G, 14 ply
- b. (2) TIRE, FRONT 315/80R22.5 HSC1 (CONTINENTAL) 483 rev/mile, load range H, 20 ply

#### 20. WARRANTY

- a. WARRANTY Standard for WorkStar 7300/7400 (4x2, 4x4, 6x4, 6x6), Effective with Vehicles Built January 2, 2015 or Later, CTS-2002U

21. OPTIONAL EQUIPMENT INCLUDED

- a. SAFETY EQUIPMENT & NC INSPECTION



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### **INTERNATIONAL 7400 SBA 6X4 - 25-27 CU. YD. REAR LOADER SPECIFICATION #22**

#### **2017 International 7400 SBA 6x4 - 25-27 Cu. Yd. Rear Loader**

The International 7400 SBA 6x4 - 25-27 Cu. Yd. Rear Loader purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$82,990.00	\$82,990.00	\$82,990.00	\$82,990.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

<b>VEHICLE:</b>	7400 SBA 6x4 - 25-27 Cu. Yd. Rear Loader			
<b>DEALER:</b>	White/Herring Tractor and Truck, LLC	White/Herring Tractor and Truck, LLC	White/Herring Tractor and Truck, LLC	White/Herring Tractor and Truck, LLC
<b>ZONE:</b>	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
<b>BASE PRICE:</b>	\$82,990.00	\$82,990.00	\$82,990.00	\$82,990.00

Order Code	Add Options	All Zones
	{Cummins ISL9 300} 300 HP @ 2000 RPM, 860 lb-ft Torque @ 1300 RPM	\$758.00
	{Cummins ISL9 330} 330 HP @ 2000 RPM, 1000 lb-ft Torque @ 1400 RPM (Note: Requires Allison 3000_RDS Transmission Due To High Torque)	\$2,165.00
	70 U.S. Gal., Mounted Left Side, Under Cab	\$98.00
	{Allison 3500_RDS_P} Wide Ratio, 6-Speed, With Double Overdrive	NC
	{Allison 3000_RDS_P} Close Ratio, 5-Speed, With Overdrive	\$157.00
	{Allison 3000_RDS_P} Close Ratio, 6-Speed, With Double Overdrive	\$157.00
	{Meritor MFS-16-143A} Wide Track, I-Beam Type, 16,000-lb Capacity	NA
	{Meritor RT-46-160} Single Reduction 46,000-lb Capacity, 200 Wheel Ends	\$4,660.00
	{Meritor RT-46-164EH} Single Reduction, 46,000-lb Cap., Diff-Locks in Both Rear Axles	\$6,229.00
	{Hendrickson RT-463} 54" Spacing, 46,000-lb Cap. w/Transverse Torque Rods	\$498.00
	Switchback Horizontal Exhaust, Right Side Under Cab; Includes Single Vertical Tail Pipe	Std
	Options available upon request	
	Tilting	\$125.00
	PTO Crankcase Adaptor for Front End PTO	\$353.00
	Bolt On 20" Front Frame Extension for Front PTO	\$222.00
	Integral; 20" In Front of Grille	\$590.00