



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>INTERNATIONAL 4400 SBA 4X2 - KNUCK BM HI TOR (Specification #19)</u>			
White/Herring Tractor and Truck, LLC	2017 International 4400 SBA 4x2 - Knuck BM HI TOR	★Appalachia	\$72,592.00
White/Herring Tractor and Truck, LLC	2017 International 4400 SBA 4x2 - Knuck BM HI TOR	★Dogwood	\$72,592.00
White/Herring Tractor and Truck, LLC	2017 International 4400 SBA 4x2 - Knuck BM HI TOR	★Cardinal	\$72,592.00
White/Herring Tractor and Truck, LLC	2017 International 4400 SBA 4x2 - Knuck BM HI TOR	★Longleaf Pine	\$72,592.00



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INTERNATIONAL 4400 SBA 4X2 - KNUCK BM HI TOR

SPECIFICATION #19

2017 International 4400 SBA 4x2 - Knuck BM HI TOR

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: 33000. Calc. GVWR: 33000 Calc. Start / Grade Ability: 37.03% / 2.20% @ 55 MPH Calc. Geared Speed: 69.9 MPH
- b. Calc. Start / Grade Ability: 37.03% / 2.20% @ 55 MPH Calc. Geared Speed: 69.9 MPH
- c. Calc. Geared Speed: 69.9 MPH

2. DIMENSION

- a. Wheelbase: 254.00, CA: 186.90, Axle to Frame: 96.00

3. FRAME

- a. TOW HOOK, FRONT (2) Frame Mounted
- b. FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.250" x 3.610" x 0.375" (260.4mm x 91.7mm x 9.5mm); 456.0" (11582mm) Maximum OAL
- c. BUMPER, FRONT Full Width, Aerodynamic, Steel; 0.142" Material Thickness
- d. CROSSMEMBER, REAR, AF (1)
- e. WHEELBASE RANGE 199" (505cm) Through and Including 254" (645cm)

4. FRONT AXLE

- a. AXLE, FRONT NON-DRIVING {Meritor MFS-12-143A} Wide Track, I-Beam Type, 12,000-lb Capacity

5. FRONT SUSPENSION

- a. SUSPENSION, FRONT, SPRING Parabolic, Taper Leaf; 12,000-lb Capacity; With Shock Absorbers

6. BRAKE SYSTEM

- a. BRAKE SYSTEM, AIR Dual System for Straight Truck Applications
- b. AIR BRAKE ABS {Bendix AntiLock Brake System} Full Vehicle Wheel Control System (4-Channel)
- c. AIR DRYER {Meritor Wabco System Saver 1200} with Heater
- d. BRAKE CHAMBERS, FRONT AXLE {Bendix} 20 SqIn
- e. BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 Spring Brake
- f. BRAKES, FRONT, AIR CAM S-Cam; 15.0" x 4.0"; Includes 20 Sq. In. Long Stroke Brake Chambers
- g. 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
- h. AIR COMPRESSOR {Cummins} 18.7 CFM Capacity
- i. AIR TANK LOCATION (2) : One Mounted Under Each Frame Rail, Front of Rear Suspension, Parallel to Rail

7. STEERING

- a. STEERING COLUMN Stationary
- b. STEERING WHEEL 2-Spoke, 18" Dia., Black

c. STEERING GEAR {Sheppard HD94} Power

8. EXHAUST

a. EXHAUST SYSTEM Switchback Horizontal Aftertreatment Device, Frame Mounted Right Side Under Cab; Includes Single Short Horizontal Tail Pipe, Frame Mounted Right Side Back of Cab

9. ELECTRICAL

a. ELECTRICAL SYSTEM 12-Volt, Standard Equipment

b. POWER SOURCE Cigar Type Receptacle without Plug and Cord

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. HORN, AIR Black, Single Trumpet, Air Solenoid Operated

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

j. STARTING MOTOR {Delco Remy 38MT Type 300} 12 Volt; less Thermal Over-Crank Protection

k. INDICATOR, LOW COOLANT LEVEL With Audible Alarm

l. BATTERY BOX Steel, With Aluminum Cover, 14" Wide, 3 Battery Capacity, Mounted Left Side Under Cab

m. BATTERY DISCONNECT SWITCH 300 Amp; Cab Mounted, Disconnects Charging Circuits; Locks with Padlock

10. FRONT END/HOOD

a. GRILLE Chrome

b. FRONT END Tilting, Fiberglass, With Three Piece Construction

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. ENGINE, DIESEL {Cummins ISL9 260} EPA 2010, 260 HP @ 2200 RPM, 720 lb-ft Torque @ 1300 RPM, 2200 RPM Governed Speed, 260 Peak HP (Max)

d. FAN DRIVE {Horton Drivemaster} Direct Drive Type, Two Speed With Residual Torque Device for Disengaged Fan Speed

e. RADIATOR Aluminum; 2-Row, Cross Flow, Over Under System, 1045 SqIn Louvered, With 373 SqIn CAC, With In Tank Oil Cooler

f. FEDERAL EMISSIONS {Cummins ISL9} EPA, OBD and GHG Certified for Calendar Year 2016

g. AIR CLEANER With Service Protection Element

h. THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel

i. EMISSION COMPLIANCE Low NOx Idle Engine, Complies with California Clean Air Regulations; Includes "Certified Clean Idle" Decal on Hood

j. 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. TRANSMISSION, AUTOMATIC {Allison 3500_RDS_P} 5th Generation Controls; Wide Ratio, 5Speed, With Overdrive; On/Off Hwy; Includes Oil Level Sensor, With PTO Provision, Less Retarder, With 80,000-lb GVW & GCW Max

b. TRANSMISSION SHIFT CONTROL {Allison} Push-Button Type; for Allison 3000 & 4000 Series Transmission

c. TRANSMISSION OIL Synthetic; 29 thru 42 Pints

- d. ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS); General Purpose Trucks, Construction
- e. SHIFT CONTROL PARAMETERS Allison 3000 or 4000 Series Transmissions, 5th Generation Controls, with EcoCal and Dynamic Shift Sensing (FuelSense Basic)
- f. PTO LOCATION Left Side of Transmission

15. REAR AXLE/SUSPENSION

- a. AXLE, REAR, SINGLE {Meritor MS-21-14X-4DFR} Single Reduction, 21,000-lb Capacity, R Wheel Ends . Gear Ratio: 5.13
- b. SUSPENSION, RR, SPRING, SINGLE Vari-Rate; 23,500-lb Capacity, With 4500 lb Auxiliary Rubber Spring

16. FUEL TANK/FILTERS

- a. FUEL/WATER SEPARATOR {Racor 400 Series,} 12 Volt Pre-Heater, with Primer Pump, and WIF Sensor
- b. LOCATION FUEL/WATER SEPARATOR Mounted Outside Left Rail 8" Back of Cab
- c. FUEL TANK Top Draw; Non-Polished Aluminum, 24" Diam., 50 U.S. Gal., 189 L Capacity, Mounted Left Side Under Cab
- d. DEF TANK 5 U.S. Gal. 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, Mid Back, Vinyl, 2 Position Front Cushion Adjustment, -3 to +14 Degree Back Angle Adjust
- g. SEAT, TWO-MAN PASSENGER {National} 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. CAB INTERIOR TRIM Deluxe

18. WHEELS

- a. WHEELS, FRONT {Accuride} DISC; 22.5x7.50 Rims, Painted Steel, 5-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
- b. WHEELS, REAR {Accuride} DUAL DISC; 22.5x7.50 Rims, Painted Steel, 5-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
- c. WHEEL SEALS, FRONT {International} Oil-Lubricated Wheel Bearings

19. TIRES

- a. (2) TIRE, FRONT 11R22.5 HSR2 (CONTINENTAL) 498 rev/mile, load range G, 14 ply
- b. (4) TIRE, REAR 11R22.5 HDR2 (CONTINENTAL) 491 rev/mile, load range G, 14 ply

20. OPTIONAL EQUIPMENT INCLUDED

- a. WARRANTY Standard for Durastar 1000/4000 Series, Effective with Vehicles Built January 2, 2015 or Later, CTS-2475P
- b. SAFETY EQUIPMENT & NC INSPECTION



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The International 4400 SBA 4x2 - Knuck BM HI TOR 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:	\$72,592.00	\$72,592.00	\$72,592.00	\$72,592.00

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.

VEHICLE:	4400 SBA 4x2 - Knuck BM HI TOR			
DEALER:	White/Herring Tractor and Truck, LLC	White/Herring Tractor and Truck, LLC	White/Herring Tractor and Truck, LLC	White/Herring Tractor and Truck, LLC
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$72,592.00	\$72,592.00	\$72,592.00	\$72,592.00

Order Code	Add Options	All Zones
	{Cummins ISL9 270} 270 HP @ 2000 RPM, 800 lb-ft Torque @ 1300 RPM	\$468.00
	{Cummins ISL9 300} 300 HP @ 2000 RPM, 860 lb-ft Torque @ 1300 RPM	\$1,226.00
	{Cummins ISL9 330} 330 HP @ 2000 RPM, 1000 lb-ft Torque @ 1400 RPM (NOTE: Requires Allison 3000_RDS transmission due to high torque)	\$2,633.00
	{Allison 3000_RDS_P} Close Ratio, 5-Speed, With Overdrive	\$157.00
	{Allison 3500_RDS_P} Wide Ratio, 6-Speed, With Double Overdrive	NC
	{Allison 3000_RDS_P} Close Ratio, 6-Speed, With Double Overdrive	\$157.00
	Front Axle & Suspension - 14,000 lbs. Cap. w/Taper Leaf Springs & Shock Absorbers (NOTE: 14k Front axle requires optional heavier frame rails or double channel frame)	\$749.00
	Single Channel 10.375" x 3.705" x 0.438" 120KSI RBM 2,511,600	\$174.00
	Double Channel (120KSI); 10.813" x 3.892" x 0.312" RBM 3,580,800	\$1,650.00
	{Dana Spicer S23-170} Single Reduction, 23,000-lb Capacity, R Wheel Ends	\$833.00
	Dana Spicer S23-170D} Single Reduction, 23,000-lb Cap., Locking Differential	\$1,738.00
	{Dana Spicer S26-190} Single Reduction, 26,000-lb Capacity, R Wheel Ends (NOTE: Requires Double Channel frame)	\$2,871.00
	{Dana Spicer S30-190} Single Reduction, 30,000-lb Capacity, W Wheel Ends (NOTE: Requires Double Channel frame)	\$3,358.00
	{Dana Spicer S30-190D} Single Reduction, 30,000-lb Capacity, Locking Differential (NOTE: Requires Double Channel frame)	\$4,140.00
	Vari-Rate; 31,000-lb Capacity, With 4500 lb Auxiliary Rubber Spring	\$136.00
	Switchback Horizontal Exhaust, Right Side Under Cab; Includes Single Vertical Tail Pipe	\$932.00
	Options available upon request	
	Tilting	\$125.00