

Prepared For:
STATE OF MICHIGAN
OFFICE OF PURCHASING
DEPT. OF MGT. & BUDGET
LANSING, MI 48909-
(517)373 - 0330
Reference ID: MiDEAL- 0114

MiDEAL 3958-0114

Presented By:
TRI COUNTY INTL TRUCKS
Mark J Caracciolo
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DEARBORN MI 48126 -
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Model Profile
2011 TERRASTAR SFA 4x2 (TA005)

APPLICATION:	Landscape Dump
MISSION:	Requested GVWR: 16000. Calc. GVWR: 19500 Calc. Start / Grade Ability: 57.60% / 6.27% @ 55 MPH Calc. Geared Speed: 75.1 MPH
FUEL ECONOMY:	8.82 MPG @ 55 MPH
DIMENSION:	Wheelbase: 158.00, CA: 83.60, Axle to Frame: 49.00
ENGINE, DIESEL:	{MaxxForte 7} EPA 10, 300 HP @ 2600 RPM, 660 lb-ft Torque @ 1600 RPM, 2800 RPM Governed Speed, 300 Peak HP (Max)
TRANSMISSION, AUTOMATIC:	{Allison 1000_RDS} 4th Generation Controls; Close Ratio, 5-Speed, With Overdrive; Includes Park Pawl, With PTO Provision, Less Retarder, With 19,500-lb GVW & 26,000-lb GCW Max., on/ off hwy
CLUTCH:	Omit Item (Clutch & Control)
AXLE, FRONT NON-DRIVING:	{Dana Spicer D700-N} I-Beam Type, 7,000-lb Capacity
AXLE, REAR, SINGLE:	{Dana Spicer S110} Single Reduction, With Offset Housing; 13,500-lb Capacity, 160 Wheel Ends Gear Ratio: 4.88
CAB:	Conventional
TIRE, FRONT:	(3) 225/70R19.5 XZE (MICHELIN) 646 rev/mile, load range F, 12 ply
TIRE, REAR:	(4) 225/70R19.5 XZE (MICHELIN) 646 rev/mile, load range F, 12 ply
SUSPENSION, RR, SPRING, SINGLE:	Vari-Rate; 13,500-lb Capacity
PAINT:	Cab schematic 100TA Location 1: 2353, Red Safeway (Prem) Chassis schematic N/A

<u>Code</u>	<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
TA00500	Base Chassis, Model TERRASTAR SFA 4x2 with 158.00 Wheelbase, 83.60 CA, and 49.00 Axle to Frame.	4834/2978	7812
1570	TOW HOOK, FRONT (2) Frame Mounted	9/-1	8
1CDN	FRAME RAILS High Strength Low Alloy Steel (80,000 PSI Yield); 7.375" x 3.079" x .312" (187.45mm x 78.2mm x 8.0mm) With Transition to 9.125" x 3.079" x .312" (231.8mm x 78.2mm x 8.0mm); Includes 1.2" (30mm) Drop Under Cab; 325.5" (8267.7mm) Maximum OAL	0/0	0
1MSD	BUMPER, FRONT Full Width, Aerodynamic, Steel, Painted Gloss Black, 0.118" Material Thickness	0/0	0
1SAL	CROSSMEMBER, REAR, AF (01)	0/20	20
1WEB	WHEELBASE RANGE 128" (325cm) Through and Including 183" (465cm)	0/0	0
2ADZ	AXLE, FRONT NON-DRIVING {Dana Spicer D700-N} I-Beam Type, 7,000-lb Capacity	0/0	0
3AGN	SUSPENSION, FRONT, SPRING Taper Leaf, Shackle Type; 7,000-lb Capacity; With Shock Absorbers	0/0	0
	<u>Includes</u> : SPRING PINS Rubber Bushings, Maintenance-Free		
4087	BRAKE SYSTEM, HYDRAULIC {TRW 355} Split System, With Three Channel ABS	0/0	0
4GAX	BRAKE, PARKING {TRW} Drum-in-Hat Type; for Hydraulic Brake chassis; Activated by Lever in Cab; Mounted in Rear Wheels	0/0	0
4JNH	BRAKES, FRONT, HYDRAULIC DISC {TRW} 15.35" x 1.54" Rotors; Dual 2.36" (60mm) Diam. Pistons	0/0	0
4NNH	BRAKES, REAR, HYDRAULIC DISC {TRW} 15.35" x 1.54" Rotors; Dual 2.36" (60mm) Diam. Pistons	0/0	0
5710	STEERING COLUMN Tilting and Telescoping	0/0	0
5CAL	STEERING WHEEL 2-Spoke, 18" Diam., Black	0/0	0
5PSN	STEERING GEAR {Sheppard MD83} Power	0/0	0
7BDA	EXHAUST SYSTEM Single, Horizontal, Aftertreatment Device Frame Mounted Right Side Back of Cab, Includes Horizontal Tail Pipe	0/0	0
7WZX	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	0/0	0
8000	ELECTRICAL SYSTEM 12-Volt, Standard Equipment	0/0	0
	<u>Includes</u> : 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 : HEADLIGHTS (2) Sealed Beam Halogen, 5" x 7" Rectangular, with Molded-In Argent Colored 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		

<u>Code</u>	<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
	: 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 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		
8540	HORN, ELECTRIC (2)	4/0	4
8718	POWER SOURCE Cigar Type Receptacle without Plug and Cord	1/0	1
8GWZ	ALTERNATOR {Leece-Neville 14923PAH} Brush Type; 12 Volt 220 Amp. Capacity, Pad Mounted, Includes 1-Gauge Protected Charging Circuit	0/0	0
8HAB	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	2/0	2
8MLM	BATTERY SYSTEM {International} Maintenance-Free (3) 12-Volt 2250CCA Total	0/0	0
8REA	2-WAY RADIO Wiring Effects; Wiring With 20 Amp Fuse Protection, Includes Ignition Wire With 5 Amp Fuse, Wire Ends Heat Shrink and 10' Coil Taped to Base Harness	0/0	0
8THB	BACK-UP ALARM Electric, 102 dBA	0/3	3
8WBW	JUMP START STUD Remote Mounted	2/0	2
8WEG	TURN SIGNAL SWITCH Non-Canceling	2/0	2
8WGL	WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time	0/0	0
8WPZ	TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights	0/0	0
8WRB	HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on	0/0	0
8WSM	SWITCH, BODY CIRCUITS, MID ; for Bodybuilder, With 6 Switches in Instrument Panel; One Power Module With 6 Channel, 20 Amp Max. Per Channel and 80 Amp Max Output, Switches Control the Power Module Through Multiplex Wiring, Mounted Battery Box Back of Cab	4/0	4
8WWJ	INDICATOR, LOW COOLANT LEVEL With Audible Alarm	1/0	1
8WXB	HEADLIGHT WARNING BUZZER Sounds When Head Light Switch is on and Ignition Switch is in "Off" Position	0/0	0
8WYD	STARTING MOTOR {Delco Remy 29MT} 12 Volt; Less Thermal Over-Crank Protection, With Integrated Magnetic Switch	0/0	0
8XAH	CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III With Trip Indicators, Replaces All Fuses Except For 5-Amp Fuses	0/0	0
9HBZ	GRILLE Molded, Dark Gray Color	0/0	0
9WAY	FRONT END Tilting, Fiberglass, With Three Piece Construction	0/0	0
10060	PAINT SCHEMATIC, PT-1 Single Color, Design 100	0/0	0

<u>Code</u>	<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
10761	PAINT TYPE Base Coat/Clear Coat, 1-2 Tone	0/0	0
10769	PAINT CLASS Premium Color.	0/0	0
11001	CLUTCH Omit Item (Clutch & Control)	-60/-15	-75
12890	BLOCK HEATER, ENGINE {Phillips} 120 Volt/1000 Watt	2/0	2
	<u>Includes</u> : BLOCK HEATER SOCKET Receptacle Type; Mounted below Drivers Door		
12NVE	ENGINE, DIESEL {MaxxFORCE 7} EPA 10, 300 HP @ 2600 RPM, 660 lb-ft Torque @ 1600 RPM, 2800 RPM Governed Speed, 300 Peak HP (Max)	0/0	0
	<u>Includes</u> : 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		
12TTB	FAN DRIVE {Borg-Warner Series 790} Viscous Type, Screw On	1/0	1
	<u>Includes</u> : FAN Nylon		
12UBU	RADIATOR Aluminum; 2-Row, Cross Flow, Side-by-Side System, 697 SqIn Louvered, With 225 SqIn CAC, With In-Tank Oil Cooler	0/0	0
	<u>Includes</u> : ANTI-FREEZE Red Shell Rotella Extended Life Coolant; -40 Degrees F/ -40 Degrees C; for MaxxFORCE Engines : DEAERATION SYSTEM with Surge Tank : HOSE CLAMPS, RADIATOR HOSES Gates Shrink Band Type; Thermoplastic Coolant Hose Clamps : RADIATOR HOSES Premium, Rubber		
12VBR	AIR CLEANER With Service Protection Element	0/0	0
	<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	0/0	0
12VZA	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	0/0	0
12VZD	FEDERAL EMISSIONS for 2010; MaxxFORCE 7 Engines	0/0	0
12WTA	FAN DRIVE SPECIAL EFFECTS Fan Cooling Ring with Fan Shroud Effects, Engine Mounted	0/0	0
12WZE	EMISSION COMPLIANCE Federal, Does Not Comply With California Clean Air Regulations	0/0	0

<u>Code</u>	<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
13AKX	TRANSMISSION, AUTOMATIC {Allison 1000_RDS} 4th Generation Controls; Close Ratio, 5-Speed, With Overdrive; Includes Park Pawl, With PTO Provision, Less Retarder, With 19,500-lb GVW & 26,000-lb GCW Max., on/off hwy <u>Includes</u> : OIL FILTER, TRANSMISSION Mounted on Transmission : TRANSMISSION OIL PAN Magnet in Oil Pan	1/0	1
13WDH	WIRING, TRANS, BODY BUILDER Installed Wiring for Transmission/PTO Controls, for Allison 1000, 2000, 2100, 2200, 2400, 2500 Series Transmission	1/0	1
13WLN	TRANSMISSION OIL Synthetic; 20 thru 28 Pints	0/0	0
13WYL	SHIFT CONTROL PARAMETERS Allison Performance Programming in Primary and Allison Economy Programming in Secondary	0/0	0
14888	DIFFERENTIAL, LOCKING {Dana Spicer Truetrac} Torque Proportioning Limited Slip	0/0	0
14ACN	AXLE, REAR, SINGLE {Dana Spicer S110} Single Reduction, With Offset Housing; 13,500-lb Capacity, 160 Wheel Ends . Gear Ratio: 4.88 <u>Includes</u> : REAR AXLE DRAIN PLUG (1) Magnetic, For Single Rear Axle	0/0	0
14SAC	SUSPENSION, RR, SPRING, SINGLE Vari-Rate; 13,500-lb Capacity <u>Notes</u> : The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires.	30/89	119
14WAP	SHOCK ABSORBERS, REAR (2)	0/45	45
14WLA	AXLE, REAR, LUBE {EmGard 75W-90} Synthetic Oil; 1 thru 29.99 Pints	0/0	0
15SSW	FUEL TANK Top Draw; Rectangular, Steel; 40 U.S. Gal., 151 L Capacity, 15" Depth, Includes Fuel Filler Assembly and Vent Hosing, Mounted Between Frame Sidemembers and Behind Rear Axle	-13/82	69
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) Front of "B" Pillar Mounted, One Each Side : INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior Color : STEP (2) One Per Door	0/0	0
16HBA	GAUGE CLUSTER English With English Electronic Speedometer <u>Includes</u> : 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	0/0	0

<u>Code</u>	<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
	: WARNING SYSTEM Low Fuel, Low Oil Pressure, High Engine Coolant Temp, and Low Battery Voltage (Visual and Audible)		
16HKA	IP CLUSTER DISPLAY Omit Display of Fault Codes in Instrument Cluster and Disable Blink Codes, Requires Service Tool to Retrieve and View Fault Code	0/0	0
16JNZ	SEAT, DRIVER {National 2000} Self Contained with Compressor, High Back with Integral Head Rest, Vinyl, Isolator, Mechanical Lumbar, 2 Position Front Cushion Adjust, -3 to +14 Degree Back Angle Adjust	5/4	9
	<u>Includes</u> : SEAT BELT 3-Point, Lap and Shoulder Belt Type		
16LCZ	SEAT, PASSENGER {National 2000} Self Contained with Compressor, High Back with Integral Head Rest, Vinyl, Isolator, Mechanical Lumbar, 2 Position Front Cushion Adjustment, -3 to +14 Degree Back Angle Adjust	0/0	0
	<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	0/0	0
16SDL	MIRRORS (2) {Lang Mekra} Rectangular, 7.44" x 14.84" & 7.44" sq. Convex Both Sides, 102" Inside Spacing, Breakaway Type, Heated Heads Thermostatic Controlled, Black Heads, Brackets and Arms	0/0	0
16WBY	ARM REST, RIGHT, DRIVER SEAT	3/0	3
16WBZ	ARM REST, LEFT, PASSENGER SEAT	3/0	3
16WCS	HEATER {Blend-Air} with Defroster	0/0	0
	<u>Includes</u> : CLAMPS, HEATER HOSE Mubea Constant Tension Clamps : HEATER HOSES Premium		
16WHJ	CLAMPS, HEATER HOSE {Breeze} Belleville Washer Type	0/0	0
16WJS	INSTRUMENT PANEL Center Section, Flat Panel	0/0	0
16WJU	WINDOW, POWER (2) And Power Door Locks, Left and Right Doors, Includes Express Down Feature	5/0	5
16WKY	FRESH AIR FILTER for HVAC	4/0	4
16WRZ	CAB INTERIOR TRIM Premium	0/0	0
	<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 : CAB SOUND INSULATION Includes Dash and Engine Cover Insulators : CONSOLE, OVERHEAD Molded Plastic; With Dual Storage Pockets with Retainer Nets, CB Radio Pocket, Speakers, and Reading Lights : COURTESY LIGHT (2) Mounted In Front Map Pocket Left and Right Side : DOOR TRIM PANELS with Cloth Insert on Bolster Driver and Passenger Doors : FLOOR COVERING Rubber, Black : GAUGE, TEMPERATURE, AMBIENT Includes Compass Readout and Wiring and Sensor With Display Unit Mounted in Cluster : HEADLINER Soft Padded Cloth		

<u>Code</u>	<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
	: INSTRUMENT PANEL TRIM Molded Plastic with Black Center Section : STORAGE POCKET, DOOR (2) Molded Plastic (Carpet Texture), Full-Length; Driver and Passenger Doors : SUN VISOR (3) Padded Vinyl: 2 Moveable (Front-to-Side) Primary Visors, Driver Side with Vanity Mirror and Toll Ticket Strap, plus 1 Auxiliary Visor (Front Only), Driver Side		
26DRR	WHEEL, SPARE, DISC 19.5" Painted Steel, 10 Stud (225MM BC) Hub Piloted, Flange Nut, Metric Mount, 6.00DC Rim	0/0	0
27DAU	WHEELS, FRONT DISC; 19.5" Painted Steel, 10-Stud (225mm BC) Hub-Piloted, Flanged Nut, Metric Mount, 6.00 DC Rims; With Steel Hubs	0/0	0
	<u>Includes</u> : PAINT IDENTITY, FRONT WHEELS White : WHEEL SEALS, FRONT Grease Lubricated, Includes Wheel Bearings		
28DAU	WHEELS, REAR DISC; 19.5" Painted Steel, 10-Stud (225mm BC) Hub-Piloted, Flanged Nut, Metric Mount, 6.00 DC Rims; With Steel Hubs	0/0	0
	<u>Includes</u> : WHEEL SEALS, REAR Oil Lubricated, Includes Wheel Bearings		
29007	TIRE, SPARE Equal to Model Standard	0/91	91
	<u>Notes</u> : NOTE: Only One Spare Tire per Truck Ordered. Order Must Reflect Number of Tires Required (Including Spare). 10-Digit Tire Code and Spare Rim/Wheel Code Must be Specified.		
29PAR	PAINT IDENTITY, FRONT WHEELS {Accuride} Disc Front Wheels; With Vendor Applied (PKWHT21) White Powder Coat Paint	0/0	0
29PAS	PAINT IDENTITY, REAR WHEELS {Accuride} Disc Rear Wheels; With Vendor Applied (PKWHT21) White Powder Coat Paint	0/0	0
29SAE	WHEEL SEALS, FRONT {Chicago Rawhide Nitrile} for Oil Lubricated Wheel Bearings	0/0	0
29WLA	WHEEL BEARING, FRONT, LUBE {EmGard 50W} Synthetic Oil	0/0	0
7629443253	(3) TIRE, FRONT 225/70R19.5 XZE (MICHELIN) 646 rev/mile, load range F, 12 ply	0/0	0
7629443253	(4) TIRE, REAR 225/70R19.5 XZE (MICHELIN) 646 rev/mile, load range F, 12 ply	0/0	0
	Total Component Weight:	4841/3296	8137
	MiDEAL Spec Requirements	0/0	0
	Total Goods Purchased:	0/0	0

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.

<u>Description</u>	(USA DOLLAR)	<u>Price</u>
Factory List Prices:		
Product Items	\$49,829.00	
Service Items	\$0.00	
Total Factory List Price Including Options:		\$49,829.00
Total Goods Purchased:		\$1,265.00
Freight Charge	\$1,505.00	
Freight Surcharge	\$195.00	
Total Freight:		\$1,700.00
Total Factory List Price Including Freight:		\$52,794.00
Less Customer Allowance:		(\$6,549.00)
Total Vehicle Price:		\$46,245.00
Total Sale Price:		\$46,245.00
Total Per Vehicle Sales Price:		\$46,245.00
Total Net Sales Excluding Taxes:		\$46,245.00
Michigan Title Fee	\$15.00	
Total License, Title:		\$15.00
Net Sales Price:		\$46,260.00

Please feel free to contact me regarding these specifications should your interests or needs change. I am confident you will be pleased with the quality and service of an International vehicle.

Approved by Seller:

Accepted by Purchaser:

Official Title and Date

Firm or Business Name

Authorized Signature

Authorized Signature and Date

This proposal is not binding upon the seller without Seller's Authorized Signature

Official Title and Date