

RESOLUTION NO. 2014 - 363

A RESOLUTION BY THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA, AUTHORIZING THE COUNTY ADMINISTRATOR, OR DESIGNEE, TO PURCHASE ONE NEW VAC-CON SEWER COMBINATION CLEANING TRUCK AND TO EXECUTE A PURCHASE ORDER FOR THE SAME

RECITALS

WHEREAS, the County seeks to purchase of one (1) Vac-Con Sewer Combination Cleaning Truck, which consists of a cleaning system and chassis; and

WHEREAS, in accordance with section 302.6.5.4 of the St. Johns County Purchasing Manual, entitled "Piggyback or Cooperative Purchasing", the County is authorized make said purchase subject to the terms and conditions of Florida Sheriff's Association, Florida Association of Counties & Florida Fire Chief's Association contract #14-12-0904 ("Contract"); and

WHEREAS, purchase of the equipment will be funded through the Road & Bridge Department; and

WHEREAS, the County has reviewed the terms, provisions, conditions and requirements of the Contract and finds that entering into the Contract for purchase of the equipment serves a public purpose.

NOW, THEREFORE BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA, as follows:

Section 1. The above Recitals are incorporated by reference into the body of this Resolution and such Recitals are adopted as finds of fact.


Section 2. The County Administrator, or designee, is hereby authorized to purchase one (1) new Vac-Con Sewer Combination Cleaning Truck, which includes a cleaning system and chassis.

Section 3. In accordance with the terms and conditions of the Contract, the County Administrator, or designee, is further authorized to execute a purchase order in the amount of \$247,933.73 for purchase of the Vac-Con Sewer Combination Cleaning System from Southern Sewer Equipment Sales and to execute a purchase order in the amount of \$101,919.00 for the purchase of the chassis from Lou Bachrodt Freightliner.


Section 4. To the extent that there are typographical and/or administrative errors that do not change the tone, tenor, or concept of this Resolution, then this Resolution may be revised without subsequent approval by the Board of County Commissioners.

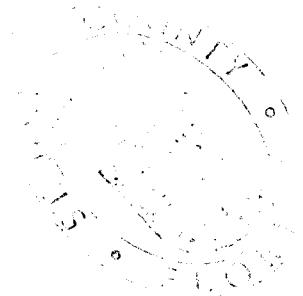
PASSED AND ADOPTED by the Board of County Commissioners of St. Johns County, Florida, this 16 day of December, 2014.

**BOARD OF COUNTY COMMISSIONERS
OF ST. JOHNS COUNTY, FLORIDA**

By: 
Priscilla L. Bennett, Chair

ATTEST: Cheryl Strickland, Clerk

By: 
Deputy Clerk



RENDITION DATE 12/18/14



SOUTHERN SEWER EQUIPMENT SALES

3409 Industrial 27th St. • Ft. Pierce, FL 34946
(772) 595-9171 FAX • 1-800-782-4134 • (772) 595-6940

"A Certified MBE Woman Owned Business"

Mr. Bryan Collins
St. Johns County
1625 State Road 16
St. Augustine, FL 32095
Via email: bcollins@sjcfl.us

October 27, 2014

Dear Mr. Collins,

*****Please note: The Florida Sheriffs Contract has separate specifications for the Sewer Cleaner Body and Chassis. This proposal does not include the cost for the chassis.***

Southern Sewer Equipment Sales is pleased to announce the opportunity for St. Johns County to purchase a new Vac-Con Sewer Combination Cleaner Body from the Florida Sheriff's Contract No. 14-12-0904, Specification #47.

The base Vac-Con model on Specification #47 includes the following items:

New Vac-Con Sewer Combination Cleaner Model V311HN/1000
11 Yard Debris Tank
80 GPM @ 2500 PSI Water System
3 Stage Centrifugal Compressor
1000 Gallon Fresh Water Capacity
Hydraulic Rear Door Locks
Front Mounted Fixed Boom
Front Mounted Fixed Hose Reel
400' of Sewer Hose
20' Aluminum Tubes with Quick Clamps
Sanitary Nozzle, Penetrator Nozzle
Fire Extinguisher
Triangle Kit

Base Bid Price: \$161,718.00

Optional Equipment:

600' x 1" Hose Reel Capacity	(\$2,293.00)
Upgrade to 1300 Gallon Water Capacity	\$4,915.00
Articulating Hose Reel (includes Hose Footage Counter)	\$12,908.00
Wireless Remote	\$4,251.00
Dual Engine Configuration (<i>Ford Gas Auxiliary Engine</i>), Includes High Volume Hydrostatic Pump Upgrade and Auxiliary Engine Remote Oil Drain	\$10,867.00
10' Telescoping Boom Assembly with Pendant Control Station	\$12,529.00

Lighting Package: Boom Mounted Flood Lights, Rear Mounted Flood Lights, Front & Rear Mounted Strobe Lights with Limb Guards, Arrowstick & Hand Held Spot Light	\$4,163.00
Municipal Performance Package #1: Storage Box Behind Cab, Debris Body Power Flush System, 50' Capacity Hand Gun Hose Reel, Low Water Alarm, Body Load Limit Alarm, Back Up Alarm, 2.5" Water Drain Valve, 6" Knife Valve	\$8,111.00
Municipal Performance Package #2: Lazy Susan or Folding Pipe Rack, Additional 10' Tubes, Dual Roller Level Wind Guide, Additional 100' Hose, Nozzle Rack, Rear Tow Hooks, Adjustable Air Gap, First Aid Kit	\$4,758.00
Remote Grease Zerk Assembly Package: Boom, Debris Tank & Articulating Hose Reel	\$5,548.00
Back Up Camera System with Monitor	\$1,595.00
16 Yard Debris Tank with Flat Style Rear Door in lieu of 11 Yard <i>(unpublished option, includes 3.5% discount)</i>	\$15,961.10
Spare Hand Light Connection <i>(unpublished option, includes 3.5% discount)</i>	\$101.33
Flood Light at Water Pump Area <i>(unpublished option, includes 3.5% discount)</i>	\$262.48
Flood Light at Auxiliary Engine Area <i>(unpublished option, includes 3.5% discount)</i>	\$262.48
Flood Light at Level Wind <i>(unpublished option, includes 3.5% discount)</i>	\$262.48
Aluminum Storage Box Behind the Cab in lieu of Steel <i>(unpublished option, includes 3.5% discount)</i>	\$2,316.00
Rear Splash Guard, 3-9 o'clock position <i>(unpublished option, includes 3.5% discount)</i>	\$1,767.88
50' Retractable Cord for Hand Held Spotlight <i>(unpublished option, includes 3.5% discount)</i>	\$509.52
Cone Storage Rack <i>(unpublished option, includes 3.5% discount)</i>	\$351.26
Water Cooler Rack <i>(unpublished option, includes 3.5% discount)</i>	\$258.62
Spare Hose Guide <i>(unpublished option, includes 3.5% discount)</i>	\$151.51
Flare Kit <i>(unpublished option, includes 3.5% discount)</i>	\$48.25
Water and Debris Tanks Interconnect <i>(unpublished option, includes 3.5% discount)</i>	\$1,933.86
Omnibus Electronic Joystick Controller with Color Monitor and Electronic Footage Counter <i>(unpublished option, includes 3.5% discount)</i>	\$3,226.96
80 GPM @ 2,000 PSI Water System in lieu of 80 @ 2,500	(1,000.00)
Special Discount	<u>(\$7,550.00)</u>

Final Model After Options: V316LHAE0G/1300

TOTAL PRICE FOR VAC-CON BODY: \$247,933.73

The body price includes mounting the Vac-Con body to the chassis. Please review the Florida Sheriffs Contract for chassis options. The chassis supplier should drop ship the chassis to Vac-Con in Green Cove Springs, FL. The specifications should be approved by Vac-Con before ordering the chassis.

We appreciate the opportunity to provide this equipment to St. Johns County. Please feel free to contact Bill Stinson at (772) 216-2173, if you have any questions.

Sincerely,

Jenny Mitchem

Jenny Mitchem
Sales Coordinator



**FLORIDA SHERIFFS ASSOCIATION
& FLORIDA ASSOCIATION OF COUNTIES**

**10 CUBIC YARD COMBINATION SEWER CLEANING/VACUUMING
MACHINE
SPECIFICATION #47**

2015 Aquatech B-10
2015 Super Products Camel 200
2015 Vacall AJV 1010
2015 Vac-Con 11 Yard
2015 Vactor 2100 Plus

NOTE TO PURCHASERS: This is an INCOMPLETE UNIT. This is a bid award on a combination Sewer Cleaning/Vacuum Unit to be mounted on an appropriate sized cab & chassis truck. Agencies purchasing this unit will need to provide a cab & chassis truck of appropriate size, GVW, and, options necessary to have the selected combination Sewer Cleaner/Vacuuming Unit to be mounted on, or have the truck provider assist in ordering the correctly outfitted truck. Listed above you will find the model numbers of the units that will be included in the years contract.

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. AIR/VACUUM SYSTEM:

- a. Positive displacement vacuum pump or centrifugal compressor
- b. 3500 CFM @ 14.5 inches of mercury, minimum
- c. Muffler
- d. Vacuum relief valves
- e. Centrifugal separator with clean out
- f. PTO or hydrostatic drive

2. DEBRIS TANK:

- a. 10 cu. yard capacity
- b. 45 degree hydraulic dump
- c. Top hinged
- d. Hydraulic door locks
- e. Sight glass or indicator
- f. Drain valve with hose
- g. Check ball system or vacuum breaker

3. BOOM ASSEMBLY:

- a. 270 degree boom working area
- b. Hydraulic up/down

- c. Clean out port
- d. Transport cradle
- e. 8" boom hose
- f. Pendant control

4. WATER PUMP:

- a. 2500 PSI, 80 GPM
- b. Pressure relief valve
- c. Wash down gun with relief valve

5. WATER TANK:

- a. 1000 gallon capacity
- b. Curb side fill
- c. Level indicators

6. HOSE REEL:

- a. 800' of 1" hose capacity
- b. 400' of 1", 2500 PSI hose supplied
- c. Power in/out
- d. Reel speed control system
- e. Position lock system
- f. Engine and hose reel controls
- g. Level wind

7. DRIVE SYSTEM:

- a. Hydrostatic, split PTO, or auxiliary engine

8. MISCELLANEOUS:

- a. Nozzles 15 degree and 30 degree for jet
- b. Wash down gun
- c. 8" intake tube 20' minimum
- d. Flexible hose guide
- e. Hose storage rack



**FLORIDA SHERIFFS ASSOCIATION
& FLORIDA ASSOCIATION OF COUNTIES**

**10 CUBIC YARD COMBINATION SEWER CLEANING/VACUUMING
MACHINE
SPECIFICATION #47**

2015 Vac-Con 11 Yard

The Vac-Con 11 Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and FSA'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:	★ Western	Northern	Central	Southern
BASE PRICE:	\$161,718.00	\$161,718.00	\$161,718.00	\$161,718.00

While the Florida Sheriffs Association and Florida Association of Counties have 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:	11 Yard			
DEALER:	Southern Sewer Equipment Sales	Southern Sewer Equipment Sales	Southern Sewer Equipment Sales	Southern Sewer Equipment Sales
ZONE:	★ Western	Northern	Central	Southern
BASE PRICE:	\$161,718.00	\$161,718.00	\$161,718.00	\$161,718.00

Order Code	Delete Options	All Zones
	Downgrade to smaller unit - specify <i>Model V390HN/1000, 9 Yard Debris Tank to be Mounted on Single Rear Axle Chassis</i> ¹	(\$7,081.00) ¹ ★
	Downgrade to smaller unit - specify <i>600' x 1" Hose Reel Capacity</i> ¹	(\$2,293.00) ¹ ★
	Downgrade to smaller unit - specify <i>60 GPM @ 2,000 PSI Water System</i> ¹	NC ¹
	Delete option - specify <i>50 GPM @ 3,000 PSI Water System with 400' x 3/4" Hose</i> ¹	NC ¹
	Delete option - specify	NA
	Delete option - specify	NA
	Delete option - specify	NA
	Delete option - specify	NA

Order Code	Add Options	All Zones
	Upgrade to larger unit - specify <i>Model V311HN/1300, Upgrade to 1300 Gallon Water Capacity (Replaces side mounted tool boxes with behind the cab tool box)</i> ¹	\$4,915.00 ¹ ★
	Upgrade to larger unit - specify <i>Model V312HN/1000, Upgrade to 12 Yard Debris Tank</i> ¹	\$4,915.00 ¹
	Upgrade to larger unit - specify <i>Model V311SHN/1000, Upgrade to 6' Telescoping Boom with Pendant Control Station (Tube in Tube), Replaces Fixed Boom Assembly</i> ¹	\$8,348.00 ¹
	Articulating hose reel <i>Includes Hose Footage Counter</i> ¹	\$12,908.00 ¹ ★
	Hi-dump <i>Variable - Providing 19" Vertical Lift with 10" Offset to Rear</i> ¹	\$14,199.00 ¹
	Wireless remote	\$4,251.00 ¹ ★
	Variable flow water system <i>Includes 2 Additional Nozzles</i> ¹	\$1,151.00 ¹
	Hydraulic pump-off system <i>575 GPM, Mounted on Rear Door</i> ¹	\$11,642.00 ¹
	Positive displacement blowers <i>824 PD Blower</i> ¹	\$21,354.00 ¹
	Optional equipment - specify <i>Dual Engine Configuration, Includes High Volume Hydrostatic Pump Upgrade and Auxiliary Engine Remote Oil Drain</i> ¹	\$10,867.00 ¹ ★
	Optional equipment - specify <i>10' Telescoping Boom Assembly with Pendant Control Station (Tube in Tube), Replaces Fixed Boom Assembly</i> ¹	\$12,529.00 ¹ ★
	Optional equipment - specify <i>Lighting Package: Boom Mounted Flood Lights, Rear Mounted Flood Lights, Front & Rear Mounted Strobe Lights with Limb Guards, Arrowstick & Hand Held Spotlight</i> ¹	\$4,163.00 ¹ ★

VEHICLE:	11 Yard			
DEALER:	Southern Sewer Equipment Sales	Southern Sewer Equipment Sales	Southern Sewer Equipment Sales	Southern Sewer Equipment Sales
ZONE:	★ Western	Northern	Central	Southern
BASE PRICE:	\$161,718.00	\$161,718.00	\$161,718.00	\$161,718.00

	Optional equipment - specify <i>LED Lighting Package Upgrade: ICC LED Lights, Upgrade to LED Front & Rear Strobe Lights, Upgrade to LED Boom Mounted Flood Lights, Upgrade to LED Rear Mounted Flood Lights, Upgrade to LED Arrowstick, LED 4 Corner Strobe System - Bumper Mount (Requires Lighting Package)</i> ¹	\$4,602.00 ¹
	Optional equipment - specify <i>Municipal Performance Package #1: Storage Box Behind Cab, Debris Body Power Flush System, 50' Capacity Hand Gun Hose Reel, Low Water Alarm, Body Load Limit Alarm, Back Up Alarm, 2.5" Water Drain Valve, 6" Knife Valve</i> ¹	\$8,111.00 ¹ *
	Optional equipment - specify <i>Municipal Performance Package #2: Lazy Susan or Folding Pipe Rack, Additional 10' Tubes, Dual Roller Level Wind Guide, Additional 100' Hose, Nozzle Rack, Rear Tow Hooks, Adjustable Air Gap, First Aid Kit</i> ¹	\$4,758.00 ¹ *
	Optional equipment - specify <i>Hydro Excavation Package: 50' High Press Hand Gun Reel, High Press Unloader Valve & High Press Extendable (5') Excavation Nozzle with Quick Disconnect</i> ¹	\$5,422.00 ¹
	Optional equipment - specify <i>Remote Grease Zerk Assembly Package: Boom, Debris Tank & Articulating Hose Reel</i> ¹	\$5,548.00 ¹ *
	Optional equipment - specify <i>Heavy Reinforced Elbow</i> ¹	\$1,013.00 ¹
	Optional equipment - specify <i>80 GPM @ 3,000 PSI Water System, Includes 500' x 1" Sewer Hose (Consult Dealer for Pricing & Chassis HP Requirements)</i> ¹	NA ¹
	Optional equipment - specify <i>Back Up Camera with Monitor</i> ¹	\$1,595.00 ¹ *
	Optional equipment - specify <i>Hydraulic Rear Door Opener</i> ¹	\$3,457.00 ¹
	Optional equipment - specify <i>Flat Style Rear Door with Hydraulic Rear Door Opener, in lieu of Dome Style Rear Door</i> ¹	\$4,962.00 ¹
	Optional equipment - specify <i>Gravity Drain System: Plumbing to Mid-Passenger Side of Unit, Allowing Return of Liquids to Manhole</i> ¹	\$1,722.00 ¹
	Optional equipment - specify <i>FMC Water Pump in lieu of Gitan</i> ¹	\$1,984.00 ¹
	Optional equipment - specify	NA
	New state tag (specify state, county, city, sheriff, etc.)	NA
	Transfer existing registration (must provide tag number)	NA
	Temporary tag	NA
	Maintenance Plan - specify <i>Vac-Con Body Only (price is per year based on 5 years and 8,000 miles per year)</i> ¹	\$9,500.00 ¹
	Maintenance Plan - specify	NA
	Warranty - specify <i>Vac-Con Body Extended Warranty (price is per year up to 5 year maximum total warranty)</i> ¹	\$4,176.00 ¹
	Warranty - specify	NA
% Discount ¹	Discount percentage off manufacturer's current published retail prices for non-specified options and any optional models bid. This discount ONLY APPLIES to a downgrade or an upgrade to the model listed in this specification. It does not apply to a completely different make or model. (The discount is applied to the manufacturer's current published retail prices.)	\$3.50 ¹

Prepared by:
 Drew Ellison
 LOU BACHRODT FREIGHTLINER
 2840 CENTER PORT CIRCLE
 POMPANO BEACH, FL 33064
 Phone: 407-886-6704

S T J O H N S C O U N T Y
V A C C O N C H A S S I S
Q U O T A T I O N

114SD CONVENTIONAL CHASSIS

SET FORWARD AXLE - TRUCK	20,000# FLAT LEAF FRONT SUSPENSION
CUM ISL 370 HP @ 2000 RPM, 2100 GOV RPM, 1250 LB/FT @ 1400 RPM	114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
ALLISON 3000 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	6700MM (264 INCH) WHEELBASE
RT-46-160 46,000# R-SERIES TANDEM REAR AXLE	7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI
HENDRICKSON RT463 REAR SUSPENSION @ 46,000#	1900MM (75 INCH) REAR FRAME OVERHANG
DETROIT DA-F-20.0-5 20,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE	1/4 INCH (6.35MM) C-CHANNEL INNER FRAME REINFORCEMENT

	TOTAL # OF UNITS (1)	PER UNIT	TOTAL
VEHICLE PRICE	\$	\$	
EXTENDED WARRANTY	\$	\$	
DEALER INSTALLED OPTIONS	\$	\$	
CUSTOMER PRICE BEFORE TAX	\$	\$	
TAXES AND FEES			
TAXES AND FEES	\$	\$	
OTHER CHARGES	\$	\$	
	\$	(0) \$	(0)
BALANCE DUE	(LOCAL CURRENCY) \$	101,919 \$	101,919

2014/15 FLORIDA SHERIFFS CONTRACT SPEC 14 14-12-0904
 LOU BACHRODT FREIGHTLINER LOW BID ON THIS SPEC.

APPROVAL:

Please indicate your acceptance of this quotation by signing below:

Customer: X _____ Date: ___ / ___ / ___.



Prepared by:
Drew Ellison
LOU BACHRODT FREIGHTLINER
2840 CENTER PORT CIRCLE
POMPANO BEACH, FL 33064
Phone: 407-886-6704

Daimler Truck Financial

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S P E C I F I C A T I O N P R O P O S A L

Data Code	Description
Price Level	
PRL-09D	SD PRL-09D (EFF:08/05/14)
Data Version	
DRL-012	SPECPRO21 DATA RELEASE VER 012
Vehicle Configuration	
001-177	114SD CONVENTIONAL CHASSIS
004-215	2015 MODEL YEAR SPECIFIED
002-003	SET FORWARD AXLE - TRUCK
019-002	STRAIGHT TRUCK PROVISION
003-001	LH PRIMARY STEERING LOCATION
General Service	
AA1-002	TRUCK CONFIGURATION
AA6-001	DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES)
A85-010	UTILITY/REPAIR/MAINTENANCE SERVICE
A84-1GM	GOVERNMENT BUSINESS SEGMENT
AA4-011	FIXED LOAD COMMODITY
AA5-006	TERRAIN/DUTY: 10% (SOME) OF THE TIME, IN TRANSIT, IS SPENT ON NON-PAVED ROADS
AB1-008	MAXIMUM 8% EXPECTED GRADE
AB5-003	MAINTAINED GRAVEL OR CRUSHED ROCK - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE
995-1AE	FREIGHTLINER LEVEL II WARRANTY
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 20000.0 lbs
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 46000.0 lbs
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 66000.0 lbs
Truck Service	
AA3-030	FLATBED/PLATFORM BODY WITH LIFT/PULL DEVICE



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Data Code	Description
Engine	
101-2XN	CUM ISL 370 HP @ 2000 RPM, 2100 GOV RPM, 1250 LB/FT @ 1400 RPM
Electronic Parameters	
79A-075	75 MPH ROAD SPEED LIMIT
79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT
79K-007	PTO MODE ENGINE RPM LIMIT - 1100 RPM
79M-001	PTO MODE BRAKE OVERRIDE - SERVICE BRAKE APPLIED
79P-002	PTO RPM WITH CRUISE SET SWITCH - 700 RPM
79Q-003	PTO RPM WITH CRUISE RESUME SWITCH - 800 RPM
79S-001	PTO MODE CANCEL VEHICLE SPEED - 5 MPH
79U-007	PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND
80G-002	PTO MINIMUM RPM - 700
80J-002	REGEN INHIBIT SPEED THRESHOLD - 5 MPH
Engine Equipment	
99C-013	2013 ONBOARD DIAGNOSTICS/2010 EPA/CARB/GHG14
99D-011	2008 CARB EMISSION CERTIFICATION - CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LOWER FORWARD CORNER OF DRIVER DOOR)
13E-001	STANDARD OIL PAN
105-001	ENGINE MOUNTED OIL CHECK AND FILL
014-099	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER
124-1D7	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE
292-071	(3) ALLIANCE MODEL 1231, GROUP 31, 12 VOLT MAINTENANCE FREE 3375 CCA THREADED STUD BATTERIES
290-017	BATTERY BOX FRAME MOUNTED
281-001	STANDARD BATTERY JUMPERS
282-042	LH BATTERY BOX MOUNTED AS FAR AFT AS POSSIBLE, NO GREATER THAN 60 INCHES BACK OF CAB
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN
289-001	NON-POLISHED BATTERY BOX COVER



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Data Code	Description
293-060	POSITIVE LOAD DISCONNECT WITH CAB MOUNTED CONTROL SWITCH WITH LOCKING PROVISION MOUNTED OUTBOARD DRIVER SEAT
295-029	POSITIVE AND NEGATIVE POSTS FOR JUMPSTART LOCATED ON FRAME NEXT TO STARTER
107-032	CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE
152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM
016-1C2	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE
28F-002	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH
239-200	INTEGRATED STACK AND B-PILLAR PIPE WITH MINIMUM STAKC PROTRUSION ABOVE CAB
237-1CR	RH CURVED VERTICAL TAILPIPE B-PILLAR MOUNTED ROUTED FROM STEP
23U-001	6 GALLON DIESEL EXHAUST FLUID TANK
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL
23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP
242-011	ALUMINUM AFTERTREATMENT DEVICE/MUFFLER/TAILPIPE SHIELD(S)
273-018	HORTON DRIVEMASTER ON/OFF FAN DRIVE
276-001	AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED
110-003	CUMMINS SPIN ON FUEL FILTER
118-008	COMBINATION FULL FLOW/BYPASS OIL FILTER
266-017	1300 SQUARE INCH ALUMINUM RADIATOR
103-036	ANTIFREEZE TO -34F, ETHYLENE GLYCOL PRE-CHARGED SCA HEAVY DUTY COOLANT
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES
270-016	RADIATOR DRAIN VALVE



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Data Code	Description
360-013	1350 ADAPTER FLANGE FOR FRONT PTO PROVISION
132-004	ELECTRIC GRID AIR INTAKE WARMER
155-058	DELCO 12V 38MT HD STARTER WITH INTEGRATED MAGNETIC SWITCH

Transmission

342-582	ALLISON 3000 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION
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Transmission Equipment

343-339	ALLISON VOCATIONAL PACKAGE 223 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH AND TRV
84B-012	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES
84C-023	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY
84D-023	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY
353-022	VEHICLE INTERFACE WIRING WITH BODY BUILDER CONNECTOR MOUNTED BACK OF CAB, NO BLUNT CUTS
34C-001	ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR FIREWALL MOUNTED
362-035	CUSTOMER INSTALLED CHELSEA 277 SERIES PTO
363-001	PTO MOUNTING, LH SIDE OF MAIN TRANSMISSION
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN
345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED
97G-004	TRANSMISSION PROGNOSTICS - ENABLED 2013
370-015	WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK
346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)

Front Axle and Equipment



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Data Code	Description
400-1BB	DETROIT DA-F-20.0-5 20,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE
402-030	MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES
403-002	NON-ASBESTOS FRONT BRAKE LINING
419-023	CONMET CAST IRON FRONT BRAKE DRUMS
409-021	SKF SCOTSEAL PLUS XL FRONT OIL SEALS
408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES
405-003	HALDEX AUTOMATIC FRONT SLACK ADJUSTERS
406-001	STANDARD KING PIN BUSHINGS
536-055	TRW THP-60 POWER STEERING WITH RCH45 AUXILIARY GEAR
539-003	POWER STEERING PUMP
534-003	4 QUART POWER STEERING RESERVOIR
533-001	OIL/AIR POWER STEERING COOLER
40T-001	ORGANIC SAE 80/90 FRONT AXLE LUBE
Front Suspension	
620-006	20,000# FLAT LEAF FRONT SUSPENSION
619-004	GRAPHITE BRONZE BUSHINGS WITH SEALS - FRONT SUSPENSION
410-001	FRONT SHOCK ABSORBERS
Rear Axle and Equipment	
420-103	RT-46-160 46,000# R-SERIES TANDEM REAR AXLE
421-538	5.38 REAR AXLE RATIO
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING
386-076	MXL 17N MERITOR EXTENDED LUBE MAIN DRIVELINE WITH FULL ROUND YOKES
388-073	MXL 17T MERITOR EXTENDED LUBE INTERAXLE DRIVELINE WITH HALF ROUND YOKES
878-019	(1) INTERAXLE LOCK VALVE FOR TANDEM OR TRIDEM DRIVE AXLES
87A-001	BLINKING LAMP WITH EACH MODE SWITCH, INTERAXLE UNLOCK DEFAULT WITH IGNITION OFF
423-020	MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES



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Data Code	Description
433-002	NON-ASBESTOS REAR BRAKE LINING
434-003	STANDARD BRAKE CHAMBER LOCATION
451-023	CONMET CAST IRON REAR BRAKE DRUMS
440-021	SKF SCOTSEAL PLUS XL REAR OIL SEALS
426-099	HALDEX GOLDSEAL LONGSTROKE HEAVY DUTY 30/36 2-DRIVE AXLES SPRING PARKING CHAMBERS
428-003	HALDEX AUTOMATIC REAR SLACK ADJUSTERS
41T-001	ORGANIC SAE 80/90 REAR AXLE LUBE
Rear Suspension	
622-1CJ	HENDRICKSON RT463 REAR SUSPENSION @ 46,000#
621-016	HENDRICKSON RT/RTE - 7.19" SADDLE
431-001	STANDARD U-BOLT PAD
624-009	54 INCH AXLE SPACING
628-005	STEEL BEAMS AND BRONZE CENTER BUSHINGS WITH BAR PIN ADJUSTABLE END CONNECTIONS
623-005	FORE/AFT CONTROL RODS
Brake System	
490-100	WABCO 4S/4M ABS WITHOUT TRACTION CONTROL
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES
904-001	FIBER BRAID PARKING BRAKE HOSE
412-001	STANDARD BRAKE SYSTEM VALVES
46D-002	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM
413-002	STD U.S. FRONT BRAKE VALVE
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE
480-083	WABCO SS-1200 PLUS AIR DRYER WITH INTEGRAL AIR GOVERNOR AND HEATER
479-024	AIR DRYER MOUNTED OUTBOARD ON RH RAIL BACK OF CAB, MIXIMUM 20 INCHES BACK OF CAB PROTURSION
460-097	STEEL AIR BRAKE RESERVOIRS MOUNTED PERPENDICULAR RH UNDER CAB AND AFT AS POSSIBLE FOR REMAINING TANKS
607-001	CLEAR FRAME RAILS FROM BACK OF CAB TO FRONT REAR SUSPENSION BRACKET, BOTH RAILS OUTBOARD
477-001	PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS



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Data Code	Description
485-045	METALLIC AIR MANIFOLD MOUNTED TO BACK OF CAB CROSSMEMBER WITH SIX 1/4 INCH FITTINGS AND 70 PSI PROTECTION VALVE
Trailer Connections	
335-004	UPGRADED CHASSIS MULTIPLEXING UNIT
Wheelbase & Frame	
545-670	6700MM (264 INCH) WHEELBASE
546-102	7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI
547-001	1/4 INCH (6.35MM) C-CHANNEL INNER FRAME REINFORCEMENT
552-014	1900MM (75 INCH) REAR FRAME OVERHANG
55W-007	FRAME OVERHANG RANGE: 71 INCH TO 80 INCH
549-036	12 INCH INTEGRAL FRONT FRAME EXTENSION
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 180.54 in
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 177.54 in
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 378.68
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 180.54 in
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 100.69 in
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 148.68 in
553-001	SQUARE END OF FRAME
550-001	FRONT CLOSING CROSSMEMBER
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)
572-001	STANDARD REARMOST CROSSMEMBER
565-001	STANDARD SUSPENSION CROSSMEMBER
Chassis Equipment	
556-997	OMIT FRONT BUMPER, CUSTOMER INSTALLED SPECIAL BUMPER, DOES NOT COMPLY WITH FMCSR 393.203
551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS
606-IU5	DRILLING PREP VOR VAC CON PER DRAWIG #670-30020 REV
Fuel Tanks	
204-156	100 GALLON/378 LITER ALUMINUM FUEL TANK - LH



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Data Code	Description
218-006	25 INCH DIAMETER FUEL TANK(S)
215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS
212-007	FUEL TANK(S) FORWARD
664-002	POLISHED STEP FINISH
205-002	CHROME FUEL TANK CAP(S)
122-075	ALLIANCE FUEL FILTER/WATER SEPARATOR
216-020	EQUIFLO INBOARD FUEL SYSTEM
20E-004	AUXILIARY FUEL SUPPLY AND RETURN PORTS LOCATED ON LH FUEL TANK
202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE
Tires	
093-1X7	GOODYEAR G296 MSA 425/65R22.5 20 PLY RADIAL FRONT TIRES
094-1R6	GOODYEAR G661 HSA 11R22.5 14 PLY RADIAL REAR TIRES (MATCH MARKED)
Hubs	
418-056	CONMET PRESET PLUS IRON FRONT HUBS
450-056	CONMET PRESET PLUS IRON REAR HUBS
Wheels	
502-1H5	ALCOA LVL ONE 82462X 22.5X12.25 10-HUB PILOT 4.88 INSET 10-HAND ALUMINUM DISC FRONT WHEELS
505-524	MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 2-HAND STEEL DISC REAR WHEELS
Cab Exterior	
829-1A2	114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
650-008	AIR CAB MOUNTS
648-002	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE
754-002	3-1/2 INCH FENDER EXTENSIONS
678-001	LH AND RH GRAB HANDLES
646-041	STATIONARY BLACK GRILLE
65X-004	BLACK HOOD MOUNTED AIR INTAKE GRILLE
644-004	FIBERGLASS HOOD
727-1AH	SINGLE 14 INCH ROUND POLISHED AIR HORN ROOF MOUNTED
726-001	SINGLE ELECTRIC HORN
728-001	SINGLE HORN SHIELD



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Data Code	Description
657-001	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME
575-001	REAR LICENSE PLATE MOUNT END OF FRAME
312-068	HALOGEN COMPOSITE HEADLAMPS WITH BLACK BEZELS
302-047	LED AERODYNAMIC MARKER LIGHTS
294-1A6	GROTE#54332 LED STOP TAIL TURN LIGHTS GROMMET MOUNTED WITH SEPARATE GROTE #62401 LED BACKUP LIGHTS
300-015	STANDARD FRONT TURN SIGNAL LAMPS
744-1BH	DUAL WEST COAST MOLDED-IN COLOR MIRRORS
797-001	DOOR MOUNTED MIRRORS
796-001	102 INCH EQUIPMENT WIDTH
743-1AP	LH AND RH 8 INCH MOLDED-IN COLOR CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS
729-001	STANDARD SIDE/REAR REFLECTORS
677-998	NO CAB MOUNTED STEPS
768-043	63X14 INCH TINTED REAR WINDOW
681-003	TINTED DOOR GLASS LH AND RH WITH TINTED NON-OPERATING WING WINDOWS
654-003	MANUAL DOOR WINDOW REGULATORS
663-013	TINTED WINDSHIELD
659-006	8 LITER WINDSHIELD WASHER RESERVOIR, CAB MOUNTED, WITH FLUID LEVEL INDICATOR

Cab Interior

707-1AK	OPAL GRAY VINYL INTERIOR
706-013	MOLDED PLASTIC DOOR PANEL
708-013	MOLDED PLASTIC DOOR PANEL
772-006	BLACK MATS WITH SINGLE INSULATION
785-001	DASH MOUNTED ASH TRAYS AND LIGHTER
691-008	FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING
742-007	(2) CUP HOLDERS LH AND RH DASH
680-007	GRAY/CHARCOAL WING DASH
720-002	2-1/2 LB. FIRE EXTINGUISHER
700-002	HEATER, DEFROSTER AND AIR CONDITIONER
701-001	STANDARD HVAC DUCTING
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH
170-015	STANDARD HEATER PLUMBING



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Data Code	Description
130-033	DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR
702-002	BINARY CONTROL, R-134A
739-033	STANDARD INSULATION
285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM
324-014	DOME LIGHT WITH 3-WAY SWITCH ACTIVATED BY LH AND RH DOORS
655-001	CAB DOOR LATCHES WITH MANUAL DOOR LOCKS
284-023	(1) 12 VOLT POWER SUPPLY IN DASH
722-002	TRIANGULAR REFLECTORS WITHOUT FLARES
756-1J3	BASIC HIGH BACK AIR SUSPENSION DRIVER SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION
760-1DC	BASIC HIGH BACK NON SUSPENSION PASSENGER SEAT
711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS
758-036	VINYL WITH VINYL INSERT DRIVER SEAT
761-033	VINYL WITH CLOTH INSERT PASSENGER SEAT
763-032	3 POINT FIXED D-RING RETRACTOR DRIVER AND PASSENGER SEAT BELTS
532-001	FIXED STEERING COLUMN
540-015	4-SPOKE 18 INCH (450MM) STEERING WHEEL
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS

Instruments & Controls

732-004	GRAY DRIVER INSTRUMENT PANEL
734-004	GRAY CENTER INSTRUMENT PANEL
87L-003	ENGINE REMOTE INTERFACE WITH PARK BRAKE AND NEUTRAL INTERLOCKS
870-001	BLACK GAUGE BEZELS
486-001	LOW AIR PRESSURE LIGHT AND BUZZER
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES
198-025	INTAKE MOUNTED AIR RESTRICTION INDICATOR WITHOUT GRADUATIONS
721-001	97 DB BACKUP ALARM
149-017	ELECTRONIC CRUISE CONTROL WITH SWITCHES ON AUXILIARY GAUGE PANEL (B DASH PANEL)



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Data Code	Description
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY
811-011	ODOMETER/TRIP/HOUR/DIAGNOSTIC/VOLTAGE DISPLAY: 1X7 CHARACTER, 26 WARNING LAMPS, DATA LINKED, ICU3
160-025	DIAGNOSTIC INTERFACE CONNECTOR, 9 PIN, SAE J1939, LOCATED BELOW DASH
844-001	2 INCH ELECTRIC FUEL GAUGE
148-071	ENGINE REMOTE INTERFACE WITH INCREMENT/DECREMENT
163-001	ENGINE REMOTE INTERFACE CONNECTOR AT BACK OF CAB
33U-004	PREWIRE PACKAGE FOR VAC CON CONTROL MODULE AND CHASSIS INTERFACE
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE
864-005	TRANSMISSION OIL TEMPERATURE INDICATOR LIGHT
830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY
372-051	CUSTOMER FURNISHED AND INSTALLED PTO CONTROLS
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE
746-1A9	AM/FM RADIO WITH FRONT AND REAR AUXILIARY INPUTS AND J1939
747-001	DASH MOUNTED RADIO
750-002	(2) RADIO SPEAKERS IN CAB
753-001	AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF
810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER
812-001	ELECTRONIC 3000 RPM TACHOMETER
813-998	NO MPH AND/OR RPM GRAPH
162-018	IGNITION SWITCH CONTROLLED ENGINE STOP WITH CONTROL MOUNTED AT FIREWALL
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY
660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY
304-001	MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH
882-009	ONE VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR



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Data Code	Description
299-013	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE
298-039	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS

Design

065-000 PAINT: ONE SOLID COLOR

Color

980-3F8 CAB COLOR A: N0225EA WHITE ELITE SS
 986-020 BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT
 966-962 MAXION WHEELS W POWDER WHITE (N0006EA) REAR WHEELS/RIMS

Certification / Compliance

996-001 U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS

Secondary Factory Options

998-001 CORPORATE PDI CENTER IN-SERVICE ONLY

Extended Warranty

WAG-053 TOWING EXTENDED/ROADSIDE SERVICE WARRANTY, 2 YEAR/UNLIMITED MILES/KM, \$550 CAP





FLORIDA SHERIFFS ASSOCIATION & FLORIDA ASSOCIATION OF COUNTIES

52,000 LB. GVWR CAB & CHASSIS - 4X6 TANDEM AXLE TRUCK SPECIFICATION #14

2015 Caterpillar CT660
2015 Crane Carrier COE2
2015 Freightliner M2-112
2015 International Workstar
2015 Kenworth T800
2015 Mack C or G Series
2015 Peterbilt 567
2015 Volvo V Series
2015 Western Star 4700

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. **ENGINE:**

- a. 350 HP 6 cylinder diesel engine, manufacturer's 11L minimum

2. **TRANSMISSION & CLUTCH:**

- a. The following or approved equivalents are acceptable:
- b. Fuller 14210B 10 Speed Manual with OD

3. **ENGINE EQUIPMENT:**

- a. Alternator – 12 volt 100A
- b. Premium engine hoses
- c. Injection pump – electronic engine control
- d. Radiator – aluminum core
- e. Air restriction monitor – intake mounted

4. **CAB:**

- a. Cab – welded steel galvanized or aluminum shell with rust preventative coating.
- b. Floor covering – black rubber mats
- c. Seating – driver air suspension mid back, passenger fixed mid back.
- d. Steering wheel – 18" two spoke
- e. Standard air conditioning and heating

5. **FRAME:**

- a. Frame – steel construction matched to GVW and mounted body of truck.
- b. Wheelbase – 187"
- c. Front bumper – painted steel
- d. Fuel tank – 70 gallon, minimum
- e. Air dryer – Bendix AD9 heated, or approved equivalent.

6. **SAFETY:**

- a. Horn – single air trumpet
- b. Mirrors – West Coast to include 7.5" convex mounted to lower mirror bracket.
- c. Brakes – "S" cam type 16.5" x 5" Q + front and 16.5" x 7" Q + rear with anti-lock without automatic traction control, or approved equivalent.
- d. Slack adjusters – Haldex automatic front and rear.
- e. Daytime running lights.
- f. Backup alarm

7. FRONT AXLE:

- a. Front axle – 12,000 lb.
- b. Front wheels – steel 10 hole hub piloted
- c. Front tires – 11R22.5 Goodyear G397LHS, steer or approved equivalent.
- d. Front hubs – Ferrous, or approved equivalent.
- e. Oil type with synthetic lube

8. REAR AXLE:

- a. Rear axle – 40,000 lb.
- b. Rear wheels – steel 10 hole hub piloted
- c. Rear tires – 11R22.5 Goodyear G124 unisteeel traction or approved equivalent.
- d. Hubs – Ferrous, or approved equivalent.
- e. Power divider with warning light and buzzer (includes in cab control)

9. ELECTRICAL:

- a. Circuit protection – fuses except headlamp and wiper circuits which utilize circuit breakers.
- b. Hand throttle – electronic hand throttle operated through cruise control when in PTO mode only.
- c. Engine protection – engine shut down system monitoring high water temp, low oil pressure, high exhaust temp, high transmission temp.



FLORIDA SHERIFFS ASSOCIATION & FLORIDA ASSOCIATION OF COUNTIES

52,000 LB. GVWR CAB & CHASSIS - 4X6 TANDEM AXLE TRUCK SPECIFICATION #14

2015 Freightliner M2-112

The Freightliner M2-112 purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and FSA'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:	★ Western	★ Northern	★ Central	★ Southern
BASE PRICE:	\$60,982.00	\$60,982.00 ★	\$60,982.00	\$60,982.00

While the Florida Sheriffs Association and Florida Association of Counties have 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:	M2-112			
DEALER:	LOU BACHRODT FREIGHTLINER	LOU BACHRODT FREIGHTLINER	LOU BACHRODT FREIGHTLINER	LOU BACHRODT FREIGHTLINER
ZONE:	★ Western	★ Northern	★ Central	★ Southern
BASE PRICE:	\$60,982.00	\$60,982.00	\$60,982.00	\$60,982.00

Order Code	Delete Options	All Zones
	Engine/transmission - specify	NA
	Engine/transmission - specify	NA
	Engine/transmission - specify	NA
	Engine/transmission - specify	NA

Order Code	Add Options	All Zones
101-2TX ¹	Engine upgrade - specify 380HP DD13 ¹	\$290.00 ¹
101-2TF 370-015 ¹	Engine upgrade - specify 435HP DD13 ¹	\$790.00 ¹
101-2TI 342-416 370-015 ¹	Engine upgrade - specify 450HP DD13 ¹	\$1,150.00 ¹
	Engine upgrade - specify	NA
	Engine upgrade - specify	NA
	Transmission upgrade - specify	NA
	Transmission upgrade - specify	NA
	Transmission upgrade - specify	NA
	Transmission upgrade - specify	NA
	Transmission upgrade - specify	NA
	Transmission upgrade - specify	NA
58-GVW ¹	58,000 lb. GVWR package 114 SD CAB 435 HP DD13 ENG ALLISON 4500 AUTO TRANS AND ALL OPTIONS LISTED BELOW 001-177 101-2TF 124-1E6 292-072 016-1C0 342-1M3 400-1AB 402-031 620-013 420-074 386-019 388-012 423-024 426-099 622-1E8 546-1B2 547-001 204-152 093-1Y1 094-2JA 502-574 754-002 756-1J3 760-1J3 721-003 746-1A9 ¹	\$48,900.00 ¹
64-GVW ¹	64,000 lb. GVWR package 114SD CAB 410HP DD13 ENG ALLISON 4500 AUTO TRANS AND ALL OPTION CODES LISTED--001-177 101-2TF 124-1E6 292-072 016-1C8 342-1M3 400-1AB 402-031 427-001 40T-003 620-013 420-059 423-024 426-099 425-002 428-003 41T-003 622-1E7 546-1B2 547-001 206-152 204-152 093-1Y1 094-2JA 502-574 756-1J3 760-1J3 746-1A9 ¹	\$50,900.00 ¹ ✱
	GVWR upgrade - specify	NA
	GVWR upgrade - specify	NA
	GVWR upgrade - specify	NA
	GVWR upgrade - specify	NA
	GVWR upgrade - specify	NA
	Bi-fuel model - specify	NA
CNG-FACTORY ¹	CNG prep - specify FACTORY CNG PCK-001-175 101-2J7 124-1DJ 342-584 402-049 420-1K3 424-003 41T-002 386-011 388-012 423-020 622-1CH 480-047 546-101 230-063 220-008 093-1G4 094-1G4 690-017 727-1AH 71T-002 739-034 756-1J3 746-1B3 OPTIONAL ISX CNG 12 LITRE ENGINE REQUIRES THESE CODES 001-230 101-2W3 342-1M3 400-095 402-049 420-103 622-199 546-101 230-075 231-008 220-008 216-059 202-020 71T-002 811-041 \$69500.00 ADDITIONAL= AVAILABLE 1ST QUARTER 2015 ¹	\$77,500.00 ¹
	CNG conversion (discuss with dealer)	NA

VEHICLE:	M2-112			
DEALER:	LOU BACHRODT FREIGHTLINER	LOU BACHRODT FREIGHTLINER	LOU BACHRODT FREIGHTLINER	LOU BACHRODT FREIGHTLINER
ZONE:	★ Western	★ Northern	★ Central	★ Southern
BASE PRICE:	\$60,982.00	\$60,982.00	\$60,982.00	\$60,982.00

	LPG conversion (discuss with dealer)	NA
204-152 206-152 ¹	Dual fuel tanks, or equivalent <i>DUAL 70 GALLON¹</i>	\$950.00 ¹
	Nitrogen filled tires including spare tire	NA
342-1M1 ¹	Allison 400RDS Auto Transmission to include synthetic oil, TES 295 or approved equivalent	\$20,300.00 ¹
342-1M3 ¹	Allison 450RDS Auto Transmission to include synthetic oil, TES 295 or approved equivalent	\$21,400.00 ¹
546-102 547-001 ¹	Double Frame: full steel insert	\$990.00 ¹
	Front Axle: 14,000 lb rating to include equal capacity steering gear and springs	NA
400-1A8 620-003 ¹	Front Axle: 14,600 lb rating to include equal capacity steering gear and springs <i>14,700# FRT AXLE AND 14,600# FRT SUSP¹</i>	\$1,190.00 ¹
400-1AA 620-026 ¹	Front Axle: 16,000 lb rating to include equal capacity steering gear and springs	\$2,800.00 ¹
	Front Axle: 18,000 lb rating to include equal capacity steering gear and springs	NA
	Front Axle: 20,000 lb. rating to include equal capacity steering gear and springs	NA
420-059 ¹	Rear Axle: 46,000 lb Arvin Meritor, Eaton, Mack, or equivalent	\$4,700.00 ¹
	Rigid Lift Axle: Pusher / Tag 13,200 lb rating air lift to include 11R-22.5 tires with steel wheels	NA
DLR-13PT ¹	Steerable Lift Axle: Pusher / Tag 13,200 lb rating air lift to include 11R-22.5 tires with steel wheels <i>DEALER INSTALLED¹</i>	\$14,900.00 ¹
DLR-20PT ¹	Rigid Lift Axle: Pusher / Tag 20,000 lb rating air lift to include 11R-22.5 tires with steel wheels <i>DEALER INSTALLED¹</i>	\$16,900.00 ¹
	Steerable Lift Axle: Pusher / Tag 20,000 lb rating air lift to include 11R-22.5 tires with steel wheels	NA
622-218 ¹	Rear Suspension: 40,000 lb air ride	\$390.00 ¹
622-1E7 ¹	Rear Suspension: 46,000 lb Chalmers, Hendrickson, Mack, Volvo "T" ride or equivalent <i>REQUIRES 46,000# REAR AXLE¹</i>	\$3,700.00 ¹
622-108 ¹	Rear Suspension: 46,000 lb air ride <i>REQUIRES 46,000# REAR AXLE¹</i>	\$1,390.00 ¹
12 YD DUMP ¹	12 yd. dump body with hoist and electric tarp system. State model bid. <i>12 YD DUMP BODY GAR-P-WARREN-KNAPHEID-GODWIN-OX ADD CONVEYOR SYSTEM \$14800¹</i>	\$23,900.00 ¹
18 YD DUMP ¹	18 yd. dump body with hoist and electric tarp system. State model bid. <i>18 YD DUMP BODY GAR-P-WARREN-KNAPHEID-GODWIN-OX ADD CONVEYOR SYSTEM \$14800¹</i>	\$25,900.00 ¹
ROLL OFF HOIST ¹	Rolloff hoist system and tarp system. State model bid. <i>GALBREATH US-OR-174 WITH AUTO TARP SYSTEM¹</i>	\$52,400.00 ¹
	Cab suspension - air ride	Std
452-006 ¹	Driver controlled differential lock <i>BOTH REAR AXLES¹</i>	\$1,390.00 ¹
SEWER CLEANER PREP PACKAGE ¹	Optional mounted body - specify <i>SEWER CLEANER PREP PCK 64000 GVW AUTO TRANS 350 HP¹</i>	\$54,900.00 ¹

VEHICLE:	M2-112			
DEALER:	LOU BACHRODT FREIGHTLINER	LOU BACHRODT FREIGHTLINER	LOU BACHRODT FREIGHTLINER	LOU BACHRODT FREIGHTLINER
ZONE:	★ Western	★ Northern	★ Central	★ Southern
BASE PRICE:	\$60,982.00	\$60,982.00	\$60,982.00	\$60,982.00

28 TON CRANE ¹	Optional mounted body - specify TEREX 28 TON CRANE REQUIRES 64000 GVW PACK ¹	\$168,000.00 ¹
23.5 TON CRANE ¹	Optional mounted body - specify TEREX 23.5 TON CRANE REQUIRES 64000 GVW PACK ¹	\$138,000.00 ¹
26 TON CRANE ¹	Optional mounted body - specify NATIONAL 26 TON CRANE REQUIRES 64000 GVW PACK ¹	\$199,500.00 ¹
4000 GAL VAC TANKER ¹	Optional mounted body - specify 4000 GALLON ALUM VAC TANKER REQUIRES 64000 GVW PCK. ADD \$18900 FOR HOIST SETUP ADD \$9750 FOR FULL OPEN REAR DOOR. ¹	\$77,900.00 ¹
4000 GAL WATER TANKER ¹	Optional mounted body - specify 4000 GALLON STEEL WATER TANKER REQUIRES 64000 GVW PCK ADD ON OPTIONS. PUMP B4ZKRS \$1650 HYD DRIVE SYSTEM W/COOLER \$5450 SPRAY HEAD EACH SIDE \$1475 EXTEND REAR SILL W/PLATFORM \$750 SELF LOAD SYSTEM \$1240 WHELAN TA 1660LS ARROW BOARD \$4800 WHELAN 4 STROBE SYSTEM \$760 18X18 TOOL BOX \$980 ELHARD SIDE WINDER WATER MONITOR WITH JOYSTICKS\$6400 ALUM UPGRADE \$9850 SS UPGRADES \$13800 ¹	\$62,800.00 ¹
4000 FUEL TANKER ¹	Optional mounted body - specify 4000 GALLON FUEL TANKER REQUIRES 64000 GVW PCK ¹	\$81,900.00 ¹
REAR LOADER ¹	Optional mounted body - specify 25-28 YD REAR LOADER REFUSE BODY REQUIRES 64000 GVW PCK ADD \$6800 PER CART TIPPER ¹	\$92,500.00 ¹
32 YD REAR LOADER ¹	Optional mounted body - specify 32 YD REAR LOADER REFUSE BODY REQUIRES 64000 GVW PCK \$6800 PER CART TIPPER ¹	\$97,800.00 ¹
16 FT ALUM DUMP ¹	Optional mounted body - specify 16 FT ALUM DUMP BODY REQUIRES 64000 GVW PCK ¹	\$36,900.00 ¹
ZIMMERMAN MIXER ¹	Optional equipment - specify ZIMMERMAN CONCRETE MIXER MOBILE REQUIRES 64000 GVW PCK ¹	\$114,600.00 ¹
CEMEN TECH MIXER ¹	Optional equipment - specify CEMEN TECH CONCRETE MIXER REQUIRES 64000 GVW PCK ¹	\$107,500.00 ¹
STELLAR HOOK LIFT ¹	Optional equipment - specify STELLAR 65K HOOK LIFT REQUIRES 64000 GVW PCK FOR GALBREATH 60K HOOK LIFT ADD \$2800 ¹	\$55,800.00 ¹
GALFAB ROLL OFF ¹	Optional equipment - specify GALFAB ROLL OFF HOIST 60K REQUIRES 64000 GVW PCK FOR PALFINGER ARO 60 22 IC ROLL OFF ADD \$6800 ¹	\$51,800.00 ¹
PETERSEN PL3 ¹	Optional equipment - specify PETERSEN PL3 BASE ROLLOFF SKID LOADER W/WALKTHROUGH CONTROLS AND 1824 BODY. FOR 2026 CY BODY ADD \$8900 QUADSTICK CONTROLS ADD \$3200 HD SWING MOTOR ADD\$2950 PI SELF WINDING LOAD COVER ADD \$950 HDHI OUTRIGGER STROBES HD HIGH INTENSITY ADD \$400 DOES NOT INCLUDE A ROLL OFF HOIST. ¹	\$65,800.00 ¹
PETERSEN BL3 ¹	Optional equipment - specify BL3 BASE LOADER FOR ROLL OFF W/WALK THROUGH CONTROLS (60,000 LBS GVW) REQUIRES 64000 GVW PCK. QUADSTICK CONTROLS ADD \$3200 HD SWING MOTOR INCLUDED HDHI OUTRIGGER STROBES ADD \$400 DOES NOT INCLUDE ROLL OFF HOIST. ¹	\$58,000.00 ¹
20-24 FT TRASH BODY ¹	Optional equipment - specify 20-24 FT TRASH DUMP BODY REQUIRES 64000 GVW PCK ¹	\$28,900.00 ¹
HEIL 38 YD RECYCLE BODY ¹	Optional equipment - specify HEIL 38 YD RECYCLE BODY REQUIRES 64000 GVW PCK ¹	\$116,800.00 ¹

VEHICLE:	M2-112			
DEALER:	LOU BACHRODT FREIGHTLINER	LOU BACHRODT FREIGHTLINER	LOU BACHRODT FREIGHTLINER	LOU BACHRODT FREIGHTLINER
ZONE:	★ Western	★ Northern	★ Central	★ Southern
BASE PRICE:	\$60,982.00	\$60,982.00	\$60,982.00	\$60,982.00

OILMANS ¹	Optional equipment - specify <i>OILMANS 4400 GAL PETROLEUM PRODUCTS TANK WITH 3 COMPARTMENTS REQUIRES 64000 GVW PCK¹</i>	\$114,800.00 ¹
EPSILON LOADER ¹	Optional equipment - specify <i>EPSILON TRASH LOADER AND CRANE REQUIRE 64000 GVW PCK¹</i>	\$89,800.00 ¹
AUTOMATED SIDE LOADER ¹	Optional equipment - specify <i>AUTOMATED SIDE LOADER REQUIRES 64000 GVW PCK¹</i>	\$139,500.00 ¹
PRO PATCH TCM ¹	Optional equipment - specify <i>TCM 500-120-DHE 5CY YD. FOR TCM 600-120-DHE 6CU YD ADD \$3900. FOR TCM 500-80-DHED 5CU YD ADD \$1250¹</i>	\$97,500.00 ¹
TEREX DIGGER DERRICK ¹	Optional equipment - specify <i>GENERAL DIGGER DERRICK REQUIRES 64000 GVW PACK¹</i>	\$198,500.00 ¹
PRENTIC LOADER ¹	Optional equipment - specify <i>PRENTICE LOADER 2124 REQUIRES 66000 GVW PACKAGE¹</i>	\$86,800.00 ¹
HEIL AUTOMATED LOADER ¹	Optional equipment - specify <i>HEIL AUTOMATED SIDE LOADER. ADD \$6900 FOR AUTO LUBE SYSTEM FOR AUTOMATED ARM.¹</i>	\$137,400.00 ¹
DLR-TT ¹	Temporary tag	NC ¹
DLR-TER ¹	Transfer existing registration (must provide tag number)	\$100.00 ¹
	New state tag (specify state, county, city, sheriff, etc.)	NA
	Maintenance Plan - specify	NA
	Maintenance Plan - specify	NA
	Maintenance Plan - specify	NA
WBG-010 ¹	Warranty - specify <i>3 YEARS 200,000 MILE BASIC CHASSIS WARRANTY DOES NOT COVER ENGINE OR ALLISON TRANSMISSION¹</i>	\$1,815.00 ¹
WBG-018 ¹	Warranty - specify <i>4 YEARS 200,000 MILE BASIC CHASSIS WARRANTY, DOES NOT COVER ENGINE OR ALLISON AUTO TRANSMISSION¹</i>	\$2,710.00 ¹
WBG-025 ¹	Warranty - specify <i>5 YEARS 200,000 MILE BASIC CHASSIS WARRANTY, DOES NOT COVER ENGINE OR ALLISON TRANSMISSION¹</i>	\$3,780.00 ¹
WAI-3PW ¹	Diesel Warranty - specify <i>DD13 ENGINE 3 YEARS 300,000 MILES 0 DEDUCTABLE¹</i>	\$1,650.00 ¹
WAI-3RN ¹	Diesel Warranty - specify <i>DD13 ENGINE 4 YEARS 400,000 MILES 0 DEDUCTABLE¹</i>	\$3,100.00 ¹
WAI-3R7 ¹	Diesel Warranty - specify <i>DD13 ENGINE 5 YEARS 500,000 MILES 0 DEDUCTABLE¹</i>	\$4,975.00 ¹