



Bid Number 50-00117338

**PURCHASE OF COMBINATION VACUUM SEWER CLEANER TRUCK FOR
THE JEFFERSON PARISH DEPARTMENT OF PUBLIC WORKS**

BID DUE: AUGUST 25, 2016 AT 2:00 PM

ATTENTION VENDORS!!!

**Please review all pages and respond accordingly, complying with all provisions
in the technical specifications and Jefferson Parish Instructions for Bidders and
General Terms and Conditions. All bids must be received in the Purchasing
Department by the bid due date and time.**

**Jefferson Parish Purchasing Department
200 Derbigny Street
General Government Building, Suite 4400
Gretna, LA 70053**

**Buyer Name: Misty A. Camardelle
Buyer Email: mcamardelle@jeffparish.net
Buyer Phone: 504-364-2683**



JEFFERSON PARISH

Department of Purchasing

Michael S. Yenni
Parish President

Brenda J. Campos
Director

CHANGES TO JEFFERSON PARISH BIDDING PROCEDURES

Bidders should carefully read and must respond accordingly per the requirements of the bid packages.

Effective August 1, 2016, please be advised:

- Affidavits (Non-Public Works Affidavit or Public Works Affidavit) – as you are aware, bidders are required to submit affidavits pursuant to LA public bid law and Jefferson Parish Code of Ordinances. Bidders must read each bid package to ensure compliance. Effective August 1st, ***affidavits are required with bid submission***. While copies are acceptable to include with bid submission, original affidavits are required upon contract execution. Original affidavits are encouraged with bid submission.
- Current W9 Forms and vendor applications may be submitted at any time; however, if your company is not registered and/or a current W-9 form is not on file, a current W-9 form must be supplied upon contract execution, should you be awarded a contract and/or issued a purchase order.
- Upon contract execution, successful bidder must continue producing final insurance certificates per standard Jefferson Parish insurance requirements. Proof of insurance is required for bidding purposes. Bidders must read the insurance requirements attachment included in each bid package for specific instructions.

These changes are pursuant Louisiana Public Bid Law more specifically, Act 406 of the 2016 Louisiana Legislative Regular Session. For the purposes of this communication, this change applies to Jefferson Parish Government bid solicitations only. For more information, please call Jefferson Parish Purchasing at 504-364-2678.

PURCHASE OF COMBINATION VACUUM SEWER CLEANER TRUCK FOR THE JEFFERSON PARISH DEPARTMENT OF PUBLIC WORKS

GENERAL

The machine shall be capable of removing stones, grit, grease, sludge and other debris from sanitary sewer and/or storm drain lines by the flushing action of high-pressure water. The high-pressure sewer cleaner operates independent of the vacuum system. This unit shall have a total minimum 590 Horse Power.

The machine shall include an air conveying vacuum system to provide for the simultaneous removal of the debris flushed to the manhole by the high-pressure water system or for the removal of debris from sewers, sumps, catch basins, digesters, wet wells, bar screens, etc.

The machine shall be capable of being operated by one man, with all operating controls for high-pressure water pump, hose reel, and vacuum, located at the front of the machine for safety.

LOUISIANA DEALER'S LICENSE

In accordance with LA RS 32:1254 et seq and LA RS 38:2212.8, a Louisiana State Dealer's License is required. All bidders must provide a copy of their valid Louisiana Dealer's License with their bid submission. Failure to submit this copy will result in bid rejection.

DEBRIS BODY

Debris storage body has a minimum usable liquid capacity of 9 cubic yards. The debris body shall be round for maximum strength and constructed of 3/16 inch ASTM A242 Corten A steel for enhanced corrosion resistance.

The rear door shall be dished and flanged for maximum strength, full opening, hinged at the top with low profile and adjustable style hinges.

There shall be a 6" diameter liquid drain valve, "knife valve type" and screen weldment inside for removing excess liquids. Drain will have 10 feet of 6 inch lay flat hose.

A rear door safety prop shall be provided. For ease of maintenance there shall be no hydraulic components located inside the debris body or rear door.

Hydraulic operated, heavy duty wedge style door locks shall be installed. The door locks shall be operated by two double acting hydraulic cylinders. The rear door shall also hydraulically

open and close (raise and lower) by means of two double acting hydraulic cylinders. The unlocking-opening and the closing-locking operations shall be controlled by a single switch and sequence valve.

Dual steel weldments with stainless steel screen 8" x 28" each providing up to 1200 square inches of added filtration for the vacuum system shall be provided inside the debris tank. These weldments shall be removable and require no cutting or welding.

A double acting power up/power down hydraulic scissors lift mechanism will be provided to raise body to a minimum 60 degree angle. The scissors lift mechanism shall be designed to support a minimum of 24 inches of the debris tank width to provide stability and when dumping on uneven ground. The lift capacity of hydraulic scissors lift cylinder is 56,000 lbs.

Dump controls are located on curbside mid-ship of the unit, well forward of the dumping area for operator safety. A manual override system is provided in case of system failure.

The debris body shall have a five year warranty. A copy of manufacturer's warranty statement shall be enclosed with bid. If pro-rated so state: N/A

An internal polyethylene float device with external indicator is supplied to show when body is loaded to capacity.

AUTOMATIC VACUUM BREAKER

The automatic vacuum breaker assembly is located inside the body.

The automatic vacuum breaker assembly shall be controlled by an electric over hydraulic circuit. The entire system shall be replaceable via a bolt on assembly. The assembly shall consist of a 12" inlet and two 8" ports that provide air flow to the vacuum system.

A full indication activates an automatic vacuum breaker shut down system that completely shuts down 100 percent of the airflow to the vacuum system to prevent overfilling and wastewater discharge into the atmosphere.

The vacuum breaker system is automatically activated (closed) when the parking brake system is released to eliminate carryover during transit.

The system is controlled/activated, at the front hose reel control station. This enables the operator to pick up large debris with boom and place debris on the road surface. This system can be used for safety in the event suction must be shut off in case of an emergency.

POSITIVE DISPLACEMENT BLOWER

A lobe type positive displacement blower shall be provided capable of 6000 CFM's and 18" of Hg. with cyclone separator. Control of the blower regarding start, stop and the rate of vacuum suction is performed from the front of the truck. A vacuum suction breaker disconnect switch is provided to enable operator to pick up large debris with boom and place debris on road surface. The vacuum system shall operate independent of the high-pressure water system.

The compressor is driven by the chassis engine via a closed loop hydrostatic system using a variable high volume piston pump and motor. The high volume displacement pump shall provide the same vacuum performance at 30% lower engine rpm. The lower operating rpm shall reduce fuel consumption by as much as 40%. This system shall include a heat exchanger for extreme ambient conditions and to maintain the pump suction oil temp at 160 deg. F. max. The heat exchanger shall be protected by a 30-micron filter and cold weather by pass valve. Hydrostatic loop filtration shall be accomplished by a 10 Beta micron return filter and a 10-micron Absolute (no bypass) charge filter.

The blower is protected by (2) two 3" diameter vacuum relief valves. The system incorporates an air/water separator and a sound silencer to separate material before it enters blower and to ensure quiet operation.

A means of starting, stopping and varying the vacuum suction from operator station at the front of the machine is provided.

The blower is mounted on a frame independent of the water tank.

Unit must be capable of vacuuming under water without air induction. A manometer/vacuum test may be required to demonstrate the system performance.

The positive displacement blower shall have a 12-month non-prorated warranty.

VACUUM PICK UP HOSE

Shall be front loading, attached at the front of the machine in order to provide ease of positioning the machine over the manhole, as well as afford maximum safety for the operator.

The 8" will be mounted on a boom that will provide a minimum of 18' vertical lift utilizing dual hydraulic cylinder and 230 degree of boom rotation powered hydraulically for non-interrupted smooth movement. Boom to have a lift capacity of 500 lbs. at the front bumper.

The boom will be powered by an electric over hydraulic system: up/down by dual lift cylinders. The right/left movements shall be hydraulic via worm gear rotation.

The boom shall hydraulically telescope a minimum of 10 ft. forward from the operator's station. The height of the boom shall not change while the boom is being telescoped. A manual override system shall be provided for right/left, and up/down functions in case of system failure.

Control of the boom is by means of a joystick control at the operator's station, requiring no cables at operator's feet for boom operation. A wireless remote control will be provided for Boom, Vacuum Breaker, Chassis Throttle, and Debris Body functions. A manual override system shall be provided for right/left, and up/down functions in case of system failure.

A boom coverage chart shall be provided with bid submission stating the square feet the boom covers.

8 inch diameter pipe extensions with clamps will be provided and carried on the truck as follows:

- 1 6-1/2' Catch Basin Nozzle
- 3 6' Aluminum Pipe Extension
- 1 5' Aluminum Pipe Extension
- 1 3' Aluminum Pipe Extension
- 2 spare quick clamps

WATER SUPPLY

The water tanks shall have a minimum usable capacity of 1000 U.S. gallons.

The water tanks shall be constructed of non-corrosive, non-metallic, durable, cross-linked polyethylene to eliminate rust, corrosion, and stress cracking.

The water tanks shall be mounted at and below the truck frame level to provide a low center of gravity for truck stability.

A 2-1/2 inch diameter x 25 feet long hydrant hose with hydrant wrench is supplied on the unit.

An anti-siphon fill device is installed on the unit.

Inspection ports shall be provided to fill or to add chemicals to the water system.

A sight gauge to indicate water level is located within sight of the operator station.

The water tanks are protected by a minimum of 11 gauge steel plating mounted below the water tanks for protection against road hazards when unit travels over the road, off the road or to landfills.

The water tanks shall carry a ten year replacement warranty.

AUXILARY ENGINE (WATER PUMP DRIVE ENGINE)

Ford Power Products Gas WSG-1068, 6.8 Liter, (415 CID) (10)-Cylinder, V-10, 222HP

HIGH-PRESSURE WATER PUMP

The high pressure water pump shall be rated to deliver smooth continuous pressure and flow through the entire flow range of the pump. The high pressure shall have smooth continuous flow for both the high pressure system and the hand gun system.

A continuous duty flow of 80 p.m. and 2000 p.s.i shall be provided.

High-pressure relief valves are provided for both the high-pressure system and hand gun system.

The water pump operates independently of the vacuum system and is powered by the auxiliary engine via clutchless, direct dual powerband drive system.

The high-pressure water pump drive system shall carry a five year replacement warranty. Warranty shall exclude the drive engine, i.e. auxiliary engine.

The water pump shall be capable of running dry.

Controls for starting and stopping the water pump and to vary the flow and pressure shall be at the front hose reel operator's station.

The high-pressure water pump is equipped with a cold weather drain valve. The valve allows the operator to completely drain the high-pressure pump.

HOSE REEL ASSEMBLY

The hose reel assembly is mounted on the front of the vehicle. The hose reel shall have a minimum of 30" inside diameter with a capacity of 800' x 1" hose. The hose reel is equipped with a cage - Lexan style. The hose reel is hydraulically powered in both directions by means of

a double chain and sprocket drive. The controls for operating the motor have a flow control device to regulate the rotational speed of the reel in both directions. All hydraulic hoses are behind a steel housing to protect operator from hydraulic oil if a hose fails. The hydraulic motor, chain, and sprockets have a protective cover or are mounted on the radiator side of the hose reel for operator safety. The hose reel articulates 180 degrees to the driver's side allowing operator to work in any position through this arc. This allows greater flexibility in truck placement for manholes located in tough areas and provides greater safety to the operator. Reel extends beyond the width of unit for greater flexibility for positioning reel over offset manholes, catch basins, etc. A hydraulically controlled outrigger leg is supplied that comes in contact with the ground at any one position. A warning light is located in the cab to warn the operator that the outrigger leg is not in its transported position prior to moving the unit. A manual bypass system for the hose reel assembly is provided to manually pull the reel assembly away from its transported position. This feature allows operator to check fluids without starting engines.

JET HOSE

800' x 1" jet rodder hose shall be supplied rated for 2500 psi working pressure and 6250 psi burst pressure.

A heavy duty hose guide with 25' of nylon rope will be provided.

Nozzles shall be hardened steel with replaceable ceramic orifices as follows: 1) Chisel head penetrator & 1) standard sanitary.

MANHOLE CLEANING WATER SYSTEM (HAND GUN)

The high-pressure pump and independent water tank assembly supplied shall be used for manhole cleaning. A smooth continuous flow of 20 g.p.m. and pressure of 600 p.s.i. shall be provided for ease of operation. A hand gun pressure relief valve set at 600 p.s.i. shall be provided. One full functioning hand gun with on/off hand control, replaceable nozzle tip, 12 inch extension, adjustable spray and 50' x 1/2" hose with retractable reel shall be provided.

The hand gun shall attach to the system via a quick couple connection at the curbside of the unit. To avoid being coiled at the operator's station a hand gun holder shall be provided at the front bumper.

HYDRAULIC SYSTEM AND LUBRICATION

The hydraulic system has a 55-gallon capacity.

The hydraulic system shall incorporate a main shut off valve in case of hydraulic failure.

The hydraulic system shall incorporate hydraulic pressure relief valves and pressure gauges for ease of trouble shooting and maintenance.

The unit is equipped on the passenger side, mid-section of the module, a permanent weatherproof white vinyl lubrication chart that points out lubrication points on the module and specifies what type of lubrication and hydraulic fluids are required. The chart also specifies the frequency of each lubrication point.

Remote plumbed grease fittings are provided for the vacuum compressor, boom rotation, and water pump drive areas.

ACCESSORIES

A minimum twelve (12) month manufacturer's guarantee on the unit will be provided.

- 2 35" x 14" x 24" side mounted tool boxes will be provided.
- 1 Debris body power flush out system
- 1 Rear mounted hydraulic pump off system, 400 gpm w/20' lay flat hose
- 1 Gravity drain system consisting of plumbing to the mid-passenger side of the unit. Includes a 3" knife valve with cam-lock connection, 30' of layflat hose with storage rack allowing return of liquids to the manhole without having to reposition vehicle.
- 1 Front Gate Valve for use with Gravity Drain Option
- 1 Wear plate, swing style
- 1 Air purge system
- 1 1/4 turn ball valve water drain
- 1 Variable flow valve
- 1 Lazy Susan style, deck mounted pipe rack, holds 5 pipe
- 1 Storage box behind cab, 16" x 42" x 96"

- 1 Lateral Cleaning Kit w/200' x 1/2" Hose w/Nozzle, Permanently Mtd, Electronically Controlled
- 1 Hose footage counter, curb side
- 1 Auxiliary engine remote oil drain
- 1 Remote boom grease zerk assembly, (accessible from ground level)
- 1 Remote debris tank grease zerk assembly (accessible from ground level)
- 1 Aluminum Dual Roller Level Wind Guide ilo standard
- 1 Nozzle rack
- 1 10' leader hose
- 1 The hydraulic pump provides power for all hydraulic functions, except vacuum compressor drive, and is direct mounted to the auxiliary engine gear drive adapter. It is not necessary to run the chassis engine to operate the machine hydraulics.
- 1 Water pump remote oil drain
- 1 Built in Body Prop - Rear Boom Support Mounted
- 1 12VDC auxiliary hydraulic pump
- 1 Traffic Camera with Color Monitor
- 1 Rear traffic camera
- 1 Front hose reel camera - to view front of hose reel area
- 2 Rear door drain flush out connection
- 2 Long handle storage/ (2) PVC
- 1 Long handle storage placement - mounted in storage box under shelf
- 1 Long handle storage placement - rear of mainframe
- 1 Cone storage rack
- 1 FMC water pump in lieu of the standard Giant water pump
- 1 Fill hose assy and storage 1.5"/ 200', 100', 50'
- 1 (2) Roll out shelves for storage box behind cab

- 1 Greenle Pump Off With Gate Valve

LIGHTING

The entire module electrical system is vapor sealed to eliminate moisture damage.

All wiring is color-coded, labeled and run in sealed terminal enclosures.

All module circuits are protected by circuit breakers.

Clearance lights and reflectors are furnished in accordance with D.O.T. requirements.

- 1 4 LED strobes - (2) front bumper, (2) rear bumper - Whelen 50A03ZCR - Amber
- 1 LED Arrow stick - Whelen TAM85 Traffic Advisor
- 4 Limb guards for flood lights
- 1 LED Boom Mounted Flood Light - Whelen NP6BB Worklight
- 1 LED Rear Mounted Flood Lights - Whelen NP6BB Worklight

PAINT

Unit paint surface shall be shot blasted, primed and sanded prior to paint. Unit to be painted white with DuPont Imron 5000 polyurethane paint.

Unit shall have reflective green side and boom stripes and rear door chevrons.

Chassis shall be painted manufacturers standard white.

TRAINING AND MANUALS

Operator training shall be conducted by a factory-trained representative for a minimum of one day at the time of delivery. 3 copies of the operating and maintenance manual for the sewer cleaner module shall be provided upon unit delivery. An operational video will be provided with the unit.

MOUNTING AND DELIVERY

The unit described will be mounted on a truck chassis acceptable to the body manufacturer at the factory of the body manufacturer.

EXCEPTIONS AND DEVIATIONS:

Bidder shall fully explain every variance, exception, and or deviation to the bid specifications. Additional sheets/lines may be added if required.

Chassis Specifications

Unit		Chassis	
Model:	T400Series	Fr Axle Load (lbs):	20000
	oEoCConventionalaa or equal.	Rr Axle Load (lbs):	23000
Type:	FULL TRUCK	G.C.W (lbs):	43000
Description:	T470 20K/23K	Class A (Highway)	90
Application		Class B (Hwy/Mtn)	10
SEWER COMBINATION UNIT		Class C (Off-Hwy)	00
		Class D (Off-Road)	00
Body		Maximum Grade:	6
Type:	Vacuum tank	Wheelbase (in):	243
Length: (ft):	16.0	Overhang (in):	60
Height (ft):	13.5	Fr Axle to BOC (in):	73
Max Laden Weight (lbs):	4000	Cab to Axle (in):	170
		Cab to EOF (in):	230

Description

T400 Series Conventional Extended Cab Or Equal

T470 4x2 Medium Duty

DATE: 8/10/2016

INVITATION TO BID
THIS IS NOT AN ORDER

BID NO.: 50-00117338

JEFFERSON PARISH
PURCHASING DEPARTMENT
P.O. BOX 9
GRETN, LA. 70054-0009
504-364-2678

Page: 1

BUYER: MCamardelle@jeffparish.net

BIDS WILL BE RECEIVED IN THE PURCHASING DEPARTMENT, SUITE 4400, JEFFERSON PARISH GENERAL GOVERNMENT BUILDING, 200 DERBIGNY STREET, GRETN, LA 70053 UNTIL 2:00 PM, 8/25/2016 AND PUBLICLY OPENED THEREAFTER.

LATE BIDS WILL NOT BE ACCEPTED

Unless submitting via online (see Page 3), each bid must be submitted in a sealed envelope bearing on the outside; the name of the Bidder, his address, and the name of the project for which the bid is submitted and the bid number.

NOTE: ONLY BIDS WRITTEN IN INK OR TYPEWRITTEN, AND PROPERLY SIGNED BY A MEMBER OF THE FIRM OR AUTHORIZED REPRESENTATIVE, WILL BE ACCEPTED. PENCIL AND/OR PHOTOSTATIC FIGURES OR SIGNATURES SHALL RESULT IN BID REJECTION.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS
THE FOLLOWING INSTRUCTIONS APPLY TO ALL BIDS

All bids submitted are subject to these instructions and general conditions and any special conditions and specifications contained herein, all of which are made part of this bid proposal reference. By submitting a bid, vendor agrees to comply with all provisions of Louisiana Law as well be in compliance with the Jefferson Parish Code of Ordinances, Louisiana Code of Ethics, applicable Jefferson Parish ethical standards and Jefferson Parish Resolution No. 113646 and/or Resolution No. 113647.

All vendors submitting bids should register as a Jefferson Parish vendor if not already yet registered. Registration forms may be downloaded from www.purchasing.jeffparish.net and by clicking on Vendor Information. While Jefferson Parish may have these on file, all bidders should furnish their current W-9 Form and respective Tax Identification Numbers with bid submission; records on file may be invalid or expired. The successful bidder must submit a W-9 Form and respective Tax Identification Number upon contract execution. Failure to do so may result in delay of payment.

All quotations shall be based on F.O.B. Agency warehouse or job site, anywhere within the Parish as designated by the Purchasing Department. This provision does not apply to public works projects

JEFFERSON PARISH requires all products to be new (current) and all work must be performed according to standard practices for the project. Unless otherwise specified, no aftermarket parts will be accepted. Unless otherwise specified, all workmanship and materials must have at least one (1) year guaranty, in writing, from the date of delivery and/or acceptance of the project. Any deviations or alterations from the specifications must be indicated and/or supporting documentation supplied with bid submission.

Bidders should submit all questions in writing and fax them to the Purchasing Department at (504) 364-2693 no later than FIVE (5) working days prior to bid opening. Bid numbers should be mentioned in all requests. Questions may also be emailed to the buyer for this bid at the email address listed above. If submitting online, vendors may send questions via the E-Procurement site no later than Five (5) working days prior to the bid opening.

If this bid requires a pre-bid conference (see Additional Requirements section), bidders are advised that such conference will be held to allow bidders the opportunity to identify any discrepancies in the bid specifications and seek further clarification regarding instructions. The Purchasing Department will issue a written response to bidders' questions in the form of an Addendum. Please note that all official communication will be expressed in the form of an addendum.

All formal Addenda require written acknowledgement on the bid form by the bidder. Failure to acknowledge an Addendum on the bid form shall cause the bid to be rejected. JEFFERSON PARISH reserves the right to award bid to next lowest responsive and responsible bidder in this event.

The purpose and intention of this invitation to bid is to afford all suppliers an equal opportunity to bid on all construction, maintenance, repair, operating supplies and/or equipment listed in this bid proposal. JEFFERSON PARISH WILL ACCEPT ONE BID ONLY FROM EACH VENDOR. Items bid must meet specifications.

Visit our website at [HTTP://PURCHASING.JEFFPARISH.NET](http://PURCHASING.JEFFPARISH.NET)

JEFFERSON PARISH will accept one price for each item unless otherwise indicated. Two or more prices for one item will result in bid rejection. Bidders are required to complete, sign and return the bid form and/or complete and return the associated line item pricing forms as indicated. Vendors must not alter the bid forms. Doing so will cause the bid to be rejected.

If the bid exceeds \$30,000.00 and the company is duly authorized to do business in the state of Louisiana, a corporate resolution must be submitted with the bid or the person signing the bid documents must be listed on the Louisiana Secretary of State's website as an officer of the corporation, unless bidder has otherwise complied with LSA-R.S. 38:2212 (B)(5). If the bid is in excess of \$30,000 and bidder is registered out of the state of Louisiana, a corporate resolution must be submitted with the bid, unless bidder has otherwise complied with LSA-R.S. 38:2212 (B)(5). Failure to comply will cause bid to be rejected; the Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event. Bids submitted by Owner or Sole Proprietorships must include certification that he or she owns the entity for which the bid is signed. This documentation must be submitted with the bid. Failure to do so will result in bid rejection.

NOTE: A sample corporate resolution can be downloaded from our website <http://purchasing.jeffparish.net> or you may provide your own document. A sample certification of sole proprietorship can also be downloaded from our website <http://purchasing.jeffparish.net> or you may provide your own document.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

A. AWARD OF CONTRACT: JEFFERSON PARISH reserves the right to award contracts or place orders on a lump sum or individual item basis, or such combination, as shall in its judgment be in the best interest of JEFFERSON PARISH. Every contract or order shall be awarded to the LOWEST RESPONSIVE and RESPONSIBLE BIDDER, taking into consideration the CONFORMITY WITH THE SPECIFICATIONS and the DELIVERY AND/OR COMPLETION DATE. SPLIT AWARDS MADE TO SEVERAL VENDORS WILL ONLY BE GRANTED TO THOSE DEEMED RESPONSIVE AND RESPONSIBLE.

All bid prices shall remain valid for 45 days. Jefferson Parish and the lowest responsive and responsible bidder(s) by mutual written consent may mutually agree to extend the deadline for award by one (1) or more extensions of thirty (30) calendar days.

Preference is hereby given to materials, supplies, and provisions produced, manufactured or grown in Louisiana, quality being equal to articles offered by competitors outside the state. "LSA-R.S.38:2251-2261"

B. USE OF BRAND NAMES AND STOCK NUMBERS: Where brand names and stock numbers are specified, it is for the purpose of establishing certain minimum standards of quality. Bids may be submitted for products of equal quality, provided brand names and stock numbers are specified. Complete product data may be required prior to award.

C. CANCELLATION OF CONTRACT: JEFFERSON PARISH reserves the right to cancel all or any part if not shipped promptly. No charges will be allowed for parking or cartage unless specified in quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel any contract at anytime and for any reason by issuing a THIRTY (30) day written notice to the contractor.

For good cause and as consideration for executing a contract with Jefferson Parish, vendor conveys, sells, assigns and transfers to Jefferson Parish or its assigns all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of Louisiana, relating to the particular good or services purchased or acquired by Jefferson Parish.

D. PRICES: Jefferson Parish is exempt from paying sales tax under LSA-R.S. 47:301 (8)(c). All prices for purchases by Jefferson Parish of supplies and materials shall be quoted in the unit of measure specified and unless otherwise specified, shall be exclusive of state and Parish taxes. The price quoted for work shall be stated in figures. In the event there is a difference in unit prices and totals, the unit price shall prevail.

Quantities listed are for bidding purposes only. Actual requirements may be more or less than quantities listed.

Bidders are not to exclude from participation in, deny the benefits of, or subject to discrimination under any program or activity, any person in the United States on the grounds of race, color, national origin, or sex; nor discriminate on the basis of age under the Age Discrimination Act of 1975, or with respect to an otherwise qualified handicapped individual as provided in Section 504 of the Rehabilitation Act of 1973, or on the basis of religion, except that any exemption from such prohibition against discrimination on the basis of religion as provided in the Civil Rights Act of 1964, or Title VI and VII of the Act of April 11, 1968, shall also apply. This assurance includes compliance with the administrative requirements of the Revenue Sharing final handicapped discrimination provisions contained in Section 51.55 (c), (d), (e), and (k)(5) of the Regulations. New construction or renovation projects must comply with Section 504 of the 1973 Rehabilitation Act, as amended, in accordance with the American National Standard Institute's specifications (ANSI A17.1-1961).

Advertised bids will be tabulated and a copy of the tabulation will be forwarded to each responding bidder.

IN ACCORDANCE WITH STATE REGULATIONS JEFFERSON PARISH OFFERS ELECTRONIC PROCUREMENT TO ALL VENDORS

This electronic procurement system allows vendors the convenience of reviewing and submitting bids online. This is a secure site and authorized personnel have limited read access only. Bidders are encouraged to submit electronically using this free service; while the website accepts various file types, one single PDF file containing all appropriate and required bid documents is preferred. Bidders submitting uploaded images of bid responses are solely responsible for clarity. If uploaded images/documents are not legible, then bidder's submission will be rejected. Please note all requirements contained in this bid package for electronic bid submission.

Please visit the Purchasing Department webpage at <http://purchasing.jeffparish.net> to register and review Jefferson Parish solicitations.

The general specifications for construction projects and the purchase of materials, services and/or supplies are those adopted by the JEFFERSON PARISH Council by Resolution No. 113646 or 113647 dated 12/09/09. The general conditions adopted by this resolution shall be considered as much a part of this document as if they were written wholly herein. A copy may be obtained from the Office of the Parish Clerk, Suite 6700, Jefferson Parish General Government Building, 200 Derbigny Street, Gretna, LA 70053. You may also obtain a copy by visiting the Purchasing Department webpage at <http://purchasing.jeffparish.net> and clicking on Online Forms.

ADDITIONAL REQUIREMENTS FOR THIS BID

PLEASE MATCH THE NUMBERS PRINTED IN THIS BOX WITH THE
CORRESPONDING INSTRUCTIONS BELOW.

13, 15

1. All bidders must attend the MANDATORY pre-bid conference and will be required to sign in and out as evidence of attendance. In accordance with LSA R.S. 38:2212(l), all prospective bidders shall be present at the beginning of the MANDATORY pre-bid conference and shall remain in attendance for the duration of the conference. Any prospective bidder who fails to attend the conference or remain for the duration shall be prohibited from submitting a bid for the project.
2. Attendance to this pre-bid conference is optional. However, failure to attend the pre-bid conference shall not relieve the bidder of responsibility for information discussed at the conference. Furthermore, failure to attend the pre-bid conference and inspection does not relieve the successful bidder from the necessity of furnishing materials or performing any work that may be required to complete the work in accordance with the specification with no additional cost to the owner.
3. Contractor must hold current applicable JEFFERSON PARISH licenses with the Department of Inspection and Code Enforcement. Contractor shall obtain any and all permits required by the JEFFERSON PARISH Department of Inspection and Code Enforcement. The contractor shall be responsible for the payment of these permits. All permits must be obtained prior to the start of the project. Contractor must also hold any and all applicable Federal and State licenses. Contractor shall be responsible for the payment of these permits and shall obtain them prior to the start of the project.
4. A LA State Contractor's License will be required in accordance with LSA R.S. 37-2150 et. seq. and such license number will be shown on the outside of the bid envelope. Failure to comply will cause the bid to be rejected. Additionally if submitting the bid electronically, then the license number must be entered in the appropriate field in the Electronic Procurement system. Failure to comply will cause the bid to be rejected.
5. It is the bidder's responsibility to visit the job site and evaluate the job before submitting a bid.
6. Job site must be clean and free of all litter and debris daily and upon completion of the contract. Passageways must be kept clean and free of material, equipment, and debris at all times. Flammable material must be removed from the job site daily because storage will not be permitted on the premises. Precautions must be exercised at all times to safeguard the welfare of JEFFERSON PARISH and the general public.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

7. **PUBLIC WORKS BIDS:** All awards for public works in excess of \$5,000.00 will be reduced to a formal contract which shall be recorded at the contractor's expense with the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. A price list of recordation costs may be obtained from the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. All awards in excess of \$25,000.00 will require both a performance and a payment bond. Unless otherwise stated in the bid specifications, the performance bond requirements shall be 100% of the contract price. Unless otherwise state in the bid specifications, the payment bond requirements shall be 100% of the contract price. Both bonds shall be supplied at the signing of the contract.
8. **NON-PUBLIC WORKS BIDS:** A performance bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The performance bond shall be supplied at the signing of the contract.
9. **NON-PUBLIC WORKS BIDS:** A payment bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The payment bond shall be supplied at the signing of the contract.
10. Unless otherwise stated in the bid specifications, the successful bidder will be required to procure standard insurance policies evidencing Parish-mandated insurance requirements as indicated on the attached "insurance requirements" sheet. All bidders must comply with the instructions in this sheet. Failure to comply will cause bid to be rejected.
11. A bid bond will be required with bid submission in the amount of 5% of the total bid, unless otherwise stated in the bid specifications. Acceptable forms shall be limited to cashier's check, certified check, or surety bid bond. All sureties must be in original format (no copies) If submitting a bid online, vendors must submit an electronic bid bond through the respective online clearinghouse bond management system(s) as indicated in the electronic bid solicitation on Central Auction House. No scanned paper copies of any bid bond will be accepted as part of the electronic bid submission.
12. This is a requirements contract to be provided on an as needed basis. JEFFERSON PARISH makes no representations on warranties with regard to minimum guaranteed quantities unless otherwise stated in the bid specifications.
13. Freight charges should be included in total cost when quoting. If not quoted FOB DELIVERED, freight must be quoted as a separate item. Bid may be rejected if not quoted FOB DELIVERED or if freight charges are not indicated on bid form.
14. **PUBLIC WORKS BIDS - Completed, Signed and Properly Notarized Affidavits Required;** This applies to all solicitations for construction, alteration or demolition of public buildings or projects, in conformity with the provisions contained in LSA-RS 38:2212.9, LSA-RS 38:2212.10, LSA-RS 38:2224, and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Conviction Affidavit, Non-Collusion Affidavit, Campaign Contribution Affidavit, Debt Disclosures Affidavit and E-Verify Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.
15. **NON PUBLIC WORK BIDS - Completed, Signed and Properly Notarized Affidavits Required** in conformity with the provisions contained in LSA – RS 38:2224 and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Collusion Affidavit, Debt Disclosures Affidavit and Campaign Contribution Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled NON PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.
16. The ensuing contract for this bid solicitation may be eligible for FEMA reimbursement and/or Federal funding/reimbursement. As such, the referenced appendix will be applicable accordingly and shall be considered a part of the bid documents. All applicable certifications must be duly completed, signed and submitted with bid submission. Failure to submit applicable certifications with bid submission will result in bid rejection.
17. For this project, the Contractor shall not pay any state or local sales or use taxes on materials and equipment which are affixed and made part of the immovable property of the project or which permanently incorporated in the project (hereinafter referred to as "applicable materials and equipment"). All purchases of applicable materials or equipment shall be made by the contractor on behalf of and as the agent of Jefferson Parish (Owner), a political subdivision of the State of Louisiana. No state and local sales and use taxes are owned on applicable materials and equipment under the provisions of Act 1029 of the 1991 Regular Session – Louisiana Revised Statute 47:301(8)(c). Owner will furnish contractor a certificate form which certifies that Owner is not required to pay such state or local sales and use taxes, and contractor shall furnish a copy of such certificate to all vendors or suppliers of the applicable materials and equipment

It shall be the duty of every parish officer, employee, department, agency, special district, board, and commission; and the duty of every contractor, subcontractor, and licensee of the parish, and the duty of every applicant for certification of eligibility for a parish contract or program, to cooperate with the Inspector General in any investigation, audit, inspection, performance review, or hearing pursuant to Jefferson Parish Code of Ordinances Section 2-155.10(19). By submitting a bid, vendor acknowledges this and will abide by all provisions of the referenced Jefferson Parish Code of Ordinances.

DATE: 8/10/2016

Page: 5

BID NO.: 50-00117338

BID FORM
Non Public Works

All Public Work Projects are required to use the Louisiana Uniform Public Work Bid Form

All prices must be held firm unless an escalation provision is requested in this bid. Jefferson Parish will allow one escalation during the term of the contract, which may not exceed the U.S. Bureau of Labor Statistics National Index for all Urban Consumers, unadjusted 12 month figure. The most recently published figure issued at the time an adjustment is requested will be used. A request must be made in writing by the vendor, and the escalation will only be applied to purchases made after the request is made.

Are you requesting an escalation provision?

YES _____ NO ✓

MAXIMUM ESCALATION PERCENTAGE REQUESTED _____ %

INITIAL BID PRICES WILL REMAIN FIRM THROUGH THE DATE OF August 25, 2017.

For the purposes of comparison of bids when an escalation provision is requested, Jefferson Parish will apply the maximum escalation percentage quoted by the bidder to the period to which it is applied in the bid. The initial price and the escalation will be used to calculate the total bid price. It will be assumed, for comparison of prices only, that an equal amount of material or labor is purchased each month throughout the entire contract.

DELIVERY: FOB JEFFERSON PARISH

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES

45-60 Days A.R.O.

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable) _____

THIS SECTION MUST BE COMPLETED BY BIDDER:

FIRM NAME: Covington Sales & Service, Inc.

ADDRESS: 7868 Florida Blvd. (P.O. Box 1144 D.S., LA 70767)

CITY, STATE: Denham Springs, LA ZIP: 70726

TELEPHONE: (800) 349-8000 FAX: (225) 665-1567

EMAIL ADDRESS: pat@covingtonsales.com

In the event that addenda are issued with this bid, bidders MUST acknowledge all addenda on the bid form. Bidder must acknowledge receipt of an addendum on the bid form as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: 1 (ck)

NUMBER: _____

NUMBER: _____

NUMBER: _____

TOTAL PRICE OF ALL BID ITEMS: \$ 350,000.00

AUTHORIZED SIGNATURE: Chris Kinchen

TITLE: President

Chris Kinchen
Printed Name

SIGNING INDICATES YOU HAVE READ AND COMPLY WITH THE INSTRUCTIONS AND CONDITIONS.

NOTE: All bids should be returned with the BID NUMBER and BID OPENING DATE indicated on the outside of the envelope submitted to the Purchasing Department.

DATE: 8/10/2016

Page 6

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00117338

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	1.00	EA	PURCHASE OF COMBINATION VACUUM SEWER CLEANER TRUCK FOR THE JEFFERSON PARISH DEPARTMENT OF PUBLIC WORKS 0001 - COMBINATION VACUUM CLEANING TRUCK	\$350,000.00	\$350,000.00

CORPORATE RESOLUTION

EXCERPT FROM MINUTES OF MEETING OF THE BOARD OF DIRECTORS OF
Covington Sales & Service
INCORPORATED.

AT THE MEETING OF DIRECTORS OF Covington Sales & Service,
INCORPORATED, DULY NOTICED AND HELD ON December 12, 2012,
A QUORUM BEING THERE PRESENT, ON MOTION DULY MADE AND SECONDED. IT
WAS:

RESOLVED THAT Chris Kinchen, BE AND IS HEREBY
APPOINTED, CONSTITUTED AND DESIGNATED AS AGENT AND ATTORNEY-IN-
FACT OF THE CORPORATION WITH FULL POWER AND AUTHORITY TO ACT ON
BEHALF OF THIS CORPORATION IN ALL NEGOTIATIONS, BIDDING, CONCERNS
AND TRANSACTIONS WITH THE PARISH OF JEFFERSON OR ANY OF ITS AGENCIES,
DEPARTMENTS, EMPLOYEES OR AGENTS, INCLUDING BUT NOT LIMITED TO, THE
EXECUTION OF ALL BIDS, PAPERS, DOCUMENTS, AFFIDAVITS, BONDS, SURETIES,
CONTRACTS AND ACTS AND TO RECEIVE ALL PURCHASE ORDERS AND NOTICES
ISSUED PURSUANT TO THE PROVISIONS OF ANY SUCH BID OR CONTRACT, THIS
CORPORATION HEREBY RATIFYING, APPROVING, CONFIRMING, AND ACCEPTING
EACH AND EVERY SUCH ACT PERFORMED BY SAID AGENT AND ATTORNEY-IN-
FACT.

I HEREBY CERTIFY THE FOREGOING TO BE
A TRUE AND CORRECT COPY OF AN
EXCERPT OF THE MINUTES OF THE ABOVE
DATED MEETING OF THE BOARD OF
DIRECTORS OF SAID CORPORATION, AND
THE SAME HAS NOT BEEN REVOKED OR
RESCINDED.

Jacqueline C. Covington
SECRETARY-TREASURER

August 22, 2016
DATE

Non-Public Works Bid Affidavit Instructions

- **Affidavit is supplied as a courtesy to Affiants, but it is the responsibility of the affiant to insure the affidavit they submit to Jefferson Parish complies, in both form and content, with federal, state and parish laws.**
- **Affidavit must be signed by an authorized representative of the entity or the affidavit will not be accepted.**
- **Affidavit must be notarized or the affidavit will not be accepted.**
- **Notary must sign name, print name, and include bar/notary number, or the affidavit will not be accepted.**
- **Affiant MUST select either A or B when required or the affidavit will not be accepted.**
- **Affiants who select choice A must include an attachment or the affidavit will not be accepted.**
- **If both choice A and B are selected, the affidavit will not be accepted.**
- **Affidavit marked N/A will not be accepted.**
- **It is the responsibility of the Affiant to submit a new affidavit if any additional campaign contributions are made after the affidavit is executed but prior to the time the council acts on the matter.**

Instruction sheet may be omitted when submitting the affidavit

Non-Public Works Bid

AFFIDAVIT

STATE OF LouisianaPARISH/COUNTY OF Livingston

BEFORE ME, the undersigned authority, personally came and appeared: Chris Kinchen, (Affiant) who after being by me duly sworn, deposed and said that he/she is the fully authorized President of Covington Sales & Service, Inc. (Entity), the party who submitted a bid in response to Bid Number 50-00117338, to the Parish of Jefferson.

Affiant further said:

Campaign Contribution Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A _____ Attached hereto is a list of all campaign contributions, including the date and amount of each contribution, made to current or former elected officials of the Parish of Jefferson by Entity, Affiant, and/or officers, directors and owners, including employees, owning 25% or more of the Entity during the two-year period immediately preceding the date of this affidavit or the current term of the elected official, whichever is greater. Further, Entity, Affiant, and/or Entity Owners have not made any contributions to or in support of current or former members of the Jefferson Parish Council or the Jefferson Parish President through or in the name of another person or legal entity, either directly or indirectly.

Choice B ✓ there are NO campaign contributions made which would require disclosure under Choice A of this section.

Debt Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A _____ Attached hereto is a list of all debts owed by the affiant to any elected or appointed official of the Parish of Jefferson, and any and all debts owed by any elected or appointed official of the Parish to the Affiant.

Choice B ✓ _____ There are **NO** debts which would require disclosure under Choice A of this section.

Affiant further said:

That Affiant has employed no person, corporation, firm, association, or other organization, either directly or indirectly, to secure the public contract under which he received payment, other than persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project or in securing the public contract were in the regular course of their duties for Affiant; and

[The remainder of this page is intentionally left blank.]

That no part of the contract price received by Affiant was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the contract, other than the payment of their normal compensation to persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project were in the regular course of their duties for Affiant.

Chris Kinchen

Signature of Affiant

Chris Kinchen

Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME

ON THE 22nd DAY OF August, 2014.

Patricia H. Sanchez

Notary Public

Patricia H. Sanchez

Printed Name of Notary

51225

Notary/Bar Roll Number

My commission expires with death.

[Print](#)

Notary Search - Detail

Name: MS. PATRICIA H. SANCHEZ
Address: 19119 CORY ROAD
LORANGER, LA 70446

Phone: (985) 606-0354
Phone 2: (985) 320-9882

Notary ID Number: 51225

Parish: TANGIPAHOA with authority in the following parishes:
LIVINGSTON, ST. HELENA

Agency: N/A

Notary Type: Non Attorney

Status: Active

Commission Date: 10/09/2000

Oath Date: 09/29/2000

Surety Expiration Date: 09/13/2020

Annual Report Current: Yes

Notary Events

Suspension From: 09/15/2015 To: 09/29/2015

Suspension From: 12/09/2014 To: 01/27/2015

Name Change Previous Name: PATRICIA H. BERGERON
Previous Commission Date: 09/25/1995

Deceased, Inactivated, Leave of Absence, Pre-Assessment Registration, Pre-Assessment Taken, Resigned, Retirement, and Revoked events are not available prior to February 11, 2012.

[Back to Search Results](#)[New Search](#)

Request for Taxpayer Identification Number and Certification

Give Form to the
requester. Do not
send to the IRS.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.
Covington Sales & Service, Inc.

2 Business name/disregarded entity name, if different from above

3 Check appropriate box for federal tax classification; check only one of the following seven boxes:
☐ Individual/sole proprietor or single-member LLC
☐ Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶
☐ C Corporation
☒ S Corporation
☐ Partnership
☐ Trust/estate
☐ Other (see instructions) ▶
Note. For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member owner.

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):
Exempt payee code (if any) _____
Exemption from FATCA reporting code (if any) _____
(Applies to accounts maintained outside the U.S.)

5 Address (number, street, and apt. or suite no.)
7868 Florida, Blvd.

6 City, state, and ZIP code
Denham Springs, LA 70726

7 List account number(s) here (optional)

Requester's name and address (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the instructions for line 1 and the chart on page 4 for guidelines on whose number to enter.

Social security number										
4	3	8	-	1	9	-	7	6	9	1
or										
Employer identification number										
7	2	-	0	9	9	0	7	9	5	

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.

Sign Here	Signature of U.S. person ▶ Susan Lockhart	Date ▶ 6/23/2016
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General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at www.irs.gov/fw9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)

- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See *What is backup withholding?* on page 2.

By signing the filled-out form, you:

- Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
- Certify that you are not subject to backup withholding, or
- Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
- Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting?* on page 2 for further information.

License No. RP-2016-00211
DPS Code: RDCC

2016-2018

Not Transferable
Valid Only at Address Below

Louisiana Motor Vehicle Commission

This Certifies that

Covington Sales & Service, Inc.

7868 Florida Boulevard

Denham Springs, LA 70726

Raymond E. Covington & Chris Kinchen, Dealer-Operators

is duly licensed as a

Recreational Product(s) Dealer

of the following

Conversion(s): CUES, Duraco, PB Loader, PipeHunter, Schwarze, Tiger, VAC-CON, VT LeeBoy
Utility Trailer(s): Cimline (Metro, Magma, Matrix II), Cimline (Metro, Magma, Matrix II)

Cues Custom Inspection Units (Cust Waterline Inspection Unit)

Cues Custom Inspection Units (Cust Waterline Inspection Unit), Dura Patcher

(Dura Patcher 125DJT, Dura Box Asphalt Maintainer, 1000gal Duratonic Model 1000TT)

Dura Patcher (Dura Patcher 125DJT, Dura Box Asphalt Maintainer

1000gal Duratonic Model 1000TT), Environmental Bagging System (EBS-D-S)

Environmental Bagging System (EBS-D-S), Texas Underground (Single Axle Trailer Jet

Tandem Axle Trailer Jet, Vacuum Trailer, Combination Vacuum/Camera), Texas Underground

CONTINUES ON NEXT PAGE

For the period ending May 31, 2018,

unless license is sooner revoked.

In Witness whereof, LOUISIANA MOTOR VEHICLE COMMISSION, under and by virtue of the
authority vested in it by the laws of the State of Louisiana, has caused this license to be issued with its seal
imprinted hereon.

LOUISIANA MOTOR VEHICLE COMMISSION

Dated June 30, 2016

Signed, Sealed and Attested

Executive Director

Chairman

(To be prominently displayed in place of business)



License No: RP-2016-00211
DPS Code: RDCC

2016-2018

Page: 2

Covington Sales & Service, Inc.

CONTINUED

(Single Axle Trailer Jet, Tandem Axle Trailer Jet, Vacuum Trailer
Combination Vacuum/Camera), VT LeeBoy (Asphalt Distributor - RMT1000), VT LeeBoy
(Asphalt Distributor - RMT1000)





COVISAL-01

DMICHEAU

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

8/22/2016

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Thomas & Farr Agency Inc. P.O. Box 2110 Monroe, LA 71207	CONTACT NAME: Belinda Micheau	
	PHONE (A/C, No, Ext): (318) 766-2907 FAX (A/C, No): (318) 766-2916	
INSURED Covington Sales & Service, Inc P. O. Box 1144 Denham Springs, LA 70727-1144	E-MAIL: deem@tfins.com	
	INSURER(S) AFFORDING COVERAGE	NAIC #
	INSURER A : EMC Insurance Companies	21415
	INSURER B : Employers Mut Cas Co - EMC	21415
	INSURER C : LUBA Casualty Ins. Co. - LUB	12472
	INSURER D :	
INSURER E :		
INSURER F :		

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Equipment Rental GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	X	4X69687	02/15/2016	02/15/2017	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS		4X69687	02/15/2016	02/15/2017	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000		4X69687	02/15/2016	02/15/2017	EACH OCCURRENCE \$ 1,000,000 AGGREGATE \$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N Y	2818692116	02/15/2016	02/15/2017	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
B	Garage Dealers & Non		4X69687	02/15/2016	02/15/2017	\$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Jefferson Parish Department of Fleet Management, the Parish of Jefferson, its Districts, Departments and Agencies under the direction of the Parish President and the Parish Council are listed as additional insured in regards to general liability.

CERTIFICATE HOLDER

CANCELLATION

Jefferson Parish Department of Fleet Management The Parish of Jefferson, its Districts, Departments and Agencies under the direction of the Parish President and the Parish Council
4901 Jefferson Hwy. Suite A
Jefferson, LA 70121

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

© 1988-2014 ACORD CORPORATION. All rights reserved.



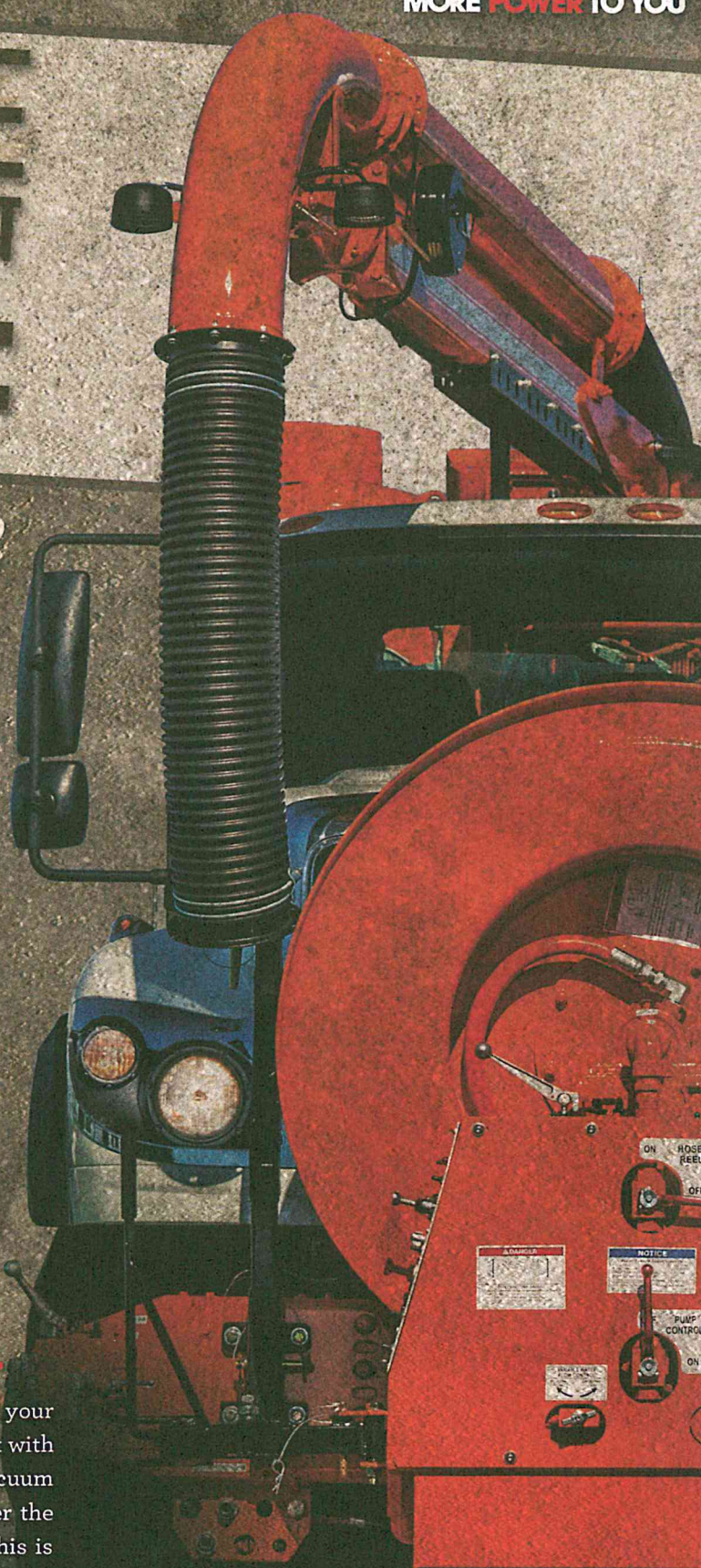
VAC-CON
MORE POWER TO YOU

DUAL ENGINE COMBINATION MACHINE:

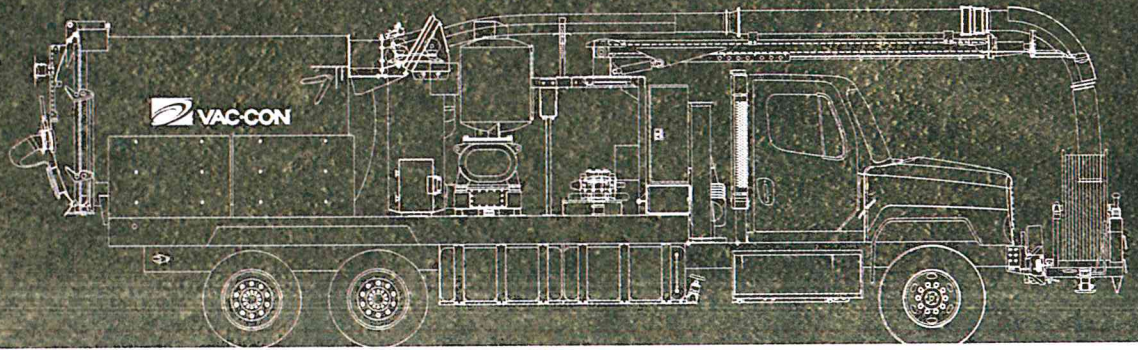
THE *go anywhere
do anything*
TRUCK FOR ALL
YOUR NEEDS

PUTTING THE POWER WHERE YOU NEED IT

Only Vac-Con combines the flexibility of a two-engine design with your choice of a 3-stage fan or positive displacement blower. Consistent with its other designs, Vac-Con uses the chassis engine to drive the vacuum system. Using a standard hydrostatic drive, this design can power the industry's most powerful fan. Offering a wide array of options, this is truly a "go anywhere, do anything" machine.



VAC-CON DUAL ENGINE COMBINATION MACHINE



VEHICLE SPECIFICATIONS

VACUUM DRIVE SYSTEM

- > Hydrostatic variable displacement piston pump driven by chassis engine
- > Hydrostatic fixed displacement piston motor
- > Hydraulically driven heat exchanger fan
- > 110°-190° F operation ranges at 90° F ambient temperature
- > Torsional soft coupling
- > Multi-stage hydraulic filtration system

VACUUM SYSTEM

- > 2 or 3 stage vacuum compressor (fan)
 - > 5-year warranty
- > Optional PD blower with multiple ratings up to 28" Hg and 4,200 CFM

AUXILIARY ENGINE WATER PUMP DRIVE SYSTEM

- > Standard Vac-Con V-10 powered gasoline engine
- > Optional diesel engines up to 185hp
- > Fully independent operation of vacuum and water systems
- > Allows continuous water circulation in motion or stationary
- > Front operator station controls
- > 5-year warranty on drive system (excludes engine and pump)

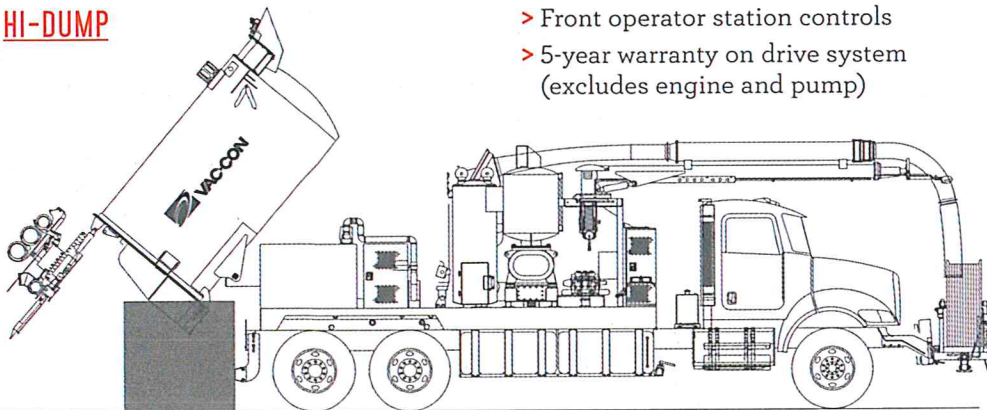
WATER SYSTEM

- > Systems up to 3,000 PSI and 120 GPM with smooth continuous flow and pressure
- > Available hydroexcavation package
- > Available winter recirculation
- > Available air-purge system
- > Cross-linked polyethylene water tanks
 - > 10-year warranty

AUTOMATIC VACUUM BREAKER SHUT-OFF AND FILTRATION

- > Vacuum Breaker
 - > System automatically stops airflow to prevent over-filling and/or spillage during transport
 - > Can be manually controlled from front operator station, wired pendant, or with available wireless remote
- > Filtration
 - > Dual-port separation with dual stainless steel microscreens
 - > Centrifugal separator with easy access inspection door
 - > Optional cyclone separator available for special applications

HI-DUMP



Vac-Con trucks are safe, durable, easy to operate and outperform the competition. A dedicated nationwide dealer network, backed by our **One Touch Customer Service** support program is there to deliver **More Power to You** with every machine.

> YOUR VAC-CON DEALER IS:

Covington Sales & Service, Inc.

P.O. Box 1144

Denham Springs, LA 70726

225.664.7427

www.covingtonsales.com



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vns@vac-con.com

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SPECIFICATIONS - COMBINATION SEWER CLEANER

COMPLY, Indicate: Yes or No

GENERAL

☒ Yes ☐ No

The machine is capable of removing stones, grit, grease, sludge and other debris from sanitary sewer and/or storm drain lines by the flushing action of high-pressure water. The high-pressure sewer cleaner operates independent of the vacuum system. This unit shall have a total minimum 590 Horse Power.

The machine includes an air conveying vacuum system to provide for the simultaneous removal of the debris flushed to the manhole by the high-pressure water system or for the removal of debris from sewers, sumps, catch basins, digesters, wet wells, bar screens, etc.

The machine is capable of being operated by one man, with all operating controls for high-pressure water pump, hose reel, and vacuum, located at the front of the machine for safety.

DEBRIS BODY

☒ Yes ☐ No

Debris storage body has a minimum usable liquid capacity of 9 cubic yards. The debris body shall be round for maximum strength and constructed of 3/16 inch ASTM A242 Corten A steel for enhanced corrosion resistance.

The rear door shall be dished and flanged for maximum strength, full opening, hinged at the top with low profile and adjustable style hinges.

There shall be a 6" diameter liquid drain valve, "knife valve type" and screen weldment inside for removing excess liquids. Drain will have 10 feet of 6 inch lay flat hose.

The rear door shall be supplied with a debris deflector shield located inside the debris tank that encompasses 75 percent of the rear door. The debris deflector shield shall deflect material from rear door, and aid in draining off excess liquids.

A rear door safety prop shall be provided. For ease of maintenance there shall be no hydraulic components located inside the debris body or rear door.

Hydraulic operated, heavy duty wedge style door locks shall be installed. The door locks shall be operated by two double acting hydraulic cylinders. The rear door shall also hydraulically open and close (raise and lower) by means of two double acting hydraulic cylinders. The unlocking-opening and the closing-locking operations shall be controlled by a single switch and sequence valve.

Dual steel weldments with stainless steel screen 8" x 28" each providing up to 1200 square inches of added filtration for the vacuum system shall be provided inside the debris tank. These weldments shall be removable and require no cutting or welding.

A double acting power up/power down hydraulic scissors lift mechanism will be provided to raise body to a minimum 60 degree angle. The scissors lift mechanism shall be designed to support a minimum of 24 inches of the debris tank width to provide stability and when dumping on uneven ground. The lift capacity of hydraulic scissors lift cylinder is 56,000 lbs.

Dump controls are located on curbside mid-ship of the unit, well forward of the dumping area for operator safety. A manual override system is provided in case of system failure.

The debris body has a five year warranty. A copy of manufacturer's warranty statement shall be enclosed with bid. If pro-rated so state: N/A

An internal polyethylene float device with external indicator is supplied to show when body is loaded to capacity.

AUTOMATIC VACUUM BREAKER

☒ Yes ☐ No

The automatic vacuum breaker assembly is located inside the body.

The automatic vacuum breaker assembly shall be controlled by an electric over hydraulic circuit. The entire

system shall be replaceable via a bolt on assembly. The assembly shall consist of a 12" inlet and two 8" ports that provide air flow to the vacuum system.

A full indication activates an automatic vacuum breaker shut down system that completely shuts down 100 percent of the airflow to the vacuum system to prevent overfilling and wastewater discharge into the atmosphere.

The vacuum breaker system is automatically activated (closed) when the parking brake system is released to eliminate carryover during transit.

The system is controlled/activated, at the front hose reel control station. This enables the operator to pick up large debris with boom and place debris on the road surface. This system can be used for safety in the event suction must be shut off in case of an emergency.

POSITIVE DISPLACEMENT BLOWER

☒ Yes ☐ No

A lobe type positive displacement blower shall be provided capable of 6000 CFM's and 18" of Hg. with cyclone separator. Control of the blower regarding start, stop and the rate of vacuum suction is performed from the front of the truck. A vacuum suction breaker disconnect switch is provided to enable operator to pick up large debris with boom and place debris on road surface. The vacuum system shall operate independent of the high-pressure water system.

The compressor is driven by the chassis engine via a closed loop hydrostatic system using a variable high volume piston pump and motor. The high volume displacement pump shall provide the same vacuum performance at 30% lower engine rpm. The lower operating rpm shall reduce fuel consumption by as much as 40%. This system shall include a heat exchanger for extreme ambient conditions and to maintain the pump suction oil temp at 160 deg. F. max. The heat exchanger shall be protected by a 30-micron filter and cold weather by pass valve. Hydrostatic loop filtration shall be accomplished by a 10 Beta micron return filter and a 10-micron Absolute (no bypass) charge filter.

The blower is protected by (2) two 3" diameter vacuum relief valves. The system incorporates an air/water separator and a sound silencer to separate material before it enters blower and to ensure quiet operation.

A means of starting, stopping and varying the vacuum suction from operator station at the front of the machine is provided.

The blower is mounted on a frame independent of the water tank.

Unit must be capable of vacuuming under water without air induction. A manometer/vacuum test may be required to demonstrate the system performance.

The positive displacement blower shall have a 12-month non-prorated warranty.

VACUUM PICK UP HOSE

☒ Yes ☐ No

Shall be front loading, attached at the front of the machine in order to provide ease of positioning the machine over the manhole, as well as afford maximum safety for the operator.

The 8" will be mounted on a boom that will provide a minimum of 18' vertical lift utilizing dual hydraulic cylinder and 230 degree of boom rotation powered hydraulically for non-interrupted smooth movement. Boom to have a lift capacity of 500 lbs. at the front bumper.

The boom will be powered by an electric over hydraulic system: up/down by dual lift cylinders. The right/left movements shall be hydraulic via worm gear rotation.

The boom shall hydraulically telescope a minimum of 10 ft. forward from the operators station. The height of the boom shall not change while the boom is being telescoped. A manual override system shall be provided for right/left, and up/down functions in case of system failure.

Control of the boom is by means of a joystick control at the operator's station, requiring no cables at operator's feet for boom operation. A wireless remote control will be provided for Boom, Vacuum Breaker, Chassis Throttle, and Debris Body functions. A manual override system shall be provided for right/left, and up/down functions in case of system failure.

A boom coverage chart shall be provided stating the square feet the boom covers.

8 inch diameter pipe extensions with clamps will be provided and carried on the truck as follows:

- 1 6-1/2' Catch Basin Nozzle
- 3 6' Aluminum Pipe Extension
- 1 5' Aluminum Pipe Extension
- 1 3' Aluminum Pipe Extension
- 2 spare quick clamps

WATER SUPPLY

☒ Yes ☐ No

The water tanks shall have a minimum usable capacity of 1000 U.S. gallons.

The water tanks shall be constructed of non-corrosive, non-metallic, durable, cross-linked polyethylene to eliminate rust, corrosion, and stress cracking.

The water tanks shall be mounted at and below the truck frame level to provide a low center of gravity for truck stability.

A 2-1/2 inch diameter x 25 feet long hydrant hose with hydrant wrench is supplied on the unit.

An anti-siphon fill device is installed on the unit.

Inspection ports shall be provided to fill or to add chemicals to the water system.

A sight gauge to indicate water level is located within sight of the operator station.

The water tanks are protected by a minimum of 11 gauge steel plating mounted below the water tanks for protection against road hazards when unit travels over the road, off the road or to land fills.

The water tanks carry a ten year replacement warranty.

AUXILIARY ENGINE (WATER PUMP DRIVE ENGINE)

☒ Yes ☐ No

Ford Power Products Gas WSG-1068, 6.8 Liter, (415 CID) (10)-Cylinder, V-10, 222HP

HIGH-PRESSURE WATER PUMP

☒ Yes ☐ No

The high pressure water pump shall be rated to deliver smooth continuous pressure and flow through the entire flow range of the pump. The high pressure shall have smooth continuous flow for both the high pressure system and the hand gun system.

A continuous duty flow of 80 g.p.m. and 2000 p.s.i shall be provided.

High-pressure relief valves are provided for both the high-pressure system and hand gun system.

The water pump operates independently of the vacuum system and is powered by the auxiliary engine via clutchless, direct dual powerband drive system.

The high-pressure water pump drive system carries a five year replacement warranty. Warranty excludes the drive engine, i.e. auxiliary engine.

The water pump is capable of running dry.

Controls for starting and stopping the water pump and to vary the flow and pressure shall be at the front hose reel operator's station.

The high-pressure water pump is equipped with a cold weather drain valve. The valve allows the operator to completely drain the high-pressure pump.

HOSE REEL ASSEMBLY

☒ Yes ☐ No

The hose reel assembly is mounted on the front of the vehicle. The hose reel shall have a minimum of 30" inside diameter with a capacity of 800' x 1" hose. The hose reel is equipped with a cage - Lexan style. The hose reel is hydraulically powered in both directions by means of a double chain and sprocket drive. The controls for operating the motor have a flow control device to regulate the rotational speed of the reel in both directions. All hydraulic hoses are behind a steel housing to protect operator from hydraulic oil if a hose fails. The hydraulic motor, chain, and sprockets have a protective cover or are mounted on the radiator side of the hose reel for operator safety. The hose reel articulates 180 degrees to the driver's side allowing operator to work in any position through this arc. This allows greater flexibility in truck placement for manholes located in tough areas and provides greater

safety to the operator. Reel extends beyond the width of unit for greater flexibility for positioning reel over offset manholes, catch basins, etc. A hydraulically controlled outrigger leg is supplied that comes in contact with the ground at any one position. A warning light is located in the cab to warn the operator that the outrigger leg is not in its transported position prior to moving the unit. A manual bypass system for the hose reel assembly is provided to manually pull the reel assembly away from its transported position. This feature allows operator to check fluids without starting engines.

JET HOSE

☒ Yes ☐ No

800' x 1" jet rodder hose will be supplied rated for 2500 psi working pressure and 6250 psi burst pressure.

A heavy duty hose guide with 25' of nylon rope will be provided.

Nozzles shall be hardened steel with replaceable ceramic orifices as follows: 1) Chisel head penetrator & 1) standard sanitary.

MANHOLE CLEANING WATER SYSTEM (HAND GUN)

☒ Yes ☐ No

The high-pressure pump and independent water tank assembly supplied shall be used for manhole cleaning. A smooth continuous flow of 20 g.p.m. and pressure of 600 p.s.i. shall be provided for ease of operation. A hand gun pressure relief valve set at 600 p.s.i. shall be provided. One full functioning hand gun with on/off hand control, replaceable nozzle tip, 12 inch extension, adjustable spray and 50' x 1/2" hose with retractable reel will be provided.

The hand gun will attach to the system via a quick couple connection at the curbside of the unit. To avoid being coiled at the operator's station a hand gun holder will be provided at the front bumper.

HYDRAULIC SYSTEM AND LUBRICATION

☒ Yes ☐ No

The hydraulic system has a 55-gallon capacity.

The hydraulic system shall incorporate a main shut off valve in case of hydraulic failure.

The hydraulic system shall incorporate hydraulic pressure relief valves and pressure gauges for ease of trouble shooting and maintenance.

The unit is equipped on the passenger side, mid-section of the module, a permanent weatherproof white vinyl lubrication chart that points out lubrication points on the module and specifies what type of lubrication and hydraulic fluids are required. The chart also specifies the frequency of each lubrication point.

Remote plumbed grease fittings are provided for the vacuum compressor, boom rotation, and water pump drive areas.

ACCESSORIES

☒ Yes ☐ No

A minimum twelve (12) month manufacturer's guarantee on the unit will be provided.

2) 35" x 14" x 24" side mounted tool boxes will be provided.

1 Debris body power flush out system

1 Rear mounted hydraulic pump off system, 400 gpm w/20' lay flat hose

Gravity drain system consisting of plumbing to the mid-passenger side of the unit. Includes a 3" knife valve with cam-lock connection, 30' of layflat hose with storage rack allowing return of liquids to the manhole without having to reposition vehicle.

1 Front Gate Valve for use with Gravity Drain Option

1 Wear plate, swing style

1 Air purge system

1 1/4 turn ball valve water drain

1 Variable flow valve

1 Lazy Susan style, deck mounted pipe rack, holds 5 pipe

1 Storage box behind cab, 16" x 42" x 96"

1 Lateral Cleaning Kit w/200' x 1/2" Hose w/Nozzle, Permanently Mtd, Electronically Controlled

- 1 Hose footage counter, curb side
- 1 Auxiliary engine remote oil drain
- 1 Remote boom grease zerk assembly, (accessible from ground level)
- 1 Remote debris tank grease zerk assembly (accessible from ground level)
- 1 Aluminum Dual Roller Level Wind Guide ilo standard
- 1 Nozzle rack
- 1 10' leader hose
- The hydraulic pump provides power for all hydraulic functions, except vacuum compressor drive, and is direct
- 1 mounted to the auxiliary engine gear drive adapter. It is not necessary to run the chassis engine to operate the machine hydraulics.
- 1 Water pump remote oil drain
- 1 Built in Body Prop - Rear Boom Support Mounted
- 1 12VDC auxiliary hydraulic pump
- 1 Traffic Camera with Color Monitor
- 1 Rear traffic camera
- 1 Front hose reel camera - to view front of hose reel area
- 2 Rear door drain flush out connection
- 2 Long handle storage/ (2) PVC
- 1 Long handle storage placement - mounted in storage box under shelf
- 1 Long handle storage placement - rear of mainframe
- 1 Cone storage rack

- 1 FMC water pump in lieu of the standard Giant water pump
- 1 Fill hose assy and storage 1.5" / 200',100',50'
- 1 Max height 12'
- 1 Greenle Pump Off With Gate Valve

LIGHTING

☒ Yes ☐ No

The entire module electrical system is vapor sealed to eliminate moisture damage.

All wiring is color-coded, labeled and run in sealed terminal enclosures.

All module circuits are protected by circuit breakers.

Clearance lights and reflectors are furnished in accordance with D.O.T. requirements.

- 1 4 LED strobes - (2) front bumper, (2) rear bumper - Whelen 50A03ZCR - Amber
- 1 LED Arrow stick - Whelen TAM85 Traffic Advisor
- 4 Limb guards for flood lights
- 1 LED Boom Mounted Flood Light - Whelen NP6BB Worklight
- 1 LED Rear Mounted Flood Lights - Whelen NP6BB Worklight

☒ Yes ☐ No

PAINT

Unit paint surface is shot blasted, primed and sanded prior to paint. Unit to be painted.

White

with DuPont Imron 5000 polyurethane paint.

Unit shall have reflective green side and boom stripes and rear door chevrons.

Chassis shall be painted manufacturers standard white.

TRAINING AND MANUALS

☒ Yes ☐ No

Operator training will be conducted by a factory-trained representative for a minimum of one day at the time of delivery. 3 copy(ies) of the operating and maintenance manual for the sewer cleaner module shall be provided upon unit delivery. An operational video will be provided with the unit.

MOUNTING AND DELIVERY

☒ Yes ☐ No

The unit described will be mounted on a truck chassis acceptable to the body manufacturer at the factory of the body manufacturer.

EXCEPTIONS AND DEVIATIONS:

Bidder shall fully explain every variance, exception, and or deviation to the bid specifications. Additional sheets/lines may be added if required.

N/A



W a r r a n t y - Dual Engine PD

VAC-CON, as seller, warrants all equipment manufactured by it and bearing its name shall be free from defects in material and workmanship, under normal use and service as determined by us, for a period of (12) twelve months from the date of delivery to the first retail purchaser.

Should any equipment or part of such equipment sold hereunder prove to be defective in material or workmanship within said period, and be returned to Seller's factory no later than 15 days after the expiration date of the warranty, transportation charges prepaid by the Buyer, and upon examination be found to be defective, such part will be replaced at the factory by the Seller free of charge, but the Seller shall be under no further liability in respect to such warranty. It is expressly understood that the Seller's liability is limited to furnishing of such replacement parts within a reasonable length of time and that the Seller will not be liable for any damages, losses or expenses arising in connection with the use of or inability to use the unit(s), including but not limited to, injuries to persons or damage to property, loss of profits or anticipated profits, or loss of vehicle use. Buyer shall be responsible for the payment of duties or taxes on warranty parts, if applicable. The Seller shall be under no liability because of normal wear and tear of operation or maintenance contrary to the manufacturer's official Operator's Manual. The Buyer accepts any liability for damage or injury resulting from the removal or alteration of safety guards and safety precautions provided on the unit at the time of delivery. This warranty shall not apply and VAC-CON shall have no liability under it or otherwise if the unit shall have been injured by accident, careless handling or improper applications or if any repairs have been made to the unit by other than VAC-CON, its agents or employees.

Warranties covering major components not of VAC-CON manufacture (power plants, hydraulics, trucks, vacuum compressors, transmissions, electrical components, batteries, tires, etc.) are warranted by their respective manufacturers.

We give no warranty express or implied, as to description, quality, productiveness or any other matter and the Buyer hereby waives the right of refusal and return of the goods which is usually connected with non-warranty.

It is the sole responsibility of the purchaser to use this equipment in an appropriate application and a safe manner. VAC-CON assumes no responsibility or liability for its misuse.

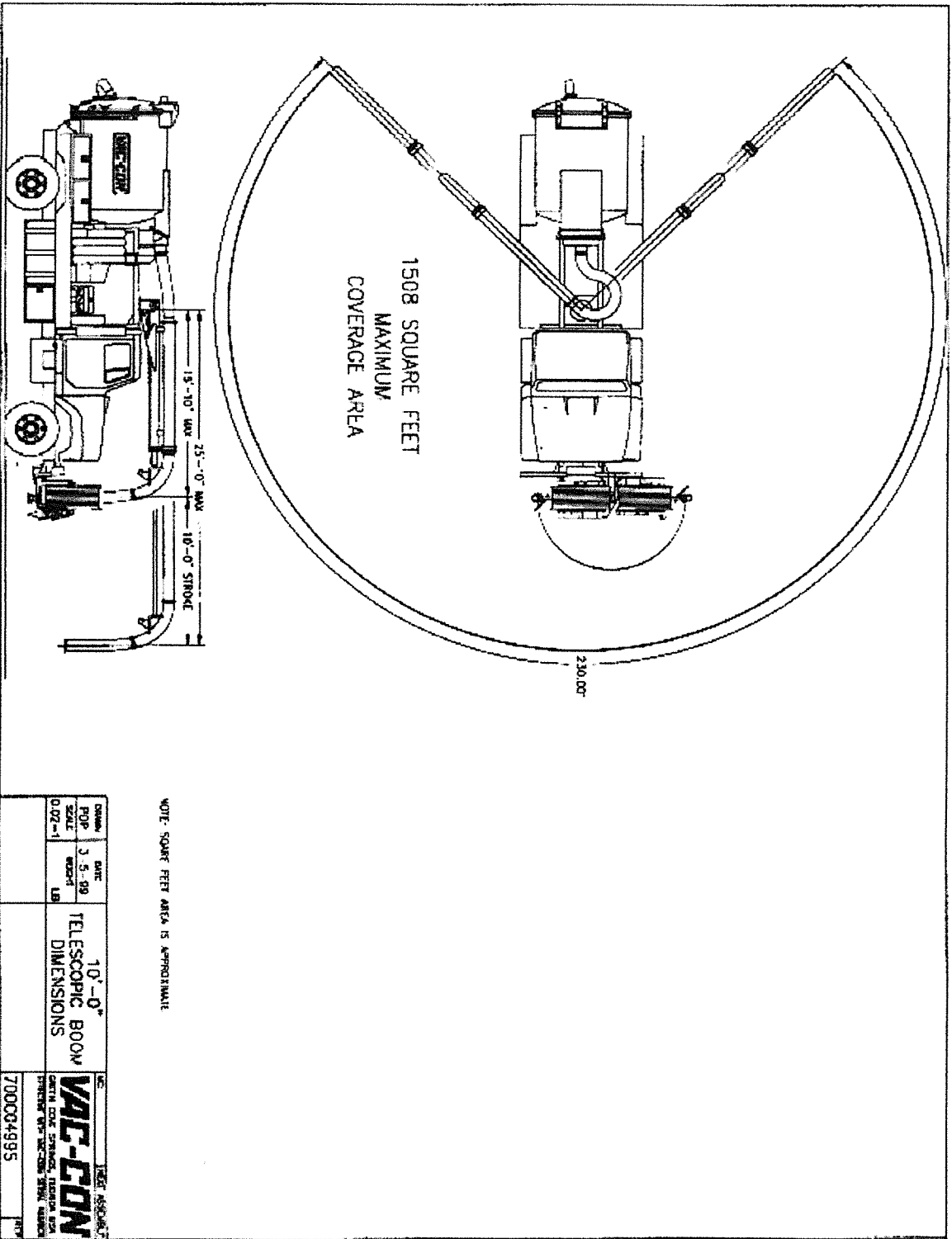
FIVE (5) YEAR WARRANTY:

VAC-CON warrants that the auxiliary engine water pump drive components (excluding engine and pump) and debris tank shall be free from defects in material and workmanship, under normal use and service as determined by the manufacturer, for a period of sixty (60) months (not pro-rated) from the date the unit is first placed into service.

TEN (10) YEAR WARRANTY:

VAC-CON warrants that the fresh water tanks shall be free from defects in material and workmanship, under normal use and service as determined by the manufacturer, for a period of one hundred twenty (120) months (not pro-rated) from the date the unit is first placed into service.

This warranty is not transferable.





WORK SMART™

FREIGHTLINER TRUCKS GOVERNMENT & MUNICIPALITY



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YOU CAN JUST WORK HARD. OR YOU CAN WORK SMART.



114SD Set-forward Axle

Fixing roads, plowing snow and responding to emergencies are all in a day's work. And citizens depend on their government to be prepared for these jobs and more. So wouldn't it be nice to have a fleet of tough and dependable trucks?

At Freightliner Trucks, we understand the pressure and responsibility you face. That's why we design and build trucks that not only perform their jobs well, they're ready for work every day. In fact, we offer a complete range of vehicles, from

the dependable M2 106 and M2 112 to our Severe Duty trucks, the 108SD and 114SD. These trucks offer all the features you would expect: front frame extensions and radiator-mounted grilles for bumper-mounted attachments; front and rear engine power take-offs; and body-specific chassis layouts that give Truck Equipment Manufacturers (TEMs) the flexibility they need. Simply put, we don't just make our trucks versatile. We make them smart.

BUILT TOUGH TO WORK SMART.

We've applied sophisticated engineering to the structural elements of our work trucks. For starters, our cabs are lightweight, yet extremely tough. Corrosion-resistant aluminum is reinforced with e-coated steel and assembled to precise manufacturing tolerances with Henrob rivets and welded construction. This process produces a durable and safe cab that meets stringent A-pillar impact, rollover and back wall impact tests. Plus, the chassis includes a robust backbone with a complete offering of single and double channel frame rails. The result is a tensile strength of up to 120,000 psi and an RBM ratio up to 4.4 million inch-pounds per rail. This means our trucks can handle whatever your municipality needs them to do, day after day and year after year.



Aluminum Structural Reinforcements

E-coated Steel Reinforcements

Corrosion-resistant Aluminum Panels

- Corrugated floor, roof and back-of-cab panels for added strength
- Meets Swedish A-pillar test standards and SAE J2422 roof strength requirements
- Available in day cab, extended cab or 4-door crew cab configurations
- 2,500 square-inch one-piece windshield for outstanding job site visibility
- Wide door openings with low step-in height for safe entry and exit
- Steel firewall for solid mounting of dash panel and driver controls



Components, systems and entire vehicles are subjected to an array of virtual and physical tests to ensure our trucks deliver the expected function, performance and reliability.

WE'VE ASSEMBLED A TOUGH CREW WITH A READY-TO-WORK ATTITUDE.



M2 106

SO MANY JOBS. ONE AMAZING TRUCK.

Freightliner's M2 106 is one of the most versatile trucks on the road. This medium-duty vehicle comes standard with a powerful yet fuel-efficient Cummins ISB or optional ISC engine for increased efficiency through great fuel economy and easy maintenance. Working in a challenging environment requires a truck that's agile and easy to drive, which is why the M2 was engineered with a turning radius that is one of the tightest in the industry. And its automatic transmission is easy on new and experienced drivers alike.

Because driver comfort is key for maximum driver performance, this truck features a spacious cab with low step-in height, an advanced heating and cooling system and a smooth, quiet ride. With a multiplex wiring system, clear frame rails and a variety of exhaust packages, you can get the configuration you need for the job at hand.

- Ideal for utility, stakebed and refuse applications
- GVWR up to 56,000 pounds
- Horsepower from 200 – 350 hp
- Torque ratings up to 1000 lb-ft



108SD

RUGGED AND VERSATILE WORK WELL TOGETHER.

Freightliner's 108SD set-back axle delivers a new level of performance and reliability. With its aluminum cab, 108-inch BBC, 42-inch set-back axle position and tilt hood with radiator-mounted stationary grille, this truck is the ideal vehicle for a municipal fleet. The 108SD comes standard with the Cummins ISC or optional ISB engine for excellent fuel economy and easy maintenance. Up to a 50-degree wheel cut means excellent maneuverability, even in the tightest streets. And, with our mid-chassis packaging, the 108SD is an easy body upfit.

- Ideal for sewer vacuum, tandem dump trucks and refuse applications
- GVWR up to 79,000 pounds
- Horsepower from 200 – 350 hp
- Torque ratings up to 1000 lb-ft





M2 112

FOR WHATEVER WORK YOU NEED DONE.

The dependable, reliable M2 112 is another one of Freightliner's high-performing work trucks, engineered with the kind of power to make a positive impact on your fleet's productivity. You can have it powered by a Cummins ISC, ISL, Cummins Westport ISL G (natural gas - *shown above*), or a Detroit™ DD13® engine with BlueTec® SCR emissions technology. It features a SmartPlex™ Electrical System and a variety of horizontally-mounted exhausts, so you can get the configuration you want without affecting your bottom line. And, with more custom options and safety features than ever before, the M2 112 is a smart choice for your community.

- Ideal for tractor, fire/emergency service and refuse applications
- GVWR up to 62,000 pounds
- GCWR up to 80,000 pounds
- Horsepower from 260 – 470 hp
- Torque ratings up to 1650 lb-ft



114SD

HANDLES DUMPING, PLOWING AND HEAVY LIFTING.

Freightliner's 114SD features a 114-inch BBC and is available as a set-forward axle or set-back axle. The weight-optimized design of the workhorse 114SD keeps pace with your increasing demands and tough challenges. A range of options, including axles, frames and the widest availability of engine choices – Detroit™ DD13® or Cummins ISC, ISL and ISL G – let you spec for regional- and application-specific needs. The 114SD offers excellent visibility, with a clear back-of-cab chassis for easy upfit by equipment manufacturers. Legendary Freightliner quality, insightful, industry-specific innovations and a comprehensive warranty all make the 114SD the perfect vehicle to meet your most severe duty needs.

- Ideal for quad dump trucks, snow plows and high-capacity sewer vacuum applications
- GVWR up to 60,000 pounds (single axle), 80,000 pounds (tandem axle) or 91,000 pounds (tridem axle)
- Horsepower from 260 – 470 hp
- Torque ratings up to 1650 lb-ft



CONFIGURED FOR COMFORT AND CONTROL.

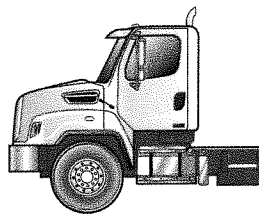
Every aspect of a Freightliner cab was designed to make the driver's job easier, leading to increased productivity. For example, strategically-designed wide cabs provide room between the seats for easy installation of the control tower. To reduce fatigue for drivers who make frequent stops, our lightweight, steel reinforced cab features a low step-in

height with slip-resistant dual steps, a large door opening and strategically-placed exterior and interior grab handles. For safety, the cab's hood slopes downward for better line-of-sight, and a 2,500 square-inch windshield provides excellent visibility for spotting potential hazards. Freightliner vehicles offer a variety of cab configurations.

CAB CONFIGURATIONS AT-A-GLANCE

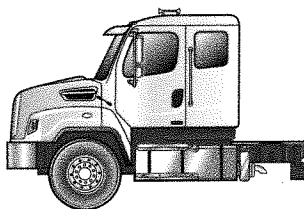
	M2 106	108SD	M2 112	114SD
GVWR	Up to 56k	Up to 79k	Up to 62k	Up to 91k (tridem)
Set-forward Axle				•
Set-back Axle	•	•	•	•
Day Cab	•	•	•	•
Extended Cab	•	•	•	•
Crew Cab	•	•	•	Set-back axle only
Sleeper	Extended cab with bunk	Extended cab with bunk	Extended cab with bunk	Extended cab with bunk

CAB CONFIGURATIONS



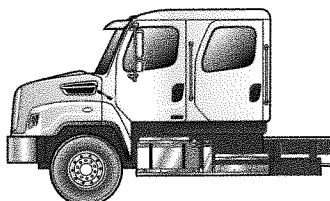
DAY CAB

- Full width bench seat
- Fixed or air suspension driver and passenger seats
- Passenger seats with storage or locking safe provisions



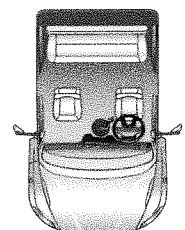
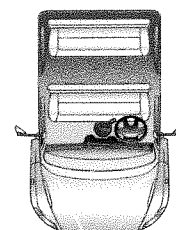
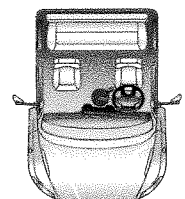
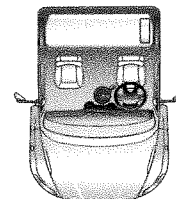
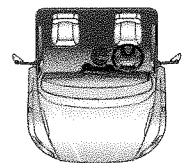
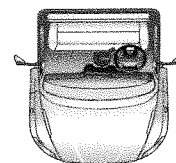
26" EXTENDED CAB

- 24" liftable bunk with storage
- Full-width rear bench seat or forward-facing rear jump seats
- Fixed or tip-out tinted side rear windows
- Cab privacy curtain



48" CREW CAB

- Rear bench or individual seats including air-suspended
- Electric rear door windows



TOUGH OUTSIDE. SMART INSIDE.



When you step inside a Freightliner truck, you'll definitely understand what it means to work smart. The driver-friendly dash features controls and switches within easy reach of the driver. The analog gauges are backlit with LED lights for easy readability. And our SmartPlex™ Electrical System provides optimal switch customization. Even the dash structure is designed with fewer sections, making it one of the quietest and most durable dashboards we've ever made.



114SD wing dash and interior (above and above left)

ALL-WHEEL DRIVE AND DUAL DRIVE OPTIONS

Freightliner's M2 trucks can be ordered with an all-wheel drive option and several combinations of axles and suspension for optimized performance. Available on the M2 106 and 108SD, the sit-down and stand-up dual drive option is an easy-to-use feature that allows smooth transitions from left-to-right-hand drive operations. Installed by Fontaine Modification, the right hand-drive option is ideal for use in refuse collection, road striping, street sweeping and other specialized applications.



Interior featuring the sit-down dual drive option



The all-wheel drive option available on M2 106 and 108SD models optimizes off-road performance

BETTER PERFORMANCE IS SMARTER GOVERNMENT.

POWER AND EFFICIENCY.

Because we're committed to helping you make the best overall decisions, a broad range of engine and transmission choices allows you to select the optimum combination to match virtually any municipal application.

Freightliner Trucks has embraced proven SCR emissions technology. Based on environmental advantages and payback to owners in less maintenance, increased fuel economy, better reliability and more uptime, SCR has proven to be a successful platform for EPA 2010 and beyond.

WE MADE THIS JOB EASY.

For starters, we offer several sizes of diesel exhaust fluid (DEF) tanks, so you can incorporate filling into your standard maintenance intervals. Next, we integrated the DEF gauge into the diesel fuel gauge. The gauge indicates the level of DEF in the tank and has a series of alerts when the tank is running low. A driver who ignores his DEF low level warnings will see de-rates and restrictions on his vehicle, but will never be stranded.



Detroit™ DD13® Engine



Cummins ISC Engine

M2 106

108SD

M2 112

114SD

ENGINES

Cummins ISB* 200 - 325 hp / 520 - 750 lb-ft torque	•	•		
Cummins ISC* 260 - 350 hp / 660 - 1000 lb-ft torque	•	•	•	•
Cummins ISL up to 380 hp / 1300 lb-ft torque			•	•
Cummins Westport ISL G (natural gas) up to 320 hp / 1000 lb-ft torque			•	•
Detroit™ DD13® 350 - 470 hp / 1250 - 1650 lb-ft torque			•	•

** Higher ratings are available for approved applications*

TRANSMISSIONS

Eaton Fuller Manual	•	•	•	•
Eaton Fuller Automated	•		•	•
Allison Transmission	•	•	•	•
Freightliner AMT³ Automated-Manual Transmission	•			

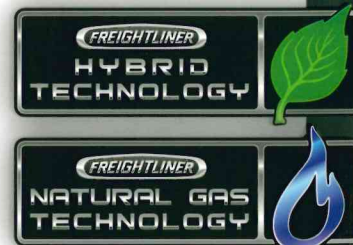
AXLES (UP TO)

Steer	16k	20k	16k	22k
Single Drive	30k	38k	30k	38k
Tandem	40k	46k	46k	58k
Tridem				69k

THE POWER OF GOING GREEN.

As the demand for environmentally-conscious products and services continues to grow, the M2 106 Hybrid and the M2 112 and 114SD LNG or CNG Natural Gas options are perfect for stop-and-go and high-idling vocational operations. Driving a hybrid or a natural gas-fueled vehicle delivers economic advantages today and environmental benefits for future generations. And, as a domestic fuel source, natural gas reduces our dependency on foreign oil.

Thanks to federal and state government incentives, your alternative fuels vehicle can save you money even before you get it on the road. Contact your local Freightliner Dealer to find out which state and federal rebates and incentives are available to you, so you can work smart from day one.



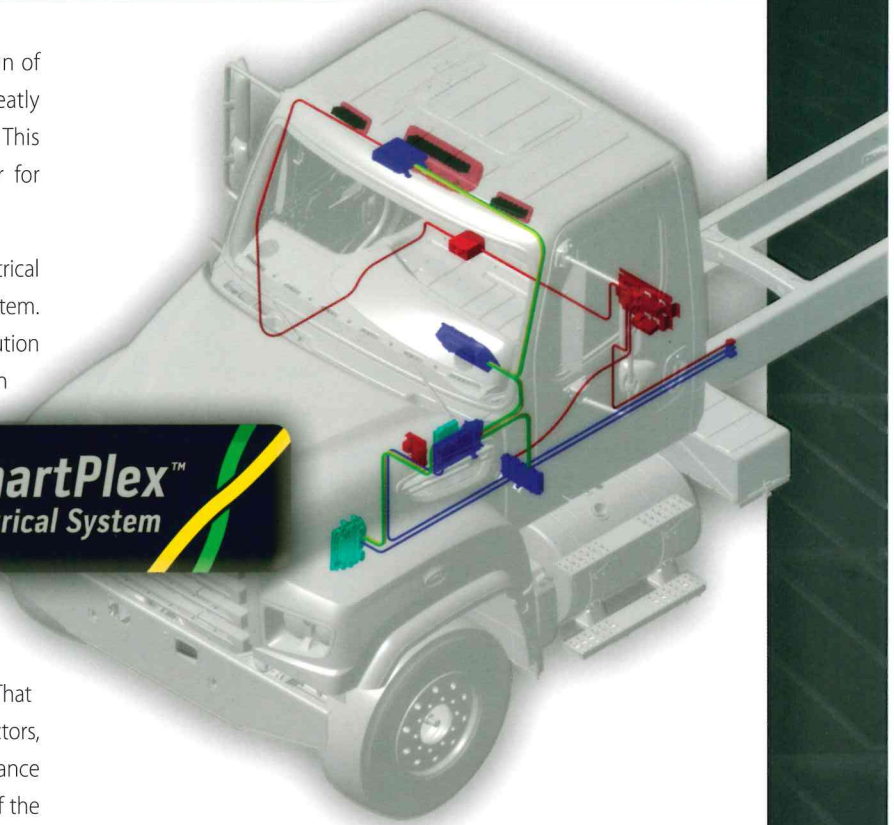
TRUCKS BUILT TO SERVE.

Truck Equipment Manufacturers (TEMs) love the efficient design of our trucks. Electrical, pneumatic and fuel lines have been neatly organized inside the left-hand rail for most applications. This relieves congestion at the back-of-cab, making access easier for body builders and service technicians.

We've also spent a decade developing and refining multiplex electrical wiring. Our latest evolution is the SmartPlex™ Electrical System. SmartPlex provides TEMs with the most efficient and reliable solution that will increase the ease of body integration and application programming, keeping customers on the road and working smarter.

PRIMARY BENEFITS OF THE SMARTPLEX ELECTRICAL SYSTEM:

- **Improved Reliability** - The multiplex wiring system reduces the number of wires by more than 40 percent, from 650 to 350. That means 300 fewer possible failure points, as well as fewer connectors, relays and fuses. Advanced solid-state components further enhance the reliability of the multiplex system, as does the relocation of the Power Distribution Modules inside the cab for corrosion prevention.
- **Greater Flexibility** - Configuring a truck's wiring system is easier than ever. Simply install specific switches where they are most convenient, then use ServiceLink to program them to do what you want them to do. If you want to move a switch from the dash to the overhead or vice versa, go ahead, there's no need to rewire or reprogram.
- **Easier Maintenance** - Onboard computers capture data, providing better diagnostic capability. If a problem occurs, the data is relayed to the dashboard, alerting the operator. This data also can be accessed using Freightliner's ServiceLink® software for diagnosis by a technician.



EXHAUST AFTER-TREATMENT OPTIONS

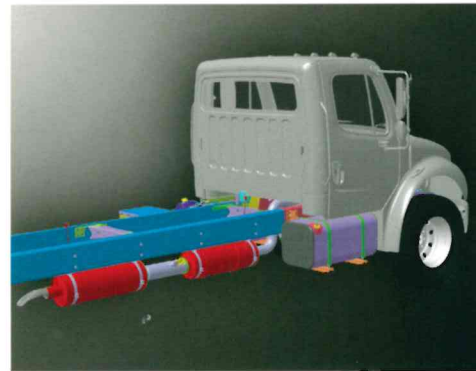


CLEAR BACK-OF-CAB TAILPIPE

Clear left-hand and right-hand transmission PTO mounting locations



CURBSIDE EXIT TAILPIPE



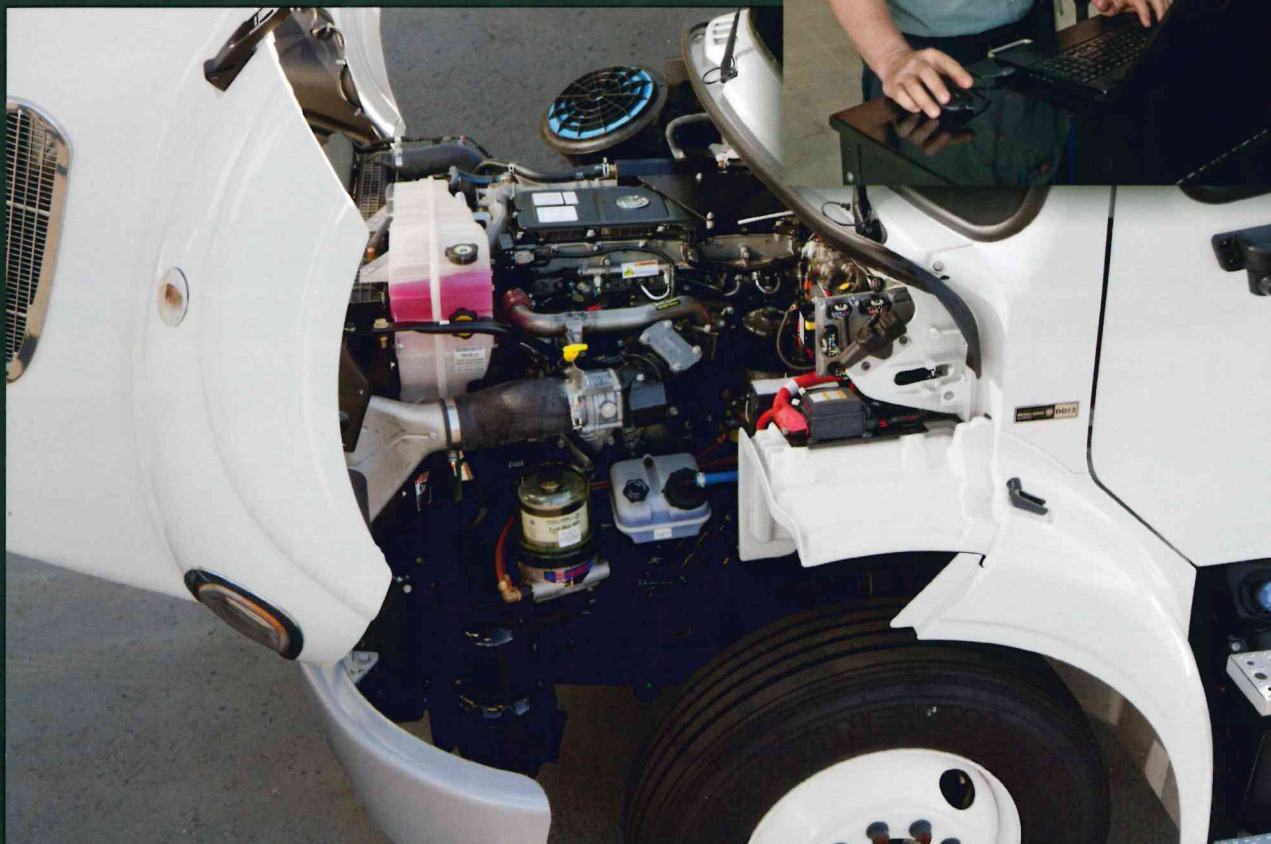
CLEAR UNDER-CAB TAILPIPE

MAINTENANCE MADE EASY.

We've designed these vehicles to be easy to maintain, with quick access to critical maintenance points. The hood opens easily and features integrated splash shields that lift out of the way for better accessibility. Frequently inspected components are strategically placed, allowing for faster repairs and adjustments. See-through fluid reservoirs reduce the time spent checking fluid levels, and a removable floor section allows access to the transmission without removing the floor covering.

The standard proprietary Donaldson PowerCore® air cleaner is designed to go longer between replacements, yet still traps 99.85 percent of airborne particles before they reach the engine. An optional pre-cleaner is available for the harshest environments. There's a lube-free steering shaft, a self-adjusting hydraulic clutch and suspensions that require no maintenance or lubrication. The truck's multiplex electrical system has about half the wires of a traditional electrical system, which reduces possible failure points and allows technicians

to more quickly pinpoint electrical problems. With Virtual Technician on board 24/7 monitoring your truck's Detroit™ engine and automatically diagnosing engine fault codes, you're able to stay on the road longer, be more productive on the job and remain in control of your business. Even the three-piece bumper (M2 106 or M2 112) was designed to save repair costs by allowing partial replacement. The result is a vehicle that spends more time on the road.



CHASSIS SPECIFICATIONS

GENERAL SUMMARY

114SD 4X2 AUTO

GVWR: 43000 LBS, FRONT: 20000 LBS, REAR: 23000 LBS

WB: 252" CA: 168.5" AF: 75"

ENGINE, DIESEL: CUM ISL 370 HP @ 2000RPM, 2100 GOV RPM, 1250 LB/FT @ 1400RPM

TRANSMISSION, AUTOMATIC: ALLISON 3000 RDS WITH PTO PROVISION

AXLE, FRONT NON-DRIVING: DETROIT DA-F-20.0-5 20000 LBS FL1 71.0 KPI/3.74
DROP SINGLE FRONT AXLE

AXLE, REAR, SINGLE: RS-23-160 23000-LB CAPACITY, RATIO 5.63

ELECTRONIC PARAMETERS

GOVERNOR: PTO GOVERNOR RAMP RATE – 200 RPM PER SECOND

ENGINE EQUIPMENT

CUMMINS ISL 370 HP @ 2000RPM, 2100 GOV RPM, 1250 LB/FT @ 1400RPM

AIR COMPRESSOR: CUMMINS TURBOCHARGED 18.7 CFM WITH INTERNAL SAFETY VALVE

EXHAUST SYSTEM: SINGLE, VERTICL TAILPIPE & GUARD

MUFFLER/TAILPIPE: AFTERTREATMENT, UNDER STEP MOUNTED

SWITCH, EXHAUST: CUMMINS EXHAUST BRAKE INTEGRAL WITH VARIABLE GEOMETRY TURBO WITH ON/OFF DASH SWITCH

JUMP START: POSITIVE AND NEGATIVE POSTS LOCATED ON FRAME NEXT TO STARTER

ALTERNATOR: DR 12V 160 AMP 28-SI QUADRAMOUNT PAD WITH REMOTE BATTERY VOLT SENSE

BATTERY SYSTEM: (2) ALLIANCE MODEL 1231, GROUP 31, 12 VOLT MAINTENANCE FREE 2250 CCA THREADED STUD BATTERIES

BATTERY BOX WITH COVER: NON-POLISHED

FUEL FILTER: CUMMINS SPIN ON TYPE

FUEL FILTER/ WATER SEPARATOR: ALLIANCE WITH PRIMER PUMP

OIL FILTER, ENGINE: COMBINATION FULL FLOW/BYPASS

FAN DRIVES: HORTON 2-SPEED DRIVEMASTER POLAR EXTREME FAN DRIVE

RADIATOR: 1300 SQ" ALUMINUM

ANTI-FREEZE: ANTIFREEZE TO -34F, NOAT EXTENDED LIFE COOLANT

HOSE CLAMPS, RADIATOR HOSES: GATES BLUE STRIPE OR EQUIVALENT, CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES

AIR CLEANER: DONALDSON, SIDE OF HOOD AIR INTAKE WITH FIREWALL

STARTING MOTOR: DELCO 38MT HD 12V WITH INTEGRATED MAGNETIC SWITCH

TRANSMISSION EQUIPMENT

ALLISON 3000RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION

TRANSMISSION OIL PAN: MAGNETIC

TRANSMISSION SHIFT CONTROL: PUSH BUTTON, ELECTRONIC, DASH MOUNTED

ALLISON VOCATIONAL PACKAGE 223 – AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH, AND TRV

SHIFT CONTROL PARAMETERS: PRIMARY AND SECONDARY – LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6

PTO EFFECTS, ENGINE FRONT: MOUNTED RH SIDE OF MAIN TRANSMISSION

WIRING, CHASSIS: VEHICLE INTERFACE WIRING WITH BODY BUILDER CONNECTOR MOUNTED BACK OF CAB

FRONT AXLE AND EQUIPMENT

DETROIT DA-F-20.0-5 20000 LBS FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE

BRAKES, FRONT, AIR-CAM: MERITOR 16.5X6 Q+ CAST SPIDER CAM

SLACK ADJUSTERS, AUTOMATIC: MERITOR, FRONT

DUST SHIELDS: FRONT BRAKE

STEERING GEAR: TRW THP-60 WITH RCH45 AUXILIARY GEAR

POWER STEERING: 4 QUART POWER STEERING RESERVOIR

FRONT SUSPENSION

SUSPENSION, FRONT: 20000LBS CAPACITY, WITH SHOCK ABSORBERS

SPRING PINS: GRAPHITE BRONZE BUSHINGS WITH SEALS

REAR AXLE AND EQUIPMENT

AXLE, REAR, SINGLE: RS-23-160 23000 LBS CAPACITY, RATIO 5.63

REAR AXLE DRAIN PLUG: MAGNETIC FOR SINGLE REAR AXLE

DUST SHIELDS: REAR BRAKE

SLACK ADJUSTERS, AUTOMATIC: MERITOR, REAR

BRAKE CHAMBERS, REAR AXLE: HALDEX GOLDSEAL LONGSTROKE 1-DRIVE
AXLE SPRING PARKING CHAMBERS

BRAKES, REAR, AIR-CAM: MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES,
DOUBLE ANCHOR, FABRICATED SHOES

REAR SUSPENSION

SUSPENSION, RR, SPRING-2.25" AXLE SPACER

SUSPENSION, REAR, SINGLE: 30000 LBS CAPACITY, STANDARD U-BOLT PAD,
FORE/AFT CONTROL RODS

BRAKE SYSTEM

BRAKE SYSTEM: WABCO 4S/4M ABS WITHOUT TRACTION CONTROL

BRAKE LINES: REINFORCED NYLON, FABRIC BRAID, AND WIRE BRAID CHASSIS
AIRLINES

DRAIN VALVES: STANDARD BRAKE SYSTEM VALVES

PARKING BRAKE VALVE: FOR TRUCK, STANDARD

AIR BRAKE, ABS: {WABCO ANTILOCK BRAKE SYSTEM}

AIR DRYER: BW AD-IP WITH HEATER

AIR DRYER LOCATION: MOUNTED OUTBOARD ON RH RAIL BACK OF CAB,
MAXIMUM 20" BACK OF CAB PROTRUSION

FUEL TANKS

FUEL TANK: 100 GALLON, ALUMINUM-LH, 25" DIAM., PLAIN ALUMINUM/PAINTED
STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS

FUEL FILTER/WATER SEPARATOR: ALLIANCE, WITH PRIMER PUMP

TIRES

TIRE, FRONT: MICHELIN XZY-3 425/65R22.5 20 PLY RADIAL

TIRE, REAR: MICHELIN XDE M/S 11R22.5 14 PLY RADIAL

WHEELS

WHEELS, FRONT: ALCOA LVL ONE 82462X22.5X12.25 10-HUB PILOT 4.68 INSET 10-
HAND ALUMINUM DISC, WITH PRE-SET BEARING IRON FRONT HUBS

WHEELS, REAR: ALCOA LVL ONE 88367X22.5X8.25 10-HUB PILOT ALUMINUM DISC,
WITH PRE-SET BEARING IRON REAR HUBS

CAB EXTERIOR

GLASS: ALL WINDOWS TINTED

GRAB HANDLE: LH AND RH SIDES

GRILLE: STATIONARY, BLACK FINISH

FRONT END: FIBERGLASS HOOD

HEADLIGHTS: INTEGRAL HEADLIGHT/MARKER ASSEMBLY

HORN: SINGLE, ELECTRIC

PARKING LIGHT: INTEGRAL WITH LED STOP/TAIL/TURN/BACKUP LIGHTS

RUNNING LIGHT: DAYTIME – LOW BEAM ONLY

STOP, TURN, TAIL & B/U LIGHTS: GROTE #54332, GROMMET MOUNTED WITH
SEPARATE GROTE #62401 LED BACKUP LIGHTS

MIRRORS: DUAL WEST COAST MOLDED-IN COLOR, DOOR MOUNTED, LH AND RH
8" MOLDED-IN COLOR CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS

CAB INTERIOR

CAB: CONVENTIONAL, OPAL GRAY VINYL

ARM RESTS: LH AND RH INTEGRAL DOOR PANEL

CLEARANCE/MARKER LIGHTS: LED AERODYNAMIC MARKER LIGHTS

CUP HOLDERS: (2) CUP HOLDERS LH AND RH DASH

DOME LIGHT: 3-WAY SWITCH ACTIVATED BY LH AND RH DOORS

CIGAR LIGHTER: WITH ASH TRAY, DASH MOUNTED

SEAT, DRIVER: BASIC HIGH BACK AIR SUSPENSION SEAT WITH MECHANICAL
LUMBAR AND INTEGRATED CUSHION EXTENSION

- SEAT BELT: 3-POINT FIXED D-RING RETRACTOR

SEAT, PASSENGER: BASIC HIGH BACK NON-SUSPENSION SEAT

- SEAT BELT: 3-POINT FIXED D-RING RETRACTOR

AIR CONDITIONER: HEATER AND DEFROSTER

- CLAMPS, HEATER: STANDARD HEATER PLUMBING

HVAC: STANDARD HVAC DUCTING

CONSOLE, OVERHEAD: FORWARD ROOF MOUNTED CONSOLE WITH UPPER
STORAGE COMPARTMENTS WITHOUT NETTING

DOOR TRIM PANELS: MOLDED PLASTIC DRIVER AND PASSENGER DOOR PANELS

FLOOR COVERING: BLACK MATS WITH SINGLE INSULATION

INSTURMNET PANEL: MOLDED PLASTIC, GRAY DRIVER AND CENTER

STORAGE POCKET: IN DASH STORAGE BIN

SUN VISOR: DRIVER AND PASSENGER INTERIOR SUN VISORS

STEERING COLUMN: FIXED

STEERING WHEEL: 4 SPOKE 18" DIAM

ELECTRICAL SYSTEM: 12 VOLT NEGATIVE GROUND SYSTEM

INSTRUMENTS AND CONTROLS

INSTRUMENT PANEL: GRAY DRIVER AND CENTER

HAZARD SWITCH: INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS

HEADLIGHT DIMMER: INTEGRAL WITH SELF-CANCELLING TURN SIGNAL HANDLE

STARTER SWITCH: ELECTRIC KEY OPERATED

TURN SIGNAL SWITCH: SELF-CANCELLING FOR TRUCKS

TURN SIGNALS, FRONT: INTEGRAL ELECTRONIC FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS

WINDSHIELD WIPER, SWITCH: INTEGRAL WITH TURN SIGNAL HANDLE

WINDSHIELD WIPER: SINGLE ELECTRIC MOTOR WITH DELAY

RADIO: AM/FM/WB RADIO WITH FRONT AUXILIARY INPUT, DASH MOUNTED

- SPEAKERS: (2) SPEAKERS IN CAB
- ANTENNA: AM/FM MOUNTED ON FORWARD LH ROOF

CRUISE CONTROL: ELECTRONIC WITH SWITCHES IN LH SWITCH PANEL

ENGINE SHUTDOWN: IGNITION CONTROLLED ENGINE STOP WITH CONTROL MOUNTED AT FIREWALL

GAUGE, AIR PRESSURE: LOW AIR PRESSURE LIGHT AND BUZZER

GAUGE CLUSTER: 2" ELECTRIC FUEL GAUGE, ELECTRIC ENGINE OIL PRESSURE GAUGE, ELECTRONIC 3000 RPM TACHOMETER, DIGITAL VOLTAGE DISPLAY

ODOMETER DISPLAY: TRIP/HOUR/DIAGNOSTIC/VOLTAGE /26 WARNING LAMPS

COLOR AND DESIGN

PAINT SCHEMATIC: L0006EB WHITE ELITE

PAINT TYPE: HIGH SOLIDS POLYURETHANE CHASSIS PAINT

OTHER FACTORY CHARGES

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

FEDERAL EMISSIONS: 2013 OBD/2010 EPA/CARB/GHG14 ESCALATOR



114SD Set-back Axle



114SD Set-back Axle



M2 106



WORK SMARTSM

WE'VE GOT YOU COVERED.

UNMATCHED SERVICE AND SUPPORT.

With more than 300 Freightliner dealer locations across North America, you're never far from the convenient service and support you have come to expect from the industry leader. In addition, more than 200 Freightliner ServicePoint® facilities located at TravelCenters of America and Petro Stopping Centers offer certified repair and warranty work. When you need a factory-certified technician, Detroit offers more than 800 locations in North America.

Freightliner also maintains strategically located parts distribution centers throughout North America, ensuring fast parts delivery to keep customers up and running.

Freightliner's Customer Assistance Center provides customers a hotline that's available 24 hours a day, seven days a week. Customers may call the toll-free number (1-800-FTL-HELP) for technical support, to arrange roadside assistance or towing services, or to locate the nearest dealer or service center.

A SIMPLE PURCHASE PROCESS THAT'S SECOND TO NONE.

Purchasing a truck is one of the most important decisions you make. Freightliner makes the buying process easy, with highly trained sales consultants and one of the largest dealer networks in the industry, so businesses don't have to look far for their next purchase. Count on Freightliner dealers for reliable product information, truck parts and service, and ongoing customer support.

FINANCING IS EASY.

Daimler Truck Financial (DTF) offers a variety of options, including loans and leases tailored to the trucking industry, that make financing go smoothly. DTF has been meeting the financing challenges of owner-operator and vocational customers for more than 30 years. It offers finance solutions including conventional retail financing at attractive and competitive rates, a variety of terms to match cash flow, and up to 100% financing for qualified customers.

Daimler Truck Financial

Financing that works for you.



COMPREHENSIVE WARRANTIES FOR ADDED PEACE OF MIND.

Freightliner stands behind its trucks every step of the way. We offer one of the most comprehensive warranties in the business, as well as a variety of extended warranties.

BETTER PARTS. GOOD PRICES.

Alliance Truck Parts offers a range of new and remanufactured maintenance, repair and replacement parts and accessories for virtually all types of heavy-duty trucks at an affordable price. Alliance Truck Parts are sold at Freightliner dealers throughout the U.S. and Canada.



FREIGHTLINERTRUCKS.COM/WORKSMART



WORK SMART

Competitive financing available through Daimler Truck Financial. For the Freightliner Trucks Dealer nearest you, call 1-800-FTL-HELP. www.freightlinertrucks.com. 15M, 1/2012. FTL/MC-B-1100. Specifications are subject to change without notice. Freightliner Trucks is registered to ISO 9001:2008 and ISO 14001:2004. Copyright © 2012. Daimler Trucks North America LLC. All rights reserved. Freightliner Trucks is a division of Daimler Trucks North America LLC, a Daimler company.