



April 13, 2023

To: Jefferson Parish  
Purchasing Department  
P.O. Box 9  
Gretna, LA 70054-0009

**RE: Bid Number 50-00141645**  
**Purchase of a Combination Vacuum/Cleaning Truck**  
**for the Public Works Department**  
**DUE: April 13, 2023 at 2:00 P.M.**

Jack Doheny Company is pleased to present a proposal for Jefferson Parish. The proposed equipment has been designed and manufactured to exact world-class standards and meets and exceeds specification without exception.

Jack Doheny Company is committed to world-class customer service. We will stand behind your purchase with certified technicians and staff from our Gonzales, Louisiana Service Center. Additionally, our \$10 million parts inventory means you will not have to wait for parts or supplies.

Please review this proposal at your earliest convenience and call if you have any questions or need additional information. I look forward to speaking with you soon.

Sincerely,

A handwritten signature in black ink, appearing to read "Neil Lemoine", is written over the word "Sincerely,". The signature is fluid and cursive, with a large loop at the beginning and end.

Neil Lemoine  
Regional Sales Representative  
Jack Doheny Company.



**Bid Number 50-00141645**

**A Purchase of a Combination Vacuum/Cleaning Truck for the  
Public Works Department**

**BID DUE: April 13, 2023 AT 2:00 P.M.**

**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 on the Purchasing Department's eProcurement site, [www.jeffparishbids.net](http://www.jeffparishbids.net), by the bid due date and time. Late bids will not be accepted.**

**Jefferson Parish Purchasing Department  
200 Derbigny Street  
General Government Building, Suite 4400  
Gretna, LA 70053  
Buyer Name: Doris Abraham  
Buyer Email: [DABRAHAM@jeffparish.net](mailto:DABRAHAM@jeffparish.net)  
Buyer Phone: 504-364-2690**

## BID SPECIFICATIONS FOR BID NO. 50-00141645

### SPECIFICATIONS - COMBINATION SEWER CLEANER

#### **GENERAL**

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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.

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. The machine shall have a total of 510 available horsepower. The auxiliary engine, water pump, vacuum compressor, debris body and boom support assembly shall be mounted to a single unitized welded sub-frame.

#### **DEBRIS BODY**

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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.

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 90-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: \_\_\_\_\_

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

#### **AUTOMATIC VACUUM BREAKER**

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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.

## BID SPECIFICATIONS FOR BID NO. 50-00141645

### **POSITIVE DISPLACEMENT BLOWER**

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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 piston pump and motor. 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 bypass 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 has a 12-month non-prorated warranty.

### **VACUUM PICK UP HOSE**

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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 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**

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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.

## BID SPECIFICATIONS FOR BID NO. 50-00141645

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 carry a ten-year replacement warranty.

### **AUXILIARY ENGINE (WATER PUMP DRIVE ENGINE)**

GM Power Solutions International (PSI) 5.7 Liter, (350 CID) (5,736.5 cc) Naturally aspirated (8)-Cylinder, 140HP. Fuel and emission control system that meets Tier II EPA/CARB emission regulations for LSI engines. The ignition system start stop switch will be located at the operator's station. The auxiliary engine shall be shrouded and have a hinged door on the driver's side of the unit. The engine oil dipstick shall be accessed from the ground level on the driver's side.

### **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 handgun 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 handgun 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**

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. 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 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

## BID SPECIFICATIONS FOR BID NO. 50-00141645

### MANHOLE CLEANING WATER SYSTEM (HANDGUN)

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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 handgun pressure relief valve set at 600 p.s.i. shall be provided. One full functioning handgun 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 handgun 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 handgun holder will be provided at the front bumper.

### HYDRAULIC SYSTEM AND LUBRICATION

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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

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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, 350 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 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 pipes
- 1 Storage box behind cab, 16" x 42" x 96"
- 1 Storage box shall be provided with two roll out shelves
- 1 Lateral Cleaning Kit w/200' x 1/2" Hose w/Nozzle, Permanently Mtd, Electronically Controlled
- 1 Hose footage counter, standard - drivers side
- 1 Rear mounted tow hooks
- 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 Nozzle rack
- 1 10' leader hose
- 1 1" Bulldog with skid 400.600BS
- 1 Water pump remote oil drain
- 1 Built in Body Prop - Rear Boom Support Mounted
- 1 Traffic Camera with Color Monitor {Camera placement must be picked}
- 1 Rear traffic camera
- 1 Front hose reel camera - to view front of hose reel area

## BID SPECIFICATIONS FOR BID NO. 50-00141645

- 1 Long handle storage/ (2) PVC
- 1 Long handle storage placement - mounted in storage box under shelf
- 1 Cone storage rack
- 1 Cone racks mounted behind rear tires
- 1 Cone racks, between bogies on tandem units
- 1 Fill Hose Assy and Storage 1.5"/ 200',100',SO'
- 1 Greelee pump off with gate valve
- 1 In cab fuse box to rear bulkhead

### **LIGHTING**

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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 S0A03ZCR - Amber
- 1 LED Arrow stick - Whelen TAM85 Traffic Advisor
- 1 LED Boom Mounted Flood Light - Whelen NPGBB Worklight
- 1 LED Rear Mounted Flood Lights - Whelen NPGBB Worklight

### **PAINT**

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Unit paint surfaces are shot blasted, Ambershield zinc primed, sanded and sealed with epoxy primer. Hose reel spool, debris tank and sides of mainframe painted with PPG Delfleet single stage polyurethane paint. All other paintable surfaces coated in PPG Ambershield textured black paint.

Unit shall have reflective White or Blue

Chassis shall be painted manufacturers standard white.

White

with DuPont Imron 5000 polyurethane paint.

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

Chassis shall be painted manufacturers standard white.

### **TRAINING AND MANUALS**

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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**

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

### **LOUISIANA DEALERS LICENSE**

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Louisiana dealers license is required for this bid.

### **EXCEPTIONS AND DEVIATIONS**

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

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## BID SPECIFICATIONS FOR BID NO. 50-00141645

### 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, 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/TAILOPIPE: 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 BATTERIESBATTERY 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



## BID SPECIFICATIONS FOR BID NO. 50-00141645

### 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,

## BID SPECIFICATIONS FOR BID NO. 50-00141645

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

DATE: 3/29/2023  
BID NO.: 50-00141645

INVITATION TO BID  
THIS IS NOT AN ORDER

Page: 1

**JEFFERSON PARISH**

PURCHASING DEPARTMENT  
P.O. BOX 9  
GRETNA, LA. 70054-0009  
504-364-2678

BUYER: DABRAHAM@jeffparish.net

BIDS WILL BE RECEIVED ONLINE VIA [WWW.JEFFPARISHBIDS.NET](http://WWW.JEFFPARISHBIDS.NET) UNTIL 2:00 PM, 4/13/2023 AND PUBLICLY OPENED THEREAFTER IN THE WEST BANK PURCHASING DEPT, SUITE 4400, JEFFERSON PARISH GENERAL GOVERNMENT BUILDING, 200 DERBIGNY STREET, GRETNA, LA 70053. At no charge, bidders are to submit via Jefferson Parish's electronic procurement page by visiting [www.jeffparishbids.net](http://www.jeffparishbids.net) to register for this free site. Additional instructions are included in the text box highlighting electronic procurement.

**LATE BIDS WILL NOT BE ACCEPTED**

**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. HOWEVER, ELECTRONIC SIGNATURES AS DEFINED IN LSA - R.S. 9:2620(8) ARE ACCEPTABLE. SIGNATURE MUST BE A SECURED DIGITAL SIGNATURE.**

**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 as amended.

Jefferson Parish adheres to the Louisiana Code of Governmental Ethics, contained in Louisiana Revised Statutes Annotated, R.S. 42:1101, et seq. Vendor/Proposer by this submission, warrants that there are no "conflicts of interest" related to this procurement that would violate applicable Louisiana Law. Violation of the Louisiana Code of Governmental Ethics may result in rescission of contract, permit or licenses, and the imposition of fines and/or penalties, without contractual liability to the public in accordance with applicable law.

All vendors submitting bids should register as a Jefferson Parish vendor if not already yet registered. Registration forms may be downloaded from <http://purchasing.jeffparish.net> and by clicking on Vendor Information. Current W-9 forms with respective Tax Identification numbers 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, vendor registration is mandatory. Vendors may experience a delay in payment if your company is not a registered vendor with Jefferson Parish.

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 via email to the buyer's email address as indicated above, no later than Five (5) working days prior to the bid opening. Bid numbers should be mentioned in all requests. 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.

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

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.

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.

A corporate resolution or written evidence of the individual signing the bid having such authority must be submitted with the bid. Failure to comply will cause bid to be rejected. For corporate entities, such written evidence may be a printout of the Louisiana Secretary of State's website listing the signatory as an officer. Such printout shall be included with the bid submission. Bids submitted by Owners 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.

**PROTESTS:** Only those vendors that submit bids in response to this solicitation may protest any element of the procurement, in writing to the Director of the Purchasing Department. Written protest must be received within 48 hours of the release of the bid tabulation by the Purchasing Department. After consultation, the Parish Attorney's Office will then respond to protests in writing. (For more information, please see Chapter 2, Article VII, Division 2, Sec. 2-914.1 of the Jefferson Parish Code of Ordinances.)

**PREFERENCE:** Unless federal funding is directly spent by Jefferson Parish for this purchase, 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 local 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).

**INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS**

Jefferson Parish and its partners as the recipients of federal funds are fully committed to awarding a contract(s) to firm(s) that will provide high quality services and that are dedicated to diversity and to containing costs. Thus, Jefferson Parish strongly encourages the involvement of minority and/or woman-owned business enterprises (DBE's, including MBE's, WBE's and SBE's) to stimulate participation in procurement and assistance programs.

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.

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 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 our E-Procurement Page at [www.jeffparishbids.net](http://www.jeffparishbids.net) to register and view Jefferson Parish solicitations. For more information, please visit the Purchasing Department page at <http://purchasing.jeffparish.net>.**

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 as amended. 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.**

**10,13,15 LA.DEALERS LICENCE IS REQUIRED**

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(I), 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.

## INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

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 electronic envelope. Failure to comply will cause the bid to be rejected. When submitting the bid electronically, 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. Precaution must be exercised at all times to safeguard the welfare of JEFFERSON PARISH and the general public.
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. All bidders must comply with the requirements stated in the attached "Standard Insurance Requirements" sheet attached to this bid solicitation. Failure to comply with this instruction will result in bid rejection.
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. All sureties must be in original format (no copies) When 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.

**INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS**

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 is 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 owed 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 to 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, and report to Owner the amount of taxes not incurred.

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 JPCO 2-155.10(19). By signing this document, every corporation, partnership, or person contracting with PARISH, whether by cooperative endeavor, intergovernmental agreement, bid, proposal, application or solicitation for a parish contract, and every application for certification of eligibility for a parish contract or program, attests that it understands and will abide by all provisions of JPCO 2-155.10.

DATE: 3/29/2023

Page: 6

BID NO.: 50-00141645

**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 X NO \_\_\_\_\_

MAXIMUM ESCALATION PERCENTAGE REQUESTED 6 %

INITIAL BID PRICES WILL REMAIN FIRM THROUGH THE DATE OF July 13, 2023

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

~12 months

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable) L-2016-00458

**THIS SECTION MUST BE COMPLETED BY BIDDER:**

FIRM NAME: Jack Doheny Companies, Inc. dba: Jack Doheny Company

ADDRESS: 777 Doheny Drive

CITY, STATE: Northville, Michigan ZIP: 48167

TELEPHONE: ( 248 ) 349-0904 FAX: ( 248 ) 374-4259

EMAIL ADDRESS: Inteam@dohenycompany.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 by placing the addendum number as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: N/A

NUMBER: \_\_\_\_\_

NUMBER: \_\_\_\_\_

NUMBER: \_\_\_\_\_

TOTAL PRICE OF ALL BID ITEMS: \$ 547,046.00

AUTHORIZED  
SIGNATURE: 

Steve Shafer

Printed Name

TITLE: President

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.



## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00141645

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	1.00	EA	<p>A Purchase of a Combination Vacuum/ Cleaning Truck for the Public Works Department</p> <p>0001 - COMBINATION VACUUM CLEANING TRUCK FOR THE PUBLIC WORKS INVESTIGATION-REHAB SECTION.</p> <p>LOUISIANA DEALER'S LICENSE IS REQUIRED.</p> <p>PER ATTACHED SPECIFICATIONS **</p> <p>DELIVER TO: DEPARTMENT OF CENTRAL GARAGE 4901 JEFFERSON HIGHWAY, SUITE A JEFFERSON, LA 70121</p>	\$ 547,046.00	\$ 547,046.00

## **CORPORATE RESOLUTION**

**SEE CORPORATE BOARD RESOLUTION ATTACHED**

EXCERPT FROM MINUTES OF MEETING OF THE BOARD OF DIRECTORS OF  
\_\_\_\_\_  
INCORPORATED.

AT THE MEETING OF DIRECTORS OF Jack Doheny Companies, Inc.  
INCORPORATED, DULY NOTICED AND HELD ON June 29, 2020,  
A QUORUM BEING THERE PRESENT, ON MOTION DULY MADE AND SECONDED. IT  
WAS:

RESOLVED THAT Steve Shafer, 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.

**See Attached Board Resolution**

\_\_\_\_\_  
**SECRETARY-TREASURER**

April 13, 2023

**DATE**

**MEETING OF THE  
BOARD OF DIRECTORS OR MEMBERS  
OF  
Jack Doheny Companies, Inc**

A meeting of the Board of Directors or Members of **Jack Doheny Companies, Inc** was held on **June 29, 2020**, whereby a resolution was passed authorizing **Steve Shafer and Nicole Cunningham** by **Kay Doheny** signature, enter into any and all contractual obligations on behalf **Jack Doheny Companies, Inc.**



---

Kay Doheny, CEO

6/30/2020

---

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 MICHIGAN

PARISH/COUNTY OF WAYNE

BEFORE ME, the undersigned authority, personally came and appeared: \_\_\_\_\_

Steve Shafer, (Affiant) who after being by me duly sworn, deposed and said that

he/she is the fully authorized Officer of Jack Doheny Companies, Inc. dba: Jack Doheny Company (Entity),

the party who submitted a bid in response to Bid Number 50-00141645, 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 X 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**   X   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.

  
Signature of Affiant

Steve Shafer  
Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME

ON THE 11<sup>TH</sup> DAY OF APRIL, 2023

  
Notary Public

Y. BECKER  
Printed Name of Notary

Notary Bar Roll Number

My commission expires 01-15-2024

Y BECKER  
Notary Public, State of Michigan  
County of Livingston  
My Commission Expires 01-15-2024  
Acting in the County of WAYNE



# CERTIFICATE OF LIABILITY INSURANCE

Page 1 of 1

DATE (MM/DD/YYYY)  
08/30/2022

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 have ADDITIONAL INSURED provisions or 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).

<b>PRODUCER</b> Willis Towers Watson Midwest, Inc. c/o 26 Century Blvd P.O. Box 305191 Nashville, TN 372305191 USA	<b>CONTACT NAME:</b> Willis Towers Watson Certificate Center <b>PHONE (A/C, No, Ext):</b> 1-877-945-7378 <b>FAX (A/C, No):</b> 1-888-467-2378 <b>E-MAIL ADDRESS:</b> certificates@willis.com														
<b>INSURED</b> Jack Doheny Companies, Inc. 777 Doheny Dr Northville, MI 48167	<table border="1"><thead><tr><th>INSURER(S) AFFORDING COVERAGE</th><th>NAIC #</th></tr></thead><tbody><tr><td>INSURER A: Travelers Indemnity Company of America</td><td>25666</td></tr><tr><td>INSURER B: Travelers Indemnity Company</td><td>25658</td></tr><tr><td>INSURER C: Federal Insurance Company</td><td>20281</td></tr><tr><td>INSURER D: The Charter Oak Fire Insurance Company</td><td>25615</td></tr><tr><td>INSURER E:</td><td></td></tr><tr><td>INSURER F:</td><td></td></tr></tbody></table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: Travelers Indemnity Company of America	25666	INSURER B: Travelers Indemnity Company	25658	INSURER C: Federal Insurance Company	20281	INSURER D: The Charter Oak Fire Insurance Company	25615	INSURER E:		INSURER F:	
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INSURER C: Federal Insurance Company	20281														
INSURER D: The Charter Oak Fire Insurance Company	25615														
INSURER E:															
INSURER F:															

**COVERAGES**

CERTIFICATE NUMBER: W25762077

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  GEN'L AGGREGATE LIMIT APPLIES PER <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input checked="" type="checkbox"/> LOC OTHER:	Y	Y-630-7S988659-TIA-22	07/01/2022	07/01/2023	<table border="1"><tr><td>EACH OCCURRENCE</td><td>\$ 1,000,000</td></tr><tr><td>DAMAGE TO RENTED PREMISES (Ea occurrence)</td><td>\$ 300,000</td></tr><tr><td>MED EXP (Any one person)</td><td>\$ 0</td></tr><tr><td>PERSONAL &amp; ADV INJURY</td><td>\$ 1,000,000</td></tr><tr><td>GENERAL AGGREGATE</td><td>\$ 2,000,000</td></tr><tr><td>PRODUCTS - COMP/OP AGG</td><td>\$ 2,000,000</td></tr><tr><td></td><td>\$</td></tr></table>	EACH OCCURRENCE	\$ 1,000,000	DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 300,000	MED EXP (Any one person)	\$ 0	PERSONAL & ADV INJURY	\$ 1,000,000	GENERAL AGGREGATE	\$ 2,000,000	PRODUCTS - COMP/OP AGG	\$ 2,000,000		\$
EACH OCCURRENCE	\$ 1,000,000																			
DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 300,000																			
MED EXP (Any one person)	\$ 0																			
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 <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY	Y	810-7S988660	07/01/2022	07/01/2023	<table border="1"><tr><td>COMBINED SINGLE LIMIT (Ea accident)</td><td>\$ 1,000,000</td></tr><tr><td>BODILY INJURY (Per person)</td><td>\$</td></tr><tr><td>BODILY INJURY (Per accident)</td><td>\$</td></tr><tr><td>PROPERTY DAMAGE (Per accident)</td><td>\$</td></tr><tr><td></td><td>\$</td></tr></table>	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000	BODILY INJURY (Per person)	\$	BODILY INJURY (Per accident)	\$	PROPERTY DAMAGE (Per accident)	\$		\$				
COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000																			
BODILY INJURY (Per person)	\$																			
BODILY INJURY (Per accident)	\$																			
PROPERTY DAMAGE (Per accident)	\$																			
	\$																			
C	<input type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTIONS		9365-02-43	08/01/2022	08/01/2023	<table border="1"><tr><td>EACH OCCURRENCE</td><td>\$ 10,000,000</td></tr><tr><td>AGGREGATE</td><td>\$ 10,000,000</td></tr><tr><td></td><td>\$</td></tr></table>	EACH OCCURRENCE	\$ 10,000,000	AGGREGATE	\$ 10,000,000		\$								
EACH OCCURRENCE	\$ 10,000,000																			
AGGREGATE	\$ 10,000,000																			
	\$																			
D	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 No	UB-5T766498-22-14-G	07/01/2022	07/01/2023	<table border="1"><tr><td><input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER</td><td></td></tr><tr><td>E.L. EACH ACCIDENT</td><td>\$ 1,000,000</td></tr><tr><td>E.L. DISEASE - EA EMPLOYEE</td><td>\$ 1,000,000</td></tr><tr><td>E.L. DISEASE - POLICY LIMIT</td><td>\$ 1,000,000</td></tr></table>	<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						
<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																			

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

The Jefferson Parish, its Districts Departments and Agencies under the direction of the Parish President and the Parish Council are included as Additional Insured as respects to General Liability and Auto Liability.

**CERTIFICATE HOLDER****CANCELLATION**

Jefferson Parish Purchasing Department  
(Attn: Donna Reamey)  
200 Derbigny Street ; General Government Building,  
Suite 4400  
Gretna, LA 70053

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

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## **STANDARD INSURANCE REQUIREMENTS FOR BIDDING PURPOSES**

All required insurance under this bid shall conform to Jefferson Parish Resolution No. 113646 or No. 113647, as applicable. Contractors may not commence any work under any ensuing contract unless and until all required insurance and associated evidentiary requirements thereto have been met, along with any additional specifications contained in the **Invitation to Bid**. Except as where otherwise precluded by law, the Parish Attorney or his designee, with the concurrence of the Director of Risk Management or his designee, may agree on a case-by-case basis, to deviate from Jefferson Parish's standard insurance requirements, as provided in this Section. Vendors requesting deviation therefrom shall submit such requests in writing, along with compelling substantiation, to the Purchasing Department prior to the bid's due date. Any changes to the insurance requirements will be reflected in the bid specifications and addenda. Prior to contract execution and at all times thereafter during the term of such contract, contractors must provide and continuously maintain all coverages as required by the foregoing Resolutions, and the contract documents. Failure to do so shall be grounds for suspension, discontinuation or termination of the contract.

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For bidding purposes, bidders must submit with bid submission a current (valid) insurance certificate evidencing the required coverages. Failure to comply will cause bid to be rejected. The current insurance certificate will be used for proof of insurance at time of evaluation. Thereafter, and prior to contract execution, the low bidder will be required to provide final insurance certificates to the Parish which shall name **the Jefferson Parish, its Districts Departments and Agencies under the direction of the Parish President and the Parish Council** as additional insureds regarding negligence by the contractor for the Commercial General Liability and the Comprehensive Automobile Liability policies. Additionally, said certificates should reflect the name of the Parish Department receiving goods and services and reference the respective Jefferson Parish bid number.

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### **JEFFERSON PARISH REQUIRED STANDARD INSURANCE**

#### **☒ WORKER'S COMPENSATION INSURANCE**

As required by Louisiana State Statute, exception; Employer's Liability, Section B shall be \$1,000,000 per occurrence when Work is to be over water and involves maritime exposures to cover all employees not covered under the State Worker's Compensation Act, otherwise this limit shall be no less than \$500,000 per occurrence.

**Note: If your company is not required by law to carry workmen's compensation insurance, i.e. not a Louisiana company, sole employee of the company, then bidders must request a workmen's compensation insurance declaration affidavit prior to the bid opening date. This insurance declaration affidavit must be fully completed, signed, properly notarized and submitted with the bid. A scanned copy 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.

☒ **COMMERCIAL GENERAL LIABILITY**

Shall provide limits not less than the following: \$1,000,000.00 Combined Single Limit per Occurrence for bodily injury and property damage.

☒ **COMPREHENSIVE AUTOMOBILE LIABILITY**

Bodily injury liability \$1,000,000.00 each person; \$1,000,000.00 each occurrence.  
Property Damage Liability \$1,000,000.00 each occurrence.

**Note:** This category may be omitted if bidders do not/will not utilize company vehicles for the project or do not possess company vehicles. Bidder must request an automobile insurance declaration affidavit prior to the bid opening date. This insurance declaration affidavit must be fully completed, signed, properly notarized and submitted with the bid. 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.

**DEDUCTIBLES** - The Parish Attorney with concurrence of the Director of Risk Management have waived the deductible section of the Terms and Conditions for all Invitations to Bid, until further notice.

**UMBRELLA LIABILITY COVERAGE**

An umbrella policy or excess may be used to meet minimum requirements.

**FOR CONSTRUCTION AND RENOVATION PROJECTS:**

The following are required if selected below. Such insurance is due upon contract execution.

☐ **OWNER'S PROTECTIVE LIABILITY**

To be for the same limits of liability for bodily injury and property damage liability established for commercial general liability.

☐ **BUILDER'S RISK INSURANCE**

The contractor shall maintain Builder's Risk Insurance at his own expense to insure both the owner (Parish of Jefferson) and contractor as their interest may appear.

License No. L - 2016-00458

2016-2018

Not Transferable  
Valid Only at Address Below

# Louisiana Motor Vehicle Commission

This Certifies that

Jack Doheny Companies, Inc.  
38435 North Robert Wilson Road  
Gonzales, LA 70737

is duly licensed as a  
Motor Vehicle Lessor

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.

Dated June 27, 2016  
Signed, Sealed and Attested

LOUISIANA MOTOR VEHICLE COMMISSION



*[Signature]*  
Executive Director

*[Signature]*  
Chairman

*(The license is subject to the laws of Louisiana)*



Date: 4/13/2023  
Branch: 2100

Combination Single Engine Sewer Cleaner with Positive Displacement Vacuum System  
Mounted on a Heavy Duty Truck Chassis



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

BM ID: 2023-53229  
PROPOSAL ID: 18803

DOHENYCOMPANY.COM

## **PRODUCT DESCRIPTION**

2100i PD, 16" Vacuum, 10 yrd Debris, Combo

### **STANDARD FEATURES**

1000 Gallons STD  
80 GPM/2500 PSI Jet Rodder pump  
Operator Station Curbside Toolbox  
Aluminum Fenders  
Mud Flaps  
Electric/Hydraulic Four Way Boom  
Color Coded Sealed Electrical System  
Intuitouch Electronic Package  
Double Acting Hoist Cylinder  
Handgun Assembly  
Ex-Ten Steel Cylindrical Debris Tank  
Flexible Hose Guide  
(3) Nozzles with Carbide Inserts w/Rack  
Suction Tube Storage  
1" Nozzle Pipe  
10' Leader Hose  
Flat Rear Door w/Hydraulic Locks  
Dual Stainless Steel Float Shut Off System  
Microstrainer Prior to Blower  
Debris Body Vacuum Relief System  
Debris Deflector Plate  
48" Dump Height  
Debris Body-Up Message and Alarm  
Low Water Indicator On Screen w/Alarm and Water Pump Flow Indicator  
3" Y-Strainer at Passenger Side Fill with 25' Fill Hose  
Additional Water Tank Sight Gauge  
Liquid Float Level Indicator  
Digital Water Pressure Gauge  
Front Joystick Boom Control  
Boom Hose Storage  
Boom Out of Position Message and Alarm  
Telescopic Boom Elbow, Standard  
Rodder System Accumulator - Jack Hammer on/off Control w/ manual valve  
3" Y-Strainer @ Water Pump  
Midship Handgun Coupling  
Side Mounted Water Pump  
Hose Wind Guide (Dual Roller), Manual  
Digital Hose Footage Counter  
Hose Reel Manual Hyd Extend/Retract  
Hose Reel Chain Cover  
Hydraulic Extending 15", Rotating Hose Reel, 1" x 800' Capacity  
Hydraulic Tank Shutoff Valves  
Tachometer/Chassis Engine w/Hourmeter  
Water Pump Hour Meter  
PTO Hour Meter  
Hydraulic Oil Temp Alarm  
Tachometer & Hourmeter/Blower  
Circuit Breakers  
LED Lights, Clearance, Back-up, Stop, Tail & Turn  
Tow Hooks, Front  
Tow Hooks, Rear  
Electronic Back-Up Alarm  
8" Vacuum Pipe Package  
Emergency Flare Kit  
Fire Extinguisher 5 Lbs.

### **Additional Items**

Debris Body Washout  
6" Rear Door Knife Valve w/Camloc, 3:00 position  
Internally Mounted Trash Pump  
Pump Off Plumbing to Front, Outlet Location will be dependent on supplied chassis

Centrifugal Separators (Cyclones)  
 Folding Pipe Rack, Curbside, 8" Pipe  
 Folding Pipe Rack, Streetside, 8" Pipe  
 Fixed Rear Door Pipe Rack, 8" Pipe  
 Subframe Mounted, 2-Pipe Rack, 8"  
 Rear Door Splash Shield  
 Lube Manifold, with Lube Chart  
 Debris Body Inspection Port w/Ladder  
 Continuous Water Tank Fill  
 Air Purge  
 6" Gravity Fill Port on Upper P/S Water Tank  
 Front Blower Controls  
 Blower High Temp Safety Shutdown  
 Digital Water Level Indicator  
 180 deg. 10ft Telescoping Boom  
 Anti Splash Valve, Body Inlet  
 Cold Weather Recirculator, PTO Driven, 25 GPM  
 Hydro Excavation Kit - Includes Lances w/ Shield, Nozzles, Storage Tray, and Vacuum Tube  
 800' x 1" Piranha Sewer Hose 2500 PSI in lieu of STD  
 Rodder Hose Pinch Roller  
 Rodder Hose Guard - Lexan  
 Lateral Cleaning Kit w/150' Hose and Nozzle, 25 GPM/2000 PSI located at Side  
 High Pressure Hose Reel  
 Rodder Pump Drain Valves  
 Front Hose Reel Tool Storage  
 Rear Directional Control, LED Arrowstick  
 Rear Mounted, LED Beacon Light  
 Federal Signal Strobe Lights - 4 Light LED System  
 Worklights (2), LED, Boom  
 Worklights (2), LED, Rear Door  
 Camera System, Front and Rear  
 Safety Cone Storage Rack - Drop in Style  
 Long Handle Tool Storage  
 Toolbox, Behind Cab - 16w 30h x 96d  
 Toolbox, Driver Side Chassis Frame, 24w x 24h x 24d  
 Module Paint, DuPont Imron Elite - Sanded Primer Base  
 Vactor 2100i Body Decal, Standard  
 Vactor/Guzzler Logos - Applied  
 Vactor Standard Manual and USB Version - 1 + Dealer  
 (1) 8" x 3' Aluminum Vacuum Tube  
 (1) 8" x 5' Aluminum Vacuum Tube  
 (3) 8" x 7'-6" Aluminum Vacuum Tube  
 (1) 8" x 6'-6" Aluminum Catch Basin Nozzle Assembly  
 (2) 8" Quick Clamp Assembly  
 6" Lay-Flat Drain Hose - 25ft  
 2-1/2" Water Fill Hose Assembly - 25ft  
 (1) Grate Lift Hook  
 (1) Hydrant Wrench  
 (1) Flexible Hose Guide  
 (1) Chisel-Point Nozzle  
 (1) Standard Nozzle  
 (1) Bulldog (HS Head) w/4" Skid

#### **PAINT**

Module Paint, Dupont Imron Elite - Sanded Primer Base  
 Module Paint Color: White  
 Cab Paint Color: White

#### **CHASSIS**

Freightliner 114SD Tandem Axle Chassis, Cummins 9L 370HP, Allison Automatic Transmission

**\*See Warranty Information for Freightliner Attached\***

# Time and Distance Table

## 1.1 Freightliner SD Vocational

<i>Applicable Models</i>	108SD/114SD
<i>SD Vocational coverage is only available for vehicles ordered with these engines:</i>	Detroit DD8; Cummins B, C, or L
<i>SD Vocational coverage is not available for vehicles in these vocations:</i>	Logging, Mining, Oil Field
<b>Category Determinants</b>	
Road Surface - most severe in-transit between sites	<30% off-highway rough, maintained concrete/asphalt; maintained gravel/crushed rock; maintained dirt or soft soil (Class C or D roads) <sup>1</sup>
Gross Combined Weight Rating	92,000 lb/41 730 kg or less
<b>Axles and Manufacturer's Gross Vehicle Weight Rating</b>	
2-Axle Unit	46,000 lb/20 865 kg or less
3-Axle Unit	66,000 lb/29 937 kg or less
4-Axle Unit	N/A
5-Axle Unit	N/A

<sup>1</sup> Class C roads have a natural surface and may be either constructed or established over time by repeated passage of vehicles. The natural surface may be dirt, sand, or rock. A minimal amount of maintenance, if any at all, is limited primarily to spot surface grading to allow vehicle passage within the original road corridor. Class D roads are primitive roads that were not constructed but have been established over time by the passage of motor vehicles. These roads receive no maintenance or grading.

<b>Coverage<sup>2</sup></b>		
<b>Description</b>	<b>Time<sup>3</sup></b>	<b>Distance<sup>3</sup></b>
Basic Vehicle	2 Years	Unlimited
Battery	1 Year	100,000 mi/161 000 km
Brightwork	6 Months	Unlimited
Cab Corrosion/Perforation	5 Years	Unlimited
Cab Structure	5 Years	100,000 mi/161 000 km
Corrosion	6 Months	Unlimited
Crossmembers	5 Years	Unlimited
Emission Regulations <sup>4</sup>		
Diesel Emission 2010 <sup>5</sup>	5 Years	100,000 mi/161 000 km
GHG21 <sup>6</sup> (Medium Heavy Duty to Heavy Heavy Duty Trucks/Tractors)	5 Years	100,000 mi/161 000 km
GHG21 <sup>6</sup> Tire (File Direct)	2 Years	24,000 mi/38 400 km
Frame Rails	5 Years	Unlimited
Front/Steer Axle <sup>7</sup>		
Detroit <sup>8</sup>	3 Years	300,000 mi/483 000 km
Non-Detroit	2 Years	Unlimited
Paint	1 Year	100,000 mi/161 000 km
Paint, Chassis	6 Months	Unlimited
Rear Axle <sup>9</sup>		
Detroit <sup>8</sup>	3 Years	300,000 mi/483 000 km
Non-Detroit	2 Years	Unlimited

**DISCLAIMER:** Failure to read or distribute this information does not provide exemption from compliance with the information contained herein. Specifications are subject to change without notice. Intended for general information only, not offered as customer's Warranty.

Coverage <sup>2</sup>		
Description	Time <sup>3</sup>	Distance <sup>3</sup>
Transfer Case	2 Years	Unlimited
Transmission (Non-Detroit)	2 Years	Unlimited

<sup>2</sup> Because Warranty coverage is determined by a unit's specifications, gross combination weight rating, road surface, and vocation, coverage may vary. For unit-specific coverage, Dealers should enter a product serial number or vehicle identification number on the *Coverage Info* screen in OWL; for customers without access to OWL, see ordering Dealer for more information.

<sup>3</sup> Time or distance, whichever comes first.

<sup>4</sup> See *Emission Regulations* subsection that follows or separate engine owner's manual for regulatory information.

<sup>5</sup> Applies to vehicles equipped with EPA 2010 compliant diesel engines.

<sup>6</sup> Applies to models 2013 and later domiciled in the United States and Canada.

<sup>7</sup> Customers will have only one (1) type of front/steer axle coverage, either Detroit or non-Detroit, depending on how the unit is spec'd. Front axle coverage is also applicable to gliders.

<sup>8</sup> Access Detroit parchments at *DTNACconnect > Warranty Lit > Coverages > Detroit*; for customers without access, see ordering Dealer for more information.

<sup>9</sup> Customers will have only one (1) type of rear axle coverage, either Detroit or non-Detroit, depending on how the unit is spec'd.

DISCLAIMER: Failure to read or distribute this information does not provide exemption from compliance with the information contained herein. Specifications are subject to change without notice. Intended for general information only, not offered as customer's Warranty.



## LIMITED WARRANTY

**Limited Warranty.** Each machine manufactured by VACTOR MANUFACTURING (or, "the Company") is warranted against defects in material and workmanship for a period of 12 months, provided the machine is used in a normal and reasonable manner and in accordance with all operating, maintenance and safety instructions. In addition, certain machines and components of certain machines have extended warranties as set forth below. If sold to an end user, the applicable warranty period commences from the date of delivery to the end user. If used for rental purposes, the applicable warranty period commences from the date the machine is first made available for rental by the Company or its representative. This limited warranty may be enforced by any subsequent transferee during the warranty period. This limited warranty is the sole and exclusive warranty given by the Company.

### STANDARD EXTENDED WARRANTIES (Total Warranty Duration)

<b>2100 Series, iMPACT and Ramjet</b>	10 years against metal water tank leakage due to corrosion. Nonmetallic water tanks are covered for 5 years against any factory defect in material or workmanship.
<b>2100 Series, iMPACT and Guzzler only</b>	5 years against leakage of debris tank, centrifugal compressor or fan housing due to rust-through.
<b>2100 Series, iMPACT and Ramjet</b>	2 years - Vactor Rodder Pump
<b>ALL Models starting with 21-09X-XXXXX and beyond</b>	2 year- Electrical & Electronics (excludes Chassis components)

**Exclusive Remedy.** Should any warranted product fail during the warranty period, the Company will cause to be repaired or replaced, as the Company may elect, any part or parts of such machine that the Company's examination discloses to be defective in material or factory workmanship. Repairs or replacements are to be made at the selling Company's authorized dealer's or distributor's location or at other locations approved by the Company. In lieu of repair or replacement, the Company may elect, at its sole discretion, to refund the purchase price of any product deemed defective. The foregoing remedies shall be the sole and exclusive remedies of any party making a valid warranty claim.

This Limited Warranty shall not apply to (and the Company shall not be responsible for):

1. Major components or trade accessories that have a separate warranty from their original manufacturer, such as, but not limited to, trucks and truck chassis, engines, hydraulic pumps and motors, tires and batteries.
2. Normal adjustments and maintenance services.
3. Normal wear parts such as, but not limited to, oils, fluids, vacuum hose, light bulbs, fuses and gaskets.
4. Failures resulting from the machine being operated in a manner or for a purpose not recommended, nor intended, or not in accordance with operating, maintenance or safety instructions provided by the Company.
5. Repairs, modifications or alterations without the express written consent of the Company, which in the Company's sole judgment, have adversely affected the machine's stability, operation or reliability as originally designed and manufactured.
6. Items subject to misuse, negligence, accident or improper maintenance.

**\*NOTE\*** The use in the product of any part other than parts approved by the Company may invalidate this warranty. The Company reserves the right to determine, in its sole discretion, if the use of non-approved parts operates to invalidate the warranty. Nothing contained in this warranty shall make the Company liable for loss, injury, or damage of any kind to any person or entity resulting from any defect or failure in the machine.

THIS WARRANTY SHALL BE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AND TO THE EXTENT PERMITTED, CONFERRED BY STATUTE, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE, OR A WARRANTY AGAINST FAILURE OF ITS ESSENTIAL PURPOSE, ALL OF WHICH ARE DISCLAIMED.

This warranty is in lieu of all other obligations or liabilities, contractual and otherwise, on the part of the Company. For the avoidance of doubt, the Company shall not be liable for any indirect, special, incidental or consequential damages, including, but not limited to, loss of use or lost profits. The Company makes no representation that the machine has the capacity to perform any functions other than as contained in the Company's written literature, catalogs or specifications accompanying delivery of the machine. No person or affiliated company representative is authorized to alter the terms of this warranty, to give any other warranties or to assume any other liability on behalf of the Company in connection with the sale, servicing or repair of any machine manufactured by the Company. Any legal action based hereon must be commenced within eighteen (18) months of the event or facts giving rise to such action.

The Company reserves the right to make design changes or improvements in its products without imposing any obligation upon itself to change or improve previously manufactured products.



VACTOR MANUFACTURING  
1621 S. Illinois Street  
Streator, IL 61364





ENGINEERED TO PERFORM  
BUILT TO LAST



**VACTOR®**  
Subsidiary of Federal Signal Corporation



# SUPERIOR POWER AND PERFORMANCE GUARANTEED

**Vactor, a Federal Signal company,** is the largest manufacturer of sewer cleaning equipment in the world. What sets us apart is our commitment to quality, innovative design, superior performance, operating ease, and strong customer support. Together with our international dealers and partners we provide you with the powerful support and personalized service you need to get the job done.



## OUR MODUL-FLEX® DESIGN LETS US ENGINEER THE IDEAL MACHINE FOR YOU

As a result of Vactor's unique, trademarked Modul-Flex design, your equipment is engineered and manufactured to meet your specific and most demanding applications. Modul-Flex offers you both accuracy and flexibility, and essential operational advantages:

- Provides for maximum debris body and water tank capacities while ensuring optimum weight distribution on every truck
- Helps you meet local axle load distribution standards and safety regulations
- Center of gravity is calculated for each truck to ensure a safe configuration with optimal weight transfer
- Includes our aluminum water tanks that are warrantied for 10 years, and are customized to the right sizes, capacities, and locations to meet specific chassis requirements





# THE CLEANING POWER YOU NEED TO HANDLE YOUR TOUGHEST SEWER CHALLENGES

In all Vactor equipment models you will find rugged and innovative features that deliver the performance you need to handle your most demanding sewer cleaning tasks.

## VACTOR'S JET RODDER® SINGLE PISTON WATER PUMP FEATURES A STANDARD 2-YEAR WARRANTY

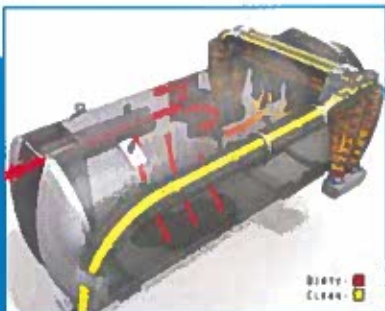
Purpose-designed for sewer system cleaning and refined over 50 years of proven performance, our unique high pressure water pump gives you the power to break up even the toughest blockages. The Jet Rodder pump is a positive displacement, high-pressure, double acting, hydraulically operated, single piston pump specifically designed for sewer cleaning operations, whose design allows for configurations up to 100 gpm US (378 lpm) @ 2000 psi.

- Creates a powerful "jackhammer" action to assist the nozzle in breaking up and penetrating obstructions
- Run dry protection for 30 minutes certified by Vactor
- Powered from the chassis engine without the need of auxiliary engine or belt drive
- Operates at 14 to 25 cycles per minute (typical configurations in continuous duty operations)
- The pump location provides a flooded suction inlet to eliminate potential cavitation damage or the need for a charge pump
- Single moving part reduces wear and tear of pump components and maintenance costs



JET RODDER PUMP CONFIGURATIONS

Flow and Pressure	Power Requirements	Hose Size
40 gpm @ 2500 psi / 151 lpm @ 172 bar	73 h / 54 kw	3/4" or 1" / 19 or 25.4 mm
60 gpm @ 2000 psi / 227 lpm @ 138 bar	88 hp / 66 kw	1" / 25.4 mm
60 gpm @ 2500 psi / 227 lpm @ 172 bar	110 hp / 82 kw	1" / 25.4 mm
80 gpm @ 2000 psi / 303 lpm @ 138 bar	117 hp / 87 kw	1" / 25.4 mm
80 gpm @ 2500 psi / 303 lpm @ 172 bar	146 hp / 109 kw	1" / 25.4 mm
100 gpm @ 2000 psi / 379 lpm @ 138 bar	146 hp / 109 kw	1 1/4" / 31.75 mm



## OUR CORROSION- AND ABRASION-RESISTANT DEBRIS BODIES CAN WITHSTAND YEARS OF WEAR

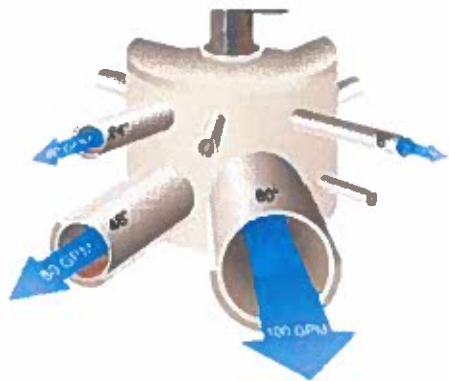
- Cylindrical for maximum strength
- Material: 3/16" (4.7 mm) - single axle; 1/4" (6.4 mm) - tandem axle
- Volumetric capacities: 5 yd<sup>3</sup> (3.8 m<sup>3</sup>) 10 yd<sup>3</sup> (7.6 m<sup>3</sup>) 12 yd<sup>3</sup> (9.2 m<sup>3</sup>) 15 yd<sup>3</sup> (11.5 m<sup>3</sup>)
- Mounted on an independent sub-frame separate from the chassis frame via a 3 point mounting system to allow flexing to occur without causing frame damage
- Standard dump height allows easy body dumping at transfer stations or on containers: single rear axle configuration: 48" (1.2 m); dual rear axle configuration: 60" (1.5m)
- Features a dumping angle of 50° via a double acting hydraulic cylinder
- Standard dual air ducting system equipped with dual stainless steel floating balls inside corrosion resistant cages as a safety shutoff system
- Abrasion resistant deflector plates divert the air stream to the bottom as part of the first phase of debris separation
- Includes a load level indicator
- Centrifugal separators (cyclones) (optional in certain models) aid in material separation and help to prevent the ingestion of 50 micron or larger particulate into the vacuum generator



# ENHANCED OPERATOR EXPERIENCE



## VACTOR 2100i OFFERS YOU GREATER OPERATING EASE AND EFFICIENCY



Vactor's Multiflow system lets operators set the flow at a lower rpm resulting in better fuel economy without sacrificing performance



All water valves are located in the same mid-ship control station, reducing the amount of walking back and forth around the truck by the operator

# VACTOR 2100i

## INTUITIVE IN EVERY WAY.

### NEW INTUITOUCH® ONE-TOUCH IN-CAB CONTROLS REDEFINE SIMPLICITY

- 7" touch screen control features back lit tactile buttons
- Includes controls and viewing screen for camera, lighting, recirculation and PTO/Transfer case activation
- One-Touch engagement to activate PTO and transfer case – allowing operators to gain control of all operational systems
- Operator can view the current operating mode, recirculation status, flows, pressures and more



### NEW INTUITOUCH CONTROL STATION PUTS ALL CLEANING SYSTEM FUNCTIONS INTO A SINGLE, SIMPLE CONTROL PANEL

- Articulating controls with up/down adjustment for individualized maximum comfort – articulation allows the control panel to adjust on a 90 degree arc for better access and screen visibility while operating the hose reel and boom
- All controls are consolidated into a single control panel including a 7" dashboard screen with glove-friendly tactile buttons featuring at-a-glance data for water pressure and flow, hose footage, chassis RPM, vacuum information, water level\*, debris tank level\* and more



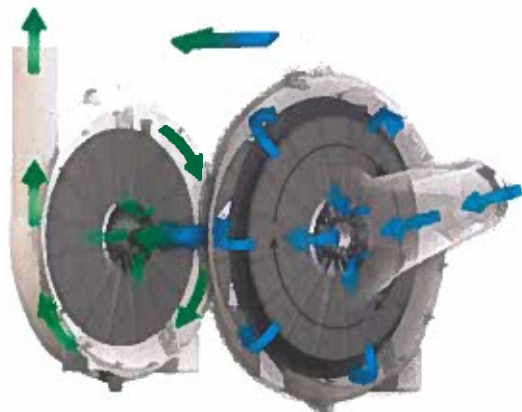
- New, reliable touch buttons with back lit feedback enable the operator to know if a selected function is active
- The hose reel joystick significantly improves response time and pays in and out in the direction of the hose reel
- The boom joystick has a telescoping feature built in, giving the operator full mobility with multiple direction boom movement for quicker set up
- Operators have full control of the water system via a single Multi-Flow control dial – enabling them to precisely match the flow and pressure to the job requirements
- E-stops located at all operator control points bring the unit to a safe condition to protect both the operator and the equipment



# VACTOR 2100i COMES IN THE CONFIGURATION YOU NEED

## OUR POSITIVE DISPLACEMENT (PD) MODEL IS IDEAL FOR PULLING MATERIAL LONG DISTANCES

With blower offerings providing inlet volumes in excess of 5000 CFM and 18 Hg vacuum, the Vactor 2100i PD is the machine you need to tackle your deepest pulls. In addition, our multi-stage blower filtration system is the most productive of its kind, and unique design features make the 2100i the most operator friendly unit available.



## FOR ALL AROUND SERVICE, CHOOSE A SINGLE ENGINE, SINGLE OR DUAL STAGE FAN MODEL

Vactor's fan system is the right choice for all-around sanitary and storm sewer cleaning. Whether equipped with a single or dual (for greater vacuum) fan system, our lightweight, perfectly balanced aluminum fan provides superior performance to handle your toughest jobs. Our unique system also minimizes energy consumption while maximizing performance.

## CENTRIFUGAL CYCLONES

Designed and located to improve air filtration and permit easier cleaning. The air enters the top side of the cyclone causing a vortex and any airborne particles to drop and be "dumped" with the rest of the load.



# CUSTOMIZE YOUR 2100i WITH PERFORMANCE DRIVEN OPTIONS

## RDB

### RAPID DEPLOYMENT BOOM

Our revolutionary RDB boom telescopes 10 feet out and extends the debris hose down 15 feet speeding work, and, in many cases, eliminating the need for additional tubes, reducing operator fatigue. The RDB 1015 offers you:

- Dramatic reduction in set-up and tear-down time with boom's ability to pay-in and pay-out 15 feet of vacuum hose
- Reach greater depths without raising the position of the boom to enhance speed and efficiency
- The ability to work in areas of low overhead clearance without raising the boom and still reach needed depths



### WIRELESS CONTROLS

Vactor has enhanced its wireless controls with a belly pack and handheld remotes that feature two-way data transmission, including active pressure and flow information for the water and the ability to monitor hose footage being paid out or retracted. Our wireless controls also allow:

- Extensive operation with greater control away from the fixed operator station
- Multiple control functions including hose reel control, boom control, e-stop and more

### OVER 100 PRECISION-ENGINEERED ENHANCEMENTS ARE AVAILABLE, INCLUDING:

- Cold weather recirculation system
- Liquid debris pump-off system
- Debris flush-out system
- Fail-safe hydraulic door locking system
- Water tank capacity up to 1,500 gallons (5,678 L)
- Pump delivery system up to 100 gpm
- Hose reel capacity up to 1,000 ft. (305 m)
- Automatic hose level wind guide
- Safety warning lighting packages
- Hydro-Excavation Kits



# VACTOR WATER RECYCLERS

## CAN HELP YOU MINIMIZE COSTS AS YOU MAXIMIZE RESOURCES



You can maintain and repair sewer lines and save hundreds of thousands of gallons of fresh water every year with a Vactor Water Recycler. Beyond water savings, by eliminating the need to refill water tanks, you drive up productivity, cutting time, effort, and expense. Designed to work exclusively with our 2100i Series combination sewer cleaners, our Water Recyclers offer you:

- Continuous operation without stops
- 5-step water filtration process combining settling, centrifugal separation, and absolute filtration to 100 microns
- No need to enter the debris body for maintenance
- No moving parts inside the debris body
- Ground level access for washing coarse screen filter
- Automated back flush every 30 seconds
- Self-monitoring filter with low and high pressure shutdowns
- Water source selection—clean water, recycled water or both



### 5-Step Water Filtration Process

1. Initial Separation (inside the debris body by the deflector plates)
2. Coarse Screen Filter
3. Centrifugal Separation
4. Classification Filter
5. Final Settling

# VACTOR

## SERVICE AND SUPPORT



### VACTOR REBUILD PROGRAM

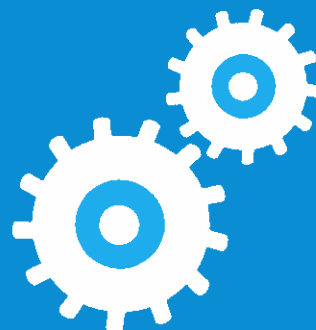
This comprehensive service program is designed to keep your Vactor equipment operating at top performance.

Including:

- An all-points vehicle inspection
- Genuine OEM replacement parts
- All work done by factory-trained technicians
- 10% parts discount
- Engineering improvements and retrofit options
- Equipment testing to factory specifications

### PERFORMANCE UPGRADES

Your equipment represents a significant investment for your community or business. With our Performance Upgrades you can maximize the life, long-term value, versatility and performance of your equipment. Retrofit options include updates to add new safety, productivity and performance features.



### OPERATOR, MAINTENANCE & SERVICE TRAINING

To help you and your team get the most from all the performance features we build into our equipment Vactor offers a comprehensive training program that includes hands-on classes on operation, maintenance and service.

LEARN  
MORE



# 2100i SPECIFICATIONS

Model	2100i - FAN	2100i - PD
<b>DESIGN</b>	Exclusive Vactor Modul-Flex®	Exclusive Vactor Modul-Flex®
<b>Air Mover</b>	Single or Dual Stage Hydrostatic Fan	Roots / positive displacement
<b>VACUUM RATING</b>	--	Up to 18 in (457 mm) Hg
<b>INLET VOLUME</b>	--	Up to 5000 CFM
<b>DRIVE</b>	Chassis driven, direct drive	Chassis driven, direct drive
<b>OMSI TRANSFER CASE</b>	Hydrostatic	Direct driven off of chassis
<b>FULLY HYDRAULIC BOOM</b>	Proportional Boom Controls with 180° rotation	Proportional Boom Controls with 180° rotation
<b>PICKUP HOSE</b>	7" or 8" Diameter	7" or 8" Diameter
<b>DEBRIS BODY CAPACITY</b>	5 yd3 - 15 yd3 (3.8 m3 - 11.5 m3)	5 yd3 - 15 yd3 (3.8 m3 - 11.5 m3)
<b>WATER TANK CAPACITY</b>	1,000 gal - 1,500 gal (3,785 L - 5,678 L)	1,000 gal - 1,500 gal (3,785 L - 5,678 L)
<b>WATER TANK CONSTRUCTION</b>	Aluminum (10-year warranty)	Aluminum (10-year warranty)
<b>WATER PUMP</b>	Vactor Jet Rodder® Multi-Flow system	Vactor Jet Rodder® Multi-Flow system
<b>WATER DELIVERY</b>	60 gpm - 100 gpm at 2,000 psi - 3000 psi	60 gpm - 100 gpm at 2,000 psi - 3000 psi
<b>PUMP ACTION</b>	Continuous flow or Jack Hammer®	Continuous flow or Jack Hammer®
<b>HOSE REEL</b>	15" Telescope, 270° rotation 800 ft x 1 in capacity (244 m x 2.5 cm)	15" Telescope, 270° rotation 800 ft x 1 in capacity (244 m x 2.5 cm)
<b>REAR DOOR</b>	Flat, hydraulically opening with fail safe locks	Flat, hydraulically opening with fail safe locks
<b>SMART TRUCK FEATURES</b>	E-stops at all operator stations Flow / footage meters Smart messages	E-stops at all operator stations Flow / footage meters Smart messages
<b>HAND GUN SYSTEM</b>	35' of hose High Pressure Washdown gun	35' of hose High Pressure Washdown gun
<b>CUSTOM CONFIGURATIONS</b>		
<b>Hose Reel</b>	Up to 1,000 ft capacity (305 m)	Up to 1,000 ft capacity (305 m)
<b>Multiple Boom Options</b>	RDB 1015 10' Extendable Boom 10' Tele Boom 5x5 Boom	RDB 1015 10' Extendable Boom 10' Tele Boom 5x5 Boom
<b>Axles</b>	Single or Tandem Tri-Drive and Drop axles also available	Single or Tandem Tri-Drive and Drop axles also available
<b>Controls</b>	Wireless Belly pack Handheld Wireless Corded Pendant	Wireless Belly pack Handheld Wireless Corded Pendant
<b>WATER RECYCLING AVAILABLE</b>	NO	YES





## OUR COMMITMENT TO QUALITY ONLY BEGINS WITH OUR EQUIPMENT

The Vactor 2100i is manufactured in an ISO 9001 certified, advanced industrial plant. We employ the latest technology to build the most reliable equipment, including high-precision laser cutters, robotic welding, efficient, accurate computer numerical controls, and a sophisticated powder coating system.

When you build a quality product you can back it up with a full one-year, unlimited hours warranty. Vactor also backs up your investment with superior local service and support. Our goal is to keep your machine—and your entire operation—up and running.

The 2100i can be customized to your unique requirements to meet local standards and regulations by means of a broad selection of configurations, options and accessories.

Through our international dealer network, we maintain a vast inventory of spare parts and offer fast shipment to any region of the world.

Altogether, the rugged, reliable Vactor 2100i is easy to operate, easy to maintain, and an easy choice when you are looking for quality equipment that is built to last.



# VACTOR

## BRINGING YOU THE POWER YOU NEED TO PERFORM

Vactor Manufacturing, the world leader in sewer cleaning equipment, with more than 20,000 specialty vehicles sold worldwide in the last 15 years, is part of Federal Signal, a leader in integrated solutions for governments and industries worldwide.

Our mission is to provide you with not only the best equipment, but the best aftermarket service and support in the industry. Together, we can offer you comprehensive operator training and a vast parts inventory to cut downtime and keep your operation up and running.



# VACTOR®

*Subsidiary of Federal Signal Corporation*

[vactor.com](http://vactor.com)

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