

NOTICE TO BIDDERS

Notice is hereby given that the City of South Bend, Indiana, will receive sealed bids at the Office of the Board of Public Works, 13th Floor, County-City Building, Room 1316, 227 West Jefferson, South Bend, Indiana, until the hour of 9:30 a.m., Local Time, on April 12, 2016, for the following:

One (1) or More 2016 or Newer Combination Jet Rodder/Vacuum Machine with Cab & Chassis (Spec H)

Specifications are available for download by visiting the City of South Bend's web page at www.southbendin.gov:

- X Click on "Business"
- X Click on "City Public Bids"
- X Click on "Vehicles, Equipment and Miscellaneous Bids"
- X Select specification to download
- X A pop up screen will appear; input company information (address/phone/fax/e-mail) where indicated
- X Click on "Submit Responses"
- X Print the specification or save it to your computer

There is no charge for the specifications. The specifications are also available for review only during regular working hours in the Department of Public Works, 1308 County-City Building, South Bend, Indiana 46601.

Bids received after April 12, 2016, Local Time, on 9:30 a.m., will be returned unopened.

Bids must be on the City of South Bend Bid/Proposal form provided, which includes a Non-Debarment Affidavit, Non-Discrimination Commitment form, and a Non-Collusion Affidavit Form. Certified Check or Bid Bond in the amount of not less than 10% must be submitted with the bid. A refund of the bid security will be issued upon satisfaction of Bid Award.

The Board may reject any bid that does not conform to these requirements as non-responsive.

The Board reserves the right to reject any or all bids or to accept a full or partial award of the bid or bids which, in its judgment, will be to the best interest of the City of South Bend.

BOARD OF PUBLIC WORKS
Linda M. Martin, Clerk

Publish two times:
March 18, 2016
March 25, 2016

- a. For purposes of this Certification, “Iran” means the government of Iran and any agency or instrumentality of Iran, or as otherwise defined at Ind. Code § 5-22-16.5-5, as amended from time-to-time.
- b. As provided by Ind. Code § 5-22-16.5-8, as amended from time-to-time, a Contractor is engaged in investment activities in Iran if either:
 - i. Contractor, its successor or its affiliate, provides goods or services of twenty million dollars (\$20,000,000) or more in value in the energy sector of Iran;
or
 - ii. Contractor, its successor or its affiliate, is a financial institution that extends twenty million dollars (\$20,000,000) or more in credit to another person for forty-five (45) days or more, if that person will (i) use the credit to provides goods and services in the energy sector in Iran; and (ii) at the time the financial institution extends credit, is a person identified on list published by the Indiana Department of Administration.

4. Contractor does not knowingly employ or contract with an unauthorized alien, nor retain any employee or contract with a person that the Contractor subsequently learns is an unauthorized alien. Contractor agrees that he/she/it shall enroll in and verify the work eligibility status of all of Contractor’s newly hired employees through the E-Verify Program as defined by I.C. 22-5-1.7-3. Contractor’s documentation of enrollment and participation in the E-Verify Program is included and attached as part of this bid/quote; and

5. Contractor shall require his/her/its subcontractors performing work under this public contract to certify that the subcontractors do not knowingly employ or contract with an unauthorized alien, nor retain any employee or contract with a person that the subcontractor subsequently learns is an unauthorized alien, and that the subcontractor has enrolled in and is participating in the E-Verify Program. The Contractor agrees to maintain this certification throughout the term of the contract with the City of South Bend, and understands that the City may terminate the contract for default if the Contractor fails to cure a breach of this provision no later than thirty (30) days after being notified by the City.

6. Persons, partnerships, corporations, associations, or joint venturers awarded a contract by the City of South Bend through its agencies, boards, or commissions shall not discriminate against any employee or applicant for employment in the performance of a City contract with respect to hire, tenure, terms, conditions, or privileges of employment, or any matter directly or indirectly related to employment because of race, sex, religion, color, national origin, ancestry, age, gender expression, gender identity, sexual orientation or disability that does not affect that person's ability to perform the work.

In awarding contracts for the purchase of work, labor, services, supplies, equipment, materials, or any combination of the foregoing including, but not limited to, public works contracts awarded under public bidding laws or other contracts in which public bids are not required by law, the City, its agencies, boards, or commissions may consider the Contractor’s good faith efforts to obtain participation by those Contractors certified by the State of Indiana as a Minority Business (“MBE”) or as a Women’s Business

Enterprise (“WBE”) as a factor in determining the lowest, responsible, responsive bidder.

In no event shall persons or entities seeking the award of a City contract be required to award a subcontract to an MBE/WBE; however, it may not unlawfully discriminate against said WBE/MBE. A finding of a discriminatory practice by the City’s MBE/WBE Utilization Board shall prohibit that person or entity from being awarded a City contract for a period of one (1) year from the date of such determination, and such determination may also be grounds for terminating the contact for which the discriminatory practice or noncompliance pertains.

7. The undersigned contractor agrees that the following nondiscrimination commitment shall be made a part of any contract which it may henceforth enter into with the City of South Bend, Indiana or any of its agencies, boards or commissions.

Contractor agrees not to discriminate against or intimidate any employee or applicant for employment in the performance of this contract with privileges of employment, or any matter directly or indirectly related to employment, because of race, religion, color, sex, gender expression, gender identity, sexual orientation, handicap, national origin or ancestry. Breach of this provision may be regarded as material breach of contract.

I, the undersigned bidder or agent as contractor on a public works project, understand my statutory obligations to the use of steel products or foundry products made in the United States (I.C. 5-16-8-1). I hereby certify that I and all subcontractors employed by me for this project will use steel products or foundry products on this project if awarded. I understand that violations hereunder may result in forfeiture of contractual payments.

I hereby affirm under the penalties of perjury that the facts and information contained in the foregoing bid for public works are true and correct.

Dated this _____ day of _____, 20__

Contractor/Bidder (Firm)

Signature of Contractor/Bidder or Its Agent

Printed Name and Title

Subscribed and sworn to before me this _____ day of _____, 20__

My Commission Expires _____

Notary Public

County of Residence _____

(To be completed only by Contractors/Bidders claiming to be a "local Indiana business" pursuant to I.C. 36-1-12-22)

INDIANA LOCAL BUSINESS PREFERENCE CLAIM

A "local Indiana business" refers to any of the following:

- (1) A business whose principal place of business is located in an affected county.
- (2) A business that pays a majority of its payroll (in dollar volume) to residents of affected counties.
- (3) A business that employs residents of affected counties as a majority of its employees.
- (4) A business that makes significant capital investments in the affected counties as defined in rules adopted by the political subdivision.
- (5) A business that has a substantial positive economic impact on the affected counties as defined by criteria in rules adopted by the political subdivision.

An "affected county" refers to St. Joseph County, Indiana, or the following counties located adjacent to St. Joseph County: Elkhart County, Marshall County, Starke County and LaPorte County

There are the following price preferences for supplies purchased from a local Indiana business:

- 5% for a purchase expected by the purchasing agency to be less than \$50,000
- 3% for a purchase expected by the purchasing agency to be at least \$50,000 but less than \$100,000.
- 1% for a purchase expected by the purchasing agency to be at least \$100,000.

Date: _____

Pursuant to I.C. 36-1-12-22, _____ claims a local Indiana business preference for Project _____ (Project # _____) located within the City of South Bend, St. Joseph County, Indiana.

- The location of the principal place of business is _____: (Address)
- St. Joseph County, Indiana
- The following county located adjacent to St. Joseph County, Indiana: _____.
- The majority of the business's payroll for the 12 months prior to the date of this Bid is to residents of St. Joseph County, Indiana or the adjacent county noted above.
- The majority of the business's employees for the 12 months prior to the date of this Bid are residents of St. Joseph County, Indiana, or the adjacent county noted above.

If the business is deemed to be the apparent lowest, responsible, responsive bidder, then it shall provide supporting documentation for the 12 month period prior to the date of the Bid of (i) the total payroll amount paid to all employees of the business, and (ii) the total payroll amount paid to employees who are residents of St. Joseph County and the adjacent county noted above.

**WHEN SUPPLYING SUPPORTING PAYROLL RECORDS,
BIDDER SHALL REDACT ALL SOCIAL SECURITY NUMBERS.**

Dated this _____ day of _____, 20__.

Contractor/Bidder (Firm)

Signature of Contractor/Bidder or Its Agent

Printed Name and Title



SPECIFICATIONS CITY OF SOUTH BEND

BID NAME	One (1) or More 2016 or Newer Combination Jet Rodder/Vacuum Machine with Cab & Chassis (Spec H)
FOR BIDS DUE	April 12, 2016; 9:30 a.m., Local Time

Pursuant to notices given, the undersigned offers bid(s) to the City of South Bend in accordance with the following attachment(s) which specify the class or item number or description, quantity, unit, unit price.

SPEC H – ONE (1) OR MORE 2016 OR NEWER COMBINATION JET RODDER/VACUUM MACHINE WITH CAB & CHASSIS

It is the intent of these specifications to describe a vehicle or piece of equipment for the City of South Bend. The unit shall be bid as a fully equipped complete unit as set out in the attached specifications. No partial or split bids will be accepted. Unit to be bid with and without trade-in if applicable. Vendor to complete bid proposal contained in this bid specification and attach to the submitted bid.

These are minimum specifications. Any variation from the specifications must be spelled out on a separate deviation list in order for the bid to be valid. **Any items not listed on the deviation sheet will be assumed to be part of the unit.**

Proprietary products or specific manufacturers may be referenced herein. Such references are only made to demonstrate minimum scope, quality, and style of the equipment desired. Equipment that is bid pursuant to these specifications shall be of equal quality and size, or greater, to those referenced, and are subject to approval by the South Bend Board of Public Works.

Vendor shall provide all information requested in specifications to qualify for bid. If information on brochure submitted does not completely cover specifications requested, it shall be typed and attached to brochure.

If an Option is included within these specifications, please be advised that, optional items placed in the specifications are to determine the best configuration of the item within a budgeted amount and may be included in the award criteria. If the Board elects to award one or more option(s), the base bid price and the option bid price(s) will be totaled and compared for all bidders offering the final configuration. Award will be made based on the lowest responsible/responsive bid prices submitted for the base bid with selected option(s), if applicable. Failure to submit a bid on an option may result in the entire bid being non-responsive, depending on the final configuration of the product.

Payment will be processed once the unit is inspected and accepted as to meeting the specifications by the Division of Central Services. This will include all manuals and warranty documentation.

Bidder must state as accurately as possible an intended delivery date from the date of the bid award. Due to the age of the City’s existing fleet, it is imperative that the unit’s be delivered as quickly as possible. **Stated delivery lead time may be included as an integral part of our bid selection process.** FOB Central Services. The unit and all related paperwork is to be delivered to:

Central Services Division
 1045 West Sample Street
 South Bend, Indiana 46619

All Certificates of Origin/Title Work shall list the owner as:

The City of South Bend
 1045 West Sample Street
 South Bend, Indiana 46619

The Board will award the bid to the lowest responsible and responsive bidder. If the bid is not awarded to the lowest bidder, the factors used to justify the awards will be stated in writing at the request of any bidder.

The Board reserves the right to reject any and/or all bids or portions thereof and to waive any irregularities or informalities.

SPECIFICATIONS

SHALL BE AS SPECIFIED

Chassis:	Single axle, conventional cab, with approximate wheel base of 204". Frame tow hooks front and back.	YES/NO
Front Axle:	20,000 lb with 20,000 lb suspension.	YES/NO
Rear Axle/ Suspension:	30,000 lb capacity minimum with 30,000 lb suspension.	YES/NO
Engine:	370 horsepower minimum diesel engine. Emergency shut down system for low oil pressure, high water temperature. Unit to include provisions for a front mounted PTO including flange for adapting to front mounted pump. Air filters shall be replaceable paper type with a restriction gauge. Oil filters to be flow through spin-on type. Fuel system to include primary and secondary filter with fuel/water separator. 1,500 watt engine block heater to be included. Engine warranty to be 5 year/10,000 hour.	YES/NO
Cooling:	Heaviest available for model bid. Radiator to be located to allow PTO shaft to pass under lower tank. Permanent anti-freeze set to minus 35 degrees.	YES/NO
Transmission:	Allison 3000 RDS six speed automatic transmission with PTO provision or equal. Furnished with transmission temperature gauge, auxiliary in-line oil filter and oil cooler. Allison 5 year/unlimited mileage extended service coverage shall be included.	YES/NO

Fuel Tank:	Dual 50 gallon fuel tanks to be marked "Diesel Fuel". Davco Series 210 heated fuel/water separator or equal located in the engine compartment.	YES/NO
Electrical:	Two (2) maintenance free 12 volt batteries, 900 CCA minimum. Alternator to be 100 amp minimum, automatic reset circuit breakers in lieu of fuses. Lighting, LED per DOT specifications, all electrical connections to be waterproof. All wiring to be color coded and marked as to function.	YES/NO
Exhaust:	Vertical exhaust is not to interfere with mounting of sewer cleaning equipment. Vertical tail pipe guard and rain cap to be included.	YES/NO
Frame:	110,000 PSI minimum, C channel reinforced full length. Heavy duty steel front bumper.	YES/NO
Brakes:	Dual anti-lock air brake system. 13.2 CFM minimum air compressor, automatic slack adjusters. Bendix AD-9 or equal air dryer.	YES/NO
Steering:	Full power assist.	YES/NO
Tires & Wheels:	Steel disc wheels, 11R22.5 16 ply tires. All wheels to be hub piloted and painted white.	YES/NO
Cab:	Conventional all steel two man cab. Bostrom air ride driver's seat, fixed passenger seat. External assist handles on both sides. 16" x 7" west coast mirrors with 8" convex mirror. Right side lower door window with mirror. Tinted windshield, dual sun visors, seat belts, automatic turn signals, intermittent wipers, and adjustable steering column. Cab to include hour meter, transmission temperature gauge, oil pressure, water temperature gauge, dual air horns, heavy duty heater and defroster, air conditioning, and am/fm radio. Cab to include cab mounted strobe light. Chassis to include electronic back-up alarm. Color to be white.	YES/NO
Safety:	Truck to conform to all D.O.T. requirements including back up warning alarm.	YES/NO
Jet Rodder Specifications:	9 cubic yard minimum capacity centrifugal compressor (fan type) vacuum system. Vacuum and flushing system must have the ability to be varied separately.	YES/NO
Debris Body:	<p>The debris storage body shall be constructed of a minimum 1/4" corrosion and abrasion resistant steel with a minimum yield point of 50,000 PSI and a minimum tensile strength of 70,000 PSI. Bulk heads to be 3/8" minimum.</p> <p>The body shall be round for maximum strength and have a usable fill capacity of 9 cubic yards or 1,200 gallons.</p> <p>The body shall have a full size rear door that is hinged at the top and is equipped with a replaceable neoprene type seal to prevent leakage. Door to be hydraulically open and close to 90° minimum. Hydraulic locks to be provided.</p> <p>The body shall be supplied with a load level indicator and</p>	YES/NO

	<p>buzzer to show when the body is loaded to capacity. The rear door shall be equipped with a body drain hose which allows operator to drain off excess liquids while retaining solids.</p> <p>Debris body shall be dumped by raising the body to a 50 degree angle utilizing a forward mounted, double acting hydraulic dump cylinder or equal. Debris body internal wash out system shall be included that operates directly from the high pressure water pump and is capable of full pump capacity. Wash out jets (6 minimum) shall be located in front upper part of debris body.</p> <p>The debris body shall be fixed on an independent frame, separate from the chassis frame and mounted via a 3 point mounting system to allow flexing to occur without causing frame damage.</p> <p>Liquid return system to return recovered water from debris body back to manhole.</p> <p>Dump controls and accessory controls shall be provided at a central curb side location directly behind the cab of truck for safety.</p> <p>Debris body shall be supplied with a bolt on spill shield that is easily removed for cleaning. Shield will be a minimum 12” on bottom half.</p>	
<p>Water Tanks:</p>	<p>Water tanks must have a minimum metered capacity of 1,000 gallons.</p> <p>The water tank capacity shall be achieved via four or six separate cells, which must be constructed of a non-corrosive material, aluminum or stainless steel or poly. The water cells shall not require internal coatings and shall be easily repaired or patched if required. The water tank shall not be a part of the debris hopper or tank.</p> <p>The water cells shall be hung via rubber line “J” straps, or mounted on as steel protective plate which will allow cells to easily be removed from the unit if required.</p> <p>The water cells shall be located beginning directly behind the cab of the truck and ending at the very rear of the unit, thus providing the best possible weight distribution.</p> <p>The water tanks shall be adequately vented and connected to provide complete filling. A minimum 6” and 4” connection between tanks shall be provided.</p>	<p>YES/NO</p>

	<p>The water tanks shall be totally separate from and provide no structural support for the debris tanks. The water tanks shall share no common walls with the debris tanks to prevent corrosion.</p> <p>All water cells shall be positioned at or below the frame of the unit thus providing the best possible and lowest available center of gravity. The water cells shall not raise with the debris body when dumping.</p> <p>The water tank shall come equipped with an anti-syphon device and 25' of hydrant fill hose and fittings. A water level sight gauge shall also be provided.</p> <p>A continuous fill system shall be provided so that the unit may be hooked directly to a hydrant.</p> <p>The water tank shall come supplied with a "Y" pattern stainless steel strainer to filter the water before it enters the tank.</p> <p>The water tank shall carry a 10-year warranty against corrosion or cracking.</p>	
<p>Vacuum System:</p>	<p>System shall be a centrifugal compressor fan system. The compressor shall be manufactured out of corten steel or equal for operator safety. The centrifugal compressors shall be capable of air flows from 0 to 8,000 CFM's and pressures from 0 to 200" negative water pressure.</p> <p>For maximum material separation and to minimize the possibility of material discharge to the atmosphere, the compressor shall pull air from two separate ports of the debris tank.</p> <p>Compressors shall be able to vacuum wet or dry material without damaging the vacuum system. Compressors shall also carry an unconditional five (5) year warranty on the centrifugal compressor.</p> <p>The unit shall also have the ability to vacuum and jet rod to depths of 100 feet. Compressor bearings to have an auto lube system.</p>	<p>YES/NO</p>
<p>Vacuum System Pick Up Hose:</p>	<p>Shall be designed for front end operation with hose mounted and stored at front mounted work station. Front mounted location is desired for ease of positioning vacuum hose as well as minimizing need for operator to swing hose into traffic.</p> <p>All connections between debris body and vacuum system will be of the self-adjusting pressure fitting type.</p>	<p>YES/NO</p>

	<p>Vacuum hose will remain stationary and not raise with debris body in order to minimize possibility of running vacuum hose into power lines and low hanging branches. The upper debris tube shall consist of an anchored steel tube and elbow for additional life</p> <p>The boom shall be hydraulically drive up, down, left, and right directions. Boom shall be controlled by a remote push button control station by cable to the hydraulic power swing and lift cylinders.</p> <p>The control station shall come equipped with control switches for all directions as well as a safety emergency shut down button which automatically eliminates power to the boom.</p> <p>For operator safety, a vacuum shut off switch shall be provided at the operator station that will instantly cut off vacuum air flow and reduce engine RPM to idle.</p> <p>A cab protection device independent of cab that will protect cab from boom will be provided.</p> <p>Pipe extensions will be included to allow operator to clean to depths of 35 feet. The following vactor style tubes:</p> <p>Suction Tubes and Hoses One - 6” x 6’ Intake Tube with clamp Two - 6” x 8’ Extension Tube with clamps Two - 6” x 5’ Extension Tube with clamps Two - 6” x 3’ Extension Tube with clamps One - 6” x 3’ Fluidizer Tube with clamp One – 6” (Vactor type clamp) x 4” with hose quick connector Curb side “Lazy Susan” type 5 pipe holder to be included on curb side along with hydraulic fold down pipe rack for remaining pipes.</p> <p>REDUCER Three sections – 30 feet of 4” reinforced rubber or plastic flex vacuum hose (smooth interior) with quick connect ends. Truck compartment storage for one roll of 30 foot hose section Four – spare 6” clamps</p> <p>Decanting pipe to front of unit.</p> <p>Pipe should include sufficient adjustable over center quick clamps to join the aluminum flange end pipe. Pipes to be stored on duel fold down pipe racks holding 3 sections each. Tube rack for extensions mounted 4 feet from ground level.</p>	
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	<p>The vacuum hose will be mounted on a boom which will rotate a minimum 180 degrees and provide a full 90 degree rotation to each side of the unit.</p> <p>The boom shall extend and retract a minimum of 10 feet and shall be located at the front work station in its retracted position.</p> <p>The boom shall include a true telescoping suction tube which will extend and retract without affecting the steel elbow or lower debris hose vertical position.</p> <p>The boom shall maintain a proper seal of the telescoping suction tube.</p>	
<p>High Pressure Water Pump:</p>	<p>The following is a description of the hydraulically driven high pressure water pump currently used by the City of South Bend. This system has proven very effective and does meet all of our requirements for high pressure line cleaning. Any bidder wishing to bid an alternatively driven pump may do so with a detailed explanation of that system and the benefits to be received by the City of South Bend from the use of such a system. Such an alternative system may or may not be acceptable to the City. Belt type drive will not be acceptable.</p> <p>Water pump shall be triplex, plunger type pump or piston type pump with continuous smooth water pressure and the ability to run dry without damage. An accumulator will be provided, if necessary, for continuous smooth water pressure.</p> <p>The hydraulic flow to drive the water pump will be from a hydraulic oil pump driven by the front crankshaft PTO.</p> <p>The rated design capacity of the high pressure water pump shall be 60 GPM and 2,000 PSI. This capacity shall insure long pump life. A certification by the pump manufacturer for continuous duty shall be provided.</p> <p>The high pressure water pump will be designed so no damage will occur if run at normal operating pressure without water for 10 minutes. A certification by the original water pump manufacturer to operate in such a manner shall be provided.</p> <p>The water pump will be used to purge residual water out of the water system by pumping air through entire water system. Drain plugs will be provided in the bottom section of the water pump for complete cold weather draining.</p> <p>The water pump shall be capable of maximum water pressure and flow while achieving maximum vacuum pressure. The water pump shall operate independent of vacuum system.</p>	<p>YES/NO</p>

	<p>A heat exchanger will be provided in the water system to cool all hydraulic fluids on the unit.</p> <p>A monitor light shall be provided to indicate when designed flow or pressure is exceeded.</p> <p>Water pump shall have capabilities of being engaged or disengaged from driving mechanism at one front control panel by turning on or off an electric switch thus providing added control and safety.</p>	
Cold Weather Protection:	<p>A water recirculation system shall be included that is designed to prevent freezing of water in winter conditions by circulating the water through the entire water system.</p> <p>Draining of the water system must be accomplished by having drain ports on the lowest components on the water system. An air system to blow out all water in pump and lines using the chassis air system shall be provided.</p>	YES/NO
Rotation Hose Reel:	<p>The reel is to afford excellent visibility on the latest truck models; therefore, the overall installed height of the assembly cannot exceed 67” with a minimum ground clearance of 14”. Reel to include hose foot counter on both sides of reel if necessary.</p> <p>The reel is to be manufactured out of ¼” spun steel for added structural strength. It must not require any internal or external reinforcements. The reel must have a capacity of 600’ of 1” ID rubber rodder hose. The 1” rodder hose is to be Parker, Parflex Predator 5616/HPSH-16, 2,500 PSIW. Dimensionally, the reel assembly is to have a maximum width and depth of no more than 37” and a maximum height of no more than 43”.</p> <p>The hose reel shall be on the front of the truck along the center line axis of the truck with the reel in its fixed position parallel to the truck grill.</p> <p>The reel is to require no chains and is to be hydraulically driven using a planetary gear reduced with a reduction ratio of 20:1. All wires and hoses are to be fully shrouded.</p> <p>The hose reel is to be equipped with an automatic and manual level wind guide. It is to provide the operator with complete hands-off operation so that his attention can be focused on line cleaning rather than guiding and wrapping the hose. It is to be chain driven directly from the hose reel shaft and equipped with a bearing supported lead screw with brass follower. The guide way is to be constructed of hard chrome for wear and corrosion resistance. An air-operated, preloaded, aluminum</p>	YES/NO

	<p>pinch roller with self-lubricating polyethylene ends for reel protection is to maintain hose placement on the reel. The wind guide is to have a free-wheeling provision for quick adjustment to compensate for hose length changes and/or repair and is to be equipped with dual polyurethane hose guide rollers.</p> <p>The hose reel mounted electronic controls shall include the following:</p> <ul style="list-style-type: none"> Truck engine throttle All rear engine controls High pressure water pump on-off Hose reel forward-reverse valve Adjustable hose reel speed control Oil dampened water pressure gauge Boom controls, up/down, left/right, in/out Boom control each side Pneumatically operated reel rotation lock 	
Wireless Remote:	Unit to include a wireless remote to control all operations.	YES/NO
Handgun Manhole Cleaning System:	<p>The high pressure water pump will be utilized to supply 20 GPM at 600 PSI (relieved to protect operator) to handgun system.</p> <p>A handgun will be supplied that comes equipped with 25' minimum of ½" wire reinforced hose. The handgun should come equipped with quick connect coupler. Hose to be stored on a retractable hose reel.</p> <p>Handgun system will include a center mounted coupler that allows the operator to deliver water to area served by pick up hose and to the inside of the debris body for clean out. The handgun should allow for changing of flow pattern from a fine mist to a steady stream.</p>	YES/NO
Electrical System:	<p>The entire electrical system shall be vapor sealed to eliminate moisture damage to NEMA 4 (National Electrical Manufacture Association) standards.</p> <p>All electrical connections shall require no exposed wires or terminals.</p> <p>All light bulbs shall be shock mounted to eliminate bulb failure.</p> <p>All wiring shall be color coded and run in sealed terminal boxes.</p>	YES/NO
Hydraulic System:	The hydraulic reservoir shall have a minimum 45 gallon capacity. Required dual hydraulic system capable to operate a hydraulic jack hammer, in addition to main machine functions.	YES/NO

	Vendor to supply information describing all components of the system including capacities. Any vendor bidding an alternative power source should include a list of all components, their function, periodic maintenance required, and system advantages.	
High Pressure Jet Hose:	<p>The jet rodder hose will be 1” inner diameter Parker, Parflex Predator 5616/HPSH-16, 2,500 PSIW with an operating pressure of 3000 PSI and burst pressure of 7500 PSI; it will bear a blue stripe to indicate its operating and burst pressures. The hose will have a smooth interior bore created by the heat annealing and mandrel manufacturing process that is wrapped with high tensile, braided cording, and additional layered and molecularly bonded coating that is abrasion and cut resistant. The hose will have a minimum 4” bend radius and high kink resistance because of its fabrication.</p> <p>Two nozzle supports are to be furnished with unit. 1” diameter narrow 12” and a one inch diameter wide 20”.</p>	YES/NO
Lights:	<p>In addition to all lights customarily provided with this type of equipment, strobe lights are to be mounted, one on the rear of the debris body and one on cab guard in front of debris body, one each side mid body. An arrow is to be mounted on the highest point possible on the rear debris door.</p> <p>Boom to be quipped with two spot lights for operation at night.</p> <p>A hand help spot light is to be provided powered by chassis, 12 volt system with plug in on front of chassis.</p>	YES/NO
Maintenance:	All bearings, bushings, pivot points and boom to be greased by the operator from ground level.	YES/NO
Mounting:	Unit bid will be mounted on an approved truck chassis at the factory of the body manufacturer. Shall include a tool box as specified by the City, located behind the cab, 17 ½” wide, 68” long, 4’ tall with a full size door on each end and one full length shelf 17” from the top.	YES/NO
Parts & Service:	<p>Due to the type of work this equipment will perform, down time must be kept to a minimum. Accordingly, parts and service must be available as listed below:</p> <p>Parts must be shipped within 48 hours of notification (excluding weekends and holidays) or they are not charged to the City.</p> <p>Service and repair at the City’s facilities from the manufacturer must be available within twenty-four (24) hours of notification to the manufacturer, excluding weekends and holiday.</p>	YES/NO

	<p>Factory authorized service location with stock parts must be provided by the manufacturer.</p> <p>Three copies each of operational, parts and repair manuals shall be provided. Any available technical data sheets shall also be provided, and two sets of line tickets shall be furnished on the truck.</p>	
Warranties:	<p>The equipment furnished pursuant to these specifications shall be warranted by the manufacturer as follow:</p> <p>All equipment supplied by the bidder, whether or not manufactured by the bidder, will be warranted by the bidder for a minimum of one (1) year from the date of acceptance after delivery.</p> <p>The vacuum fan compressor shall be warranted for a period of five (5) years.</p> <p>The auxiliary engine shall be warranted for a period of five (5) years.</p> <p>The debris tank shall be warranted for a period of ten (10) years.</p> <p>The roots type blower will be warranted for a period of five (5) years.</p> <p>The water tank will be warranted for a period of ten (10) years against cracking or corrosion.</p> <p>The warranties indicated above shall be provided to the City at no additional charge. The manufacturer, under these warranties, shall replace all equipment or parts required without cost to the City for the periods of the warranties provided that the unit is serviced as outlined by the manufacturer. Said written warranty shall be certified and provided to the City at the time of delivery.</p> <p>In addition to the warranties required above as part of the bid price, the bidder is asked to describe any additional warranties that are provided by the manufacturer on the equipment. Specifically, the bidder is asked to describe any additional warranties that might be available for the water pump, the power train, the fan, and the debris body. If additional warranties on these and other parts of the equipment can be provided to the City at an additional cost, bidder should indicate the terms of these warranties and the cost involved. The cost of <u>additional</u> warranties should not be included in the bid price, but listed separately as options. We need written</p>	YES/NO

	<p>certification of all extended warranties at the time of delivery.</p> <p>Chassis 12 months/24,000 miles complete. Engine and transmission as specified. The unit shall be awarded as a complete unit including all sewer cleaning equipment. The successful bidder will be responsible for all warranty repairs and/or the transportation of the unit to and from authorized warranty repair facility within 8 hours of notification excluding weekends and holidays. Failure to do so will result in a \$200 per day late charge. Exceptions to this policy may be grounds to reject a vendors bid. It is the objective of Equipment Services to keep this equipment available for use on a 24 hours basis. Therefore, repairs that may require lengthy travel time and distance may affect this bid. State location of nearest chassis warranty repair facility, _____</p> <p>_____</p> <p>State location of nearest jet rodder warranty repair facility, _____</p> <p>_____</p>	
Performance Evaluation:	<p>Each bidder should be prepared to provide the City with a unit for evaluation. A jet rodding/vacuuming performance evaluation will be conducted by a team of City employees. Performance as determined by the City will be used to decide if the unit bid is responsive to the needs of the City of South Bend. The City of South Bend reserves the right to have a representatives from an outside agency attend the performance evaluations. The results of these performance evaluations will be determine if the unit bid meets the minimum performance standards of the City of South Bend. The evaluation results are the property of the City of South Bend and cannot be used by anyone other than City employees for evaluation purposes.</p>	YES/NO
Additional Equipment:	<p>The City is interested in obtaining price quotations on the following optional equipment:</p> <ol style="list-style-type: none"> 1. Surge valves for debris body. 2. 65 lb. class hydraulic breaker with 25' of hose. 3. Front mounted traffic cone holder to be included. 4. Additional 12" W x 18" L x 8" H tool box on the passenger side of the unit will be included. <p>Bids on optional equipment shall be listed separately in your bid from the bid price for the combination jet rodder/vacuum machine described above.</p>	YES/NO
Training:	<p>Training for City personnel on the safety and the operation of this equipment is required as part of any bid submitted herein. Training will include, but not limited to, those items outlined below. Part of the training will take place at the manufacturer's plant, and expenses incurred to complete this training will be at</p>	YES/NO

	<p>the expense of the successful bidder, including travel, lodging, school materials, and meals for the South Bend City employees, including the following:</p> <p>Two (2) operators, two (2) mechanics, and one (1) supervisor.</p> <p>At a minimum, the training will include those items set out below:</p> <p>Introduction to the Equipment and Plant Tour This will include an overview of the complete production process from the arrival of the chassis to completed unit. Viewing this production system will give the employees a better understanding of the finished product.</p> <p>Introduction to Operator’s Manual Three (3) sets to be included. This will include a breakdown of each section of the manual, operational controls, safety shut down, daily and weekly maintenance, and trouble shooting.</p>	
In-house Training:	<p>Upon delivery of the unit to the City of South Bend, the successful bidder will provide a factory authorized trainer to do on-street training for the operators.</p> <p>This training will include a review of daily and weekly maintenance and proper operations of this equipment.</p> <p>Training will continue as long as the City of South Bend deems necessary. The successful bidder will be responsible for the cost of training the first two (2) days and the City will pay a reasonable hourly rate for any additional training past that time. Lodging and meals for the trainer are the responsibility of the bidder.</p>	YES/NO
Continued Training:	<p>Additional information and answers to questions from the City shall be provided by the manufacturer for the life of the machine at no cost to the City of South Bend.</p>	YES/NO
Inspection and Delivery:	<p>The successful bidder shall arrange a final inspection of the combination jet rodder/vacuum machine upon delivery with the manager of the City Equipment Services Division. If it is found that the equipment does not conform to the specifications as written, the City reserves the right not to accept the unit until such time as all corrections have been made by the bidder to meet the specifications.</p>	YES/NO
Criteria for Award:	<p>The award of a contract pursuant to this specification, if any be made, will be made within thirty (30) calendar days after the opening of the proposals to the lowest responsible and responsive bidder whose proposal complies with all of the requirements prescribed. Until the final award to the contract,</p>	YES/NO

	however, the right is reserved by the City to reject any and all proposals and to waive technical errors.	
Additional Information:	For additional technical information regarding these specifications, contact Matt Chlebowski, Director of Central Services, City of South Bend, at 574-235-9316. For additional information regarding the legal requirements for bids pursuant to these specifications, contact Assistant City Attorney, City of South Bend, Indiana, 574-235-9241.	
Trade-In:	SN461, 2003 Sterling Jet Rodder, VIN#2FZAATAK53AL73923	YES/NO
Quantity:	One (1) or more	YES/NO



**BID/PROPOSAL
CITY OF SOUTH BEND**

BID NAME One (1) or More 2016 or Newer Combination Jet Rodder/Vacuum Machine
FOR BIDS DUE with Cab & Chassis (Spec H)
April 12, 2016; 9:30 a.m., Local Time

Description	Year/Make/Model	Unit Price
		\$

Year	Make/Model – Trade In	Unit Price
2003	SN461, Sterling Jet Rodder, VIN#2FZAATAK53AL73923	\$

Estimated number of days for delivery from award date.	
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Bidder (Firm): _____

Address: _____

City/State/Zip: _____

Telephone Number: _____ Fax Number: _____

By _____
(Signature)

(Printed Name)

(Title)

BOARD OF PUBLIC WORKS

Gary A. Gilot, President

Therese J. Dorau, Member

David P. Relos, Member

Elizabeth A. Maradik, Member

James Mueller, Member

Attest: Linda M. Martin, Clerk



CITY OF SOUTH BEND INSTRUCTIONS TO BIDDERS

1. BID FORMS AND EXECUTION
 - A. Bidders are expected to examine the Drawings, Specifications, Proposal and all Instructions. Failure to do so will be at the Bidder's risk.
 - B. Each Bidder shall furnish all information required by the Notice, Instructions to Bidders and Specifications. Bids must be made on the form provided. The Bidder shall sign the Proposal and Non-Collusion Affidavit, which is a part of the provided form, where indicated, provide a notary signature and provide all other information required.
 - C. The Bidder shall sign the Proposal in the following manner: If the Proposal is made by an individual, his/her name and post office address must be shown. If made by a partnership or joint venture, the name and post office address of each member of the partnership or joint venture must be shown. If made by a corporation, the Proposal must be signed by an officer of the corporation or by a representative duly authorized by the corporation to execute the Proposal in its behalf.
2. SEALED BIDS ONLY
 - A. Bids, Proposals, Guaranty, and other required documents must be submitted in a sealed envelope marked on the outside with the general classification of material bids, i.e. "Bid for Computer Equipment," "Bid for Front End Loader," or "Bid for Office Supplies."
 - B. When samples are required, such samples shall be delivered or shipped at the bidder's expense to the address specified in the Invitation to Bid. Samples must be shipped separately from bid documents and labeled clearly with the Bidder's name, address and the commodity or equipment classifications and documents, the item (and item number, if any), and Material Safety Data Sheets (if applicable). All samples must be representative of the commodities or equipment which will be supplied by the successful Bidder. All samples will become the property of the City of South Bend and none will be returned, unless otherwise stated in the Specifications.
 - C. In the event of an inconsistency between provisions of the contract documents, the inconsistency shall be resolved by giving precedence in the following order:
3. ORDER OF PRECEDENCE
 - A. Bid Form attached Proposal
 - B. Amendments to Specifications
 - C. Specifications
 - D. Special Provision
 - E. Instructions to Bidders
 - F. Notice to Bidders
4. DELIVERY OF BIDS
 - A. Bids must be delivered to the Office of the Board of Public Works, 13th Floor, County-City Building, Room 1316, 227 West Jefferson Boulevard, South Bend, Indiana 46601 (574) 235-9251, by the time specified (local time) in the Notice to Bidders. If not delivered personally, the sealed envelope containing the Bid must be mailed to the following address:

City of South Bend
Clerk of the Board of Public Works
1316 County-City Building
227 West Jefferson Boulevard
South Bend, Indiana 46601
 - B. The Post Office Department will be considered agent of the Bidder in delivering the bid. The City will not be responsible for deliveries. **Any Bids received after the time specified will be returned unopened.**

- C. Bids will be opened and read publicly at the time and place designated in the Notice to Bidders. Bidders, their authorized agents, and the public are invited to be present.
 - D. Bidders may bid on one (1) or more item, provided however, that the bid submitted for each is delivered in a **separate, sealed envelope**, with the **envelope clearly labeled** on the outside as to the specific item for which the bid is being submitted. Bidders may submit separate bid bonds for each item being bid upon OR may submit one (1) bid bond equal to 10% of the combined total of all bids submitted.
 - E. **The Board may reject any bid based on being non-responsiveness should such bid not conform to these requirements as listed herein or if a bid cannot be delivered in a manner consistent with the needs of the City.**
5. ADDENDA – NO VERBAL INTERPRETATIONS
- A. No inquiries by Bidders relative to interpretation of Plans, Specifications, Special Provisions, or other Bidding Documents will be answered verbally. If any prospective Bidder is unable or unwilling to comply with one or more requirements of the bidding document, such Bidder should so inform the Board of Public Works in writing. Upon receipt of such information, consideration will be given to the advisability of issuing an Addendum which would thereupon become applicable to all Bidders. Any such inquiry must be submitted at least seven (7) days prior to the bid opening date in order to give the Board sufficient time to consider any necessary Addendum. All answers to such inquiries, in the form of Addenda, will be furnished to all prospective Bidders who have registered with the City. All Bidders are required to acknowledge receipt of any Addenda by inserting the Addendum number and the issuing date on executed Proposals.
6. REJECTION OF PROPOSALS CONTAINING ALTERATION, ERASURES, INCOMPLETE BIDS AND ETC.
- A. Proposals shall be rejected if they show any alteration of form, additions not called for, conditional or alternate bids (except when and insofar as are invited), incomplete bids, erasures or irregularities of any kinds.
 - B. All blank spaces for bid prices must be filled in, in ink, with the unit price and total price for each item (This does not apply to divisible bids). In case of incorrect totaling of amounts and where the unit price and the extension thereof do not agree, the unit price for each item shall govern, and the City is authorized to correct all erroneous extension and totals for the purpose of comparing bids.
7. TRADE DISCOUNTS
- A. Trade discounts shall not be shown separately, but shall be incorporated in the Bidder's unit price, unless otherwise specified.
8. VEHICLE BIDS
- A. Bidders may bid on one (1) or more vehicles, provided however, that the bid submitted for each vehicle is delivered in a separate, sealed envelope, by vehicle, with the envelope clearly labeled on Bidders may bid on one (1) or more vehicles, provided however, that the bid submitted for each vehicle is delivered in a separate, sealed envelope, by vehicle, with the envelope clearly labeled on the outside as to the specific vehicle for which the bid is being submitted. Bidders may submit separate bid bonds for each vehicle being bid upon OR may submit one (1) bid bond equal to 10% of the combined total of all vehicle bids submitted.
 - B. If an Option is included within these specifications, please be advised that, optional items placed in the specifications are to determine the best configuration of the item within a budgeted amount and may be included in the award criteria. If the Board elects to award one or more option(s), the base bid price and the option bid price(s) will be totaled and compared for all bidders offering the final configuration. Award will be made based on the lowest responsible/responsive bid prices submitted for the base bid with the selected option(s), if applicable. Failure to submit a bid on an option may result in the entire bid being non-responsive, depending on the final configuration of the product.

9. The Board may reject any bid that does not conform to these requirements as non-responsive.
10. TAX EXEMPTIONS
 - A. The City of South Bend is exempt from the payment of federal excise and transportation taxes levied under the provision of the Internal Revenue Code. It is also exempt from the Indiana State Gross Retail Tax (sales tax). The City will furnish the successful Bidder with any certificate of exemption required.
11. WITHDRAWAL OF BIDS
 - A. Withdrawal of bids will be allowed only in those cases in which a written request to withdraw a bid is received by the Board of Public Works prior to the date and hour for receiving and opening bids. In such cases, the same will be returned to Bidder unopened.
12. ESCALATOR OR CONTINGENT CLAUSES
 - A. The use of escalator clauses or other contingent clauses by the Bidder is prohibited, unless requested or permitted by the Invitation to Bid. No Proposal shall contain nor be accompanied by any writing purporting to limit or qualify the City's right to accept such Proposal or purporting to alter such Proposal or any Contract which may be executed pursuant thereto.
13. PRICES MUST BE DELIVERED PRICES
 - A. The bid price shall be a delivered price. All materials shall be shipped F.O.B. destination as specified in the Invitation to Bid. No fuel surcharges accepted.
14. AWARD – WAIVER OF TECHNICALITIES
 - A. The Award of Bid, if any award be made, will be made within sixty (60) calendar days after the opening of Proposals to the lowest responsible and responsive Bidder who's Proposal complies with all the requirements prescribed, exclusive of technicalities waived. Until the final award of the Bid, however, the right is reserved by the City to reject any and all Proposals and to waive technical errors.
15. SPLITTING OF AWARDS/DIVISIBLE BIDS
 - A. Bids will be awarded on the basis of the total dollar amount for all items in the Proposal unless the bid is described by the City as a Divisible Bid. The City may award a Divisible Bid to the lowest responsible and responsive Bidder for each item or class of items as indicated in the bid documents.
16. BIDDER QUALIFICATION
 - A. The City may require any Bidder to submit evidence of qualifications, and may consider any evidence of the financial, technical, and other qualifications and abilities of the Bidder. The City will not award a Contract to a Bidder who, in its opinion, is not fully qualified on the basis of financial resources and responsibility, possession of adequate equipment, personnel, experience, and past record of performance to perform the obligations to be undertaken competently and without delay.
17. PURCHASE ORDERS
 - A. A Purchase Order will be issued to the successful Bidder after formal acceptance of the bid is made by the City.
18. NEW MANUFACTURE
 - A. Unless otherwise specified in the Invitation to Bid, the items offered shall all be new and the latest model of manufacture.
19. SOURCE OF SUPPLY
 - A. If the Bidder is not a manufacturer, the source of supply must be shown and all sub-contractors must be identified.
20. PACKAGING
 - A. All items shall be delivered strongly packed and marked according to accepted commercial practice unless otherwise directed in the Specifications. No charge shall be made for containers and the City shall have no obligation to return containers unless otherwise provided by the Specifications or Special Provisions. Any items not received in good condition will be rejected.

21. INSPECTION OF GOODS
- A. The City of South Bend reserves the right to inspect and have any goods tested after delivery for compliance with the specifications. Notice of latent defects, which would make the item unfit for the purposes for which they are required, may be given at any time within one year after discovery of the defects.
 - B. All items rejected must be removed immediately by the Contractor at the expense of the Contractor. If the Contractor fails or refuses to remove the rejected items, they may be sold by the City of South Bend.
 - C. In some cases, at the discretion of the City, inspection of the commodities or equipment will be made at the factory, plant, or other establishment where they are produced before shipment.
 - D. The above provision shall not be construed in limitations of any rights the City may have under any laws including the Uniform Commercial Code.
22. ASSIGNMENTS
- A. No person to whom a Contract has been awarded may assign his interest in the Contract without the consent, in writing, of the City.
23. CANCELLATION
- A. The City of South Bend reserves the right to cancel any Contract for failure or refusal of performance, fraud, deceit, misrepresentation, collusion, conspiracy, or any other misconduct on the part of the Contractor.
24. DEDUCTION OF DAMAGES
- A. If the City cancels the contract for any cause, it shall deduct from whatever is owed the Contractor on the Contract or any other Contract, any amount sufficient to compensate the City for any damages suffered by it because of the Contractor's wrongdoing.
25. METHOD OF INVOICING FOR PAYMENT
- A. Contractor shall bill the City of South Bend
 - 1. On regular invoice form giving a complete and detailed description of the goods delivered, including purchase order number.
 - 2. If the Contractor allows a discount, the period of time in which the City must make payment to qualify for the discounts shall be computed from the date the City received the invoice (completely filled out), or the date the goods are delivered and accepted, whichever may be later, and shall not be less than twenty (20) days.
 - 3. If more than one shipment is made under the Contract and on the same purchase order, the City will make partial payments on a basis that is agreeable to both parties.
26. OWNERSHIP OF GOODS
- A. The goods which are the subject of the Contract shall remain property of the Contractor until delivered to and accepted by the City of South Bend.
27. ESTIMATED QUANTITIES
- A. If the quantity set forth in the Notice to Bidders and Proposal is approximate and represents the estimated requirements of the City for a specified period of time, the unit price and the extended total price thereof shall be used only as a basis for the evaluation of bids. The actual quantities necessary may be more or less than the estimate, but the City shall neither be obligated nor limited to any specific amount. The City will, if at all possible, restrict increases to twenty percent (20%) of the estimated quantity and will, if at all possible, restrict decreases to twenty percent (20%) of the estimated quantity.
28. TERM "OR EQUAL"
- A. Where the term "OR EQUAL" is used in these Specifications, the Bidder deviating from specified item shall file with his/her bid a letter fully explaining and justifying his/her proposed article or equal. The City of South Bend shall be the sole judge in determining if the "OR EQUAL" offered meets the Specifications.

29. INDEMNIFICATION CLAUSE

- A. The Contractor agrees to indemnify, defend, and hold harmless the City of South Bend, its agents, officers, and employees from all costs, losses, claims and suits, including court costs, attorney fees, and other expenses, arising from or out of the negligent performance of this Contract by the Bidder or because or arising out of any defect in the goods, materials or equipment supplied by the Bidder.

NOTE: Incoming mail does not reach the Board of Public Works until after 9:30 a.m. If you are sending your bid via Federal Express or another overnight source, please confirm that your package will arrive before the bid opening time and date.