

GEORGE FLAGGS, JR.
MAYOR

ALEX J. MONSOUR, JR.
ALDERMAN



MICHAEL A. MAYFIELD, SR.
ALDERMAN

City of Vicksburg

1401 WALNUT STREET • VICKSBURG, MS 39181 • (601) 636-3411

GF _____
MM _____
AM _____

NOV 01 2017

November 06, 2017

Board of Mayor and Alderman
City of Vicksburg
Vicksburg, Mississippi 39181-0150

Gentlemen:

Attached are the specifications and bid sheets for a Vac Ram Jet Trailer.

The purpose of this request is to purchase this item.

Funds were allocated and are available.

I respectfully request that the Mayor and Alderman of the City of Vicksburg authorize the advertisement for the sealed bids for this purpose.

Sincerely,

A handwritten signature in cursive script that reads "Ann Grimshel".

Ann Grimshel, CPPB
Purchasing Director

attachment

Incorporated 1825

City Website: <http://www.vicksburg.org>

CITY OF VICKSBURG

P O Box 150

Vicksburg, MS 39181-0150

SEALED bids for **Vac Ram Jet Trailer** shall be received by the City Clerk or appointed designee in the Office of the City Clerk at 1401 Walnut Street until 9:00 a.m. on the _____ day of _____ 2017. The bids will be publicly opened and read aloud at the meeting of the Board of Mayor and Aldermen in their regular meeting at 10:00 a.m. on the _____ day of _____ 2017.

Bidders are cautioned that the City Clerk does not receive the daily U.S. Mail on or before 9:00 a.m. Bids will be time-stamped upon receipt according to City Clerk's time clock.

Specifications and instructions for bidding are on file in the office of the City Clerk, second floor, City Hall, corner Crawford and Walnut Streets, Vicksburg, Mississippi.

~~Cash cashier's check, certified check of bidder's bond in the amount of 5% of bid must accompany same.~~
~~A performance bond and a payment bond, each in the amount of 100 percent of the contract, issued by a Surety Company licensed to operate in the State of Mississippi will be required by the successful bidder.~~

The Mayor and Aldermen of the City of Vicksburg reserve the right to reject any and all bids and to waive informalities.

NOTICE TO BIDDERS

Bids must be submitted on this form. Bids made otherwise will be subject to rejection. The above bid description must be shown on the front of envelope in which this bid is submitted. The above bid description must also be shown on the front of the express envelope, if one is used. The City of Vicksburg assumes no responsibility for unmarked envelopes being considered for award. Only one bid per envelope, please. Bidders are required to sign this form in the space provided. It is requested that complete bids are either typed or printed in black ink only. The requirements of these specifications are minimum acceptable.

Item No.	Quantity	Unit	Items	Unit Price	Total Price
			Please insert prices on attached price sheet		

INSTRUCTIONS TO BIDDERS

1. Unless otherwise requested, submit only one copy of each bid.
2. Bids, amendments thereto, or withdrawal requests received after the time advertised for bid opening will be void regardless of when they were mailed.
3. Quote prices on units specified with packing included; or redelivery check, title and inspection when applicable to motor vehicle.
4. Attach complete specifications for any permitted substitutions offered, or when amplification is desirable or necessary.
5. If specifications or descriptive literature is submitted with bids, enter the bidder's name thereon.
6. If the article bid upon has a trade name or brand, show the same in the bid.
7. Sample, when required, must be submitted free of expense, unless otherwise specified, in accordance with the conditions and instructions in the body of this bid notice.
8. ~~Each Bidder shall have a Certificate of Responsibility to bid on contracts for public projects in which the bid price exceeds \$50,000.00 and for private projects in which the bid price exceeds \$100,000.00, as required by the laws of the State of Mississippi. Each Bidder shall show on the outside of the envelope containing his bid; his current Certificate of Responsibility number and expiration date, or if applicable, a statement certifying that the bid enclosed does not exceed \$50,000.00 for a public project or \$100,000.00 for a private project; his name; and the name of the Contract for which the bid is submitted. Failure to show these items on the outside of the envelope containing the bid will result in the bid being returned to the Bidder unopened. Public funds are involved in this project.~~

TERMS AND CONDITIONS

1. The Mayor and Aldermen of the City of Vicksburg reserve the right to reject any and all bids, and to waive all technical informalities.
2. Unit prices will govern over extended prices, unless otherwise stated in notice.
3. Prompt payment cash discount, when applicable, shall be taken on all payments made on or before the tenth day of the month following the month in which the items and the correctly executed invoice were received.
4. In case of default of contractor, the City reserves the right to purchase any or all items in default in open market, charging contractor with any excessive costs. Should such charge be assessed, no subsequent bids of the defaulting contractor will be considered until the assessed charge has been satisfied.
5. All materials and products offered must be guaranteed to meet the requirements of the specification indicated, given, or referred to.
6. Prices bid must be based upon payment within the month following the month in which the items and invoices were received.
7. The right is reserved for the Mayor and Aldermen of the City of Vicksburg to make an award which is determined to be to the best interest of the City of Vicksburg.
8. The right is reserved to reject any bid in which the delivery time is considered sufficient to delay the operation for which the item is intended.
9. Prices must be firm.
10. The successful bidder shall indemnify and save harmless the Mayor and Aldermen of the City of Vicksburg and all City officers, agents, and employees from all suits or claims of any character brought by reason of infringing on any patent, trademark, or copyright.
11. Ambiguous bids which are uncertain as to terms, delivery, quantity, or compliance with specifications may be rejected or otherwise disregarded.
12. Any contract entered into by the Mayor and Aldermen of the City of Vicksburg resulting from this bid notice shall be subject to cancellation at the end of any fiscal or appropriation year unless otherwise provided by law.
13. Reference to manufacturer's product by make, model, series number, etc., is intended only to establish a standard of quality.

BID

I, the undersigned, certify that this proposal does not violate any federal or state antitrust laws. Motor Vehicle Commission License No. (If applicable) : _____ Date: _____

In compliance with the invitation, and subject to all conditions thereof, the undersigned offers and agrees, if this bid is accepted within sixty days from date of opening, to furnish any and all items quoted on at prices as set forth after the item and make delivery as required after receipt of order, delivered, all transportation costs included and prepaid and, unless otherwise stated and accepted herein unless otherwise specified in the invitation to bid. Prompt payment cash discount of _____ per cent is allowed.

Bidder: _____ Street or P O Box _____

City _____ State _____ Zip Code _____ Telephone No. _____

By: _____ Title _____

(BIDS MUST BE SIGNED IN WRITING)

Federal Employer's Identification Number: _____

VAC RAM JET TRAILER

Describe the requirements for a high pressure hydraulic sewer cleaner to use high velocity water jets in storm, sanitary and combined sewers, pipe drains and other conduits to remove obstructions, sand, grease, roots and other material.

Pump:

The pump shall be of ceramic plunger design and capable of continuous operation at maximum designed pressure. It will produce 2000 PSI and a flow of 40 gpm. Crankshaft speed shall not exceed 800 rpm or equal to. Yes ☐ No ☐

The pump shall contain three (3) cylinders and be coated, alloy fluid end manifold that has a safety relief disc system. Yes ☐ No ☐

The pump shall be torque driven and have lubrication on system. No gearbox or couplings are required. Plungers must have ground ceramic. Yes ☐ No ☐

The pump should have an air gap between crank case and plunger to prevent water from entering. Yes ☐ No ☐

Pump shall have the capability to pump salt, brackish, and fresh water including specified chemicals without any damage to it. Yes ☐ No ☐

The pump shall be rated for no less than 160 degrees temperatures during continuous operation. Yes ☐ No ☐

Pump shall have the capable of running dry without water for a minimum of five minutes. It shall have recirculation allowing water to circulate while employee retracts hose for refilling so it doesn't have to be shut down. Yes ☐ No ☐

Valves shall be stainless steel. Yes ☐ No ☐

Water Tank:

It shall contain two (2) polyethylene water tanks with capacity of 750 gallons total with rotationally molded, and cross link. The running time of 18 minutes. Yes ☐ No ☐

The tank shall have UV light inhibitors, black high density, and heavy duty polyethylene. Yes ☐ No ☐

Located on the curbside shall be overhead tank filling assembly with a 2.5" fire hydrant fitting. Adaptor to convert from 2.5" fitting to 3/4" will be supplied. An air gap system incorporated to protect the water supply. Yes___ No___

For gravity draining of water the tank shall have a 1-1/4" spherical valve. Yes___ No___

The tank shall have a vent and have a removable lid to be able to have access and be inspected. Yes___ No___

The inlet plumbing shall contain tank valve, inline filter, dump valve from the bulkhead within three feet. Yes___ No___

Water filter of 80 mesh in the main water pump feed line and be able to remove by hand. Yes___ No___

Controls:

For the necessary for the operation of the unit all switches, levers and gauges and other items shall be located on the curb side of the unit adjacent to the hose reel so the employee has the control of the cleaning operations while working in one location. Yes___ No___

The controls are to have keyed engine ignition switch, charging light, oil pressure light, glow plug and throttle with built in diagnostic system with high temperature and low oil shutdown. Yes___ No___

Pressure gauge for water system. Yes___ No___

Engine hour meter. Yes___ No___

Water selector control valve. Yes___ No___

The level for controlling the speed and direction of the reel when moving forwards and backwards from a central position. Yes___ No___

Emergency stop button. Yes___ No___

Label the complete control panel. Yes___ No___

Single NEMA ignition control panel housing and all components and controls. Yes___ No___

All the electrical wiring must be colored coded for easy troubleshooting. Yes___ No___

Hose Reel:

The hose reel shall withstand maximum working pressure without distortion. Yes___ No___

Hose reel should not be less than 600 ft.

Yes ____ No ____

Sewer hose at 3000 PSI should be provided with measurements of 600'x3/4". With the diameter of it not to exceed 34".

Yes ____ No ____

The reel is to be driven by the hydraulic motor by power in both directions and have no chains or couplings. The power should be able to retract the hose when extended into the sewer with system in operation.

Yes ____ No ____

Hose connections shall be external to allow tightening without removal of the hose.

Yes ____ No ____

Hose guide should have both plated of reel stand to ensure no metal or metal contact.
Deloron included

Yes ____ No ____

Outer protected jacket to prevent cutting.

Yes ____ No ____

Pressure electrical wiring shall be installed inside aluminum tray to prevent wear or damage.

Yes ____ No ____

The reel shall have two (2) return lines for recirculation and anti-freeze.

Yes ____ No ____

Shall have the capability of extending hydraulic from rear unit to a minimum of three (3) feet.

Yes ____ No ____

Hose reel Drive System:

Hydraulic drive motor and selector control.

Yes ____ No ____

Hydraulic oil filter with return type and replaceable cartridge.

Yes ____ No ____

Metal hydraulic oil reservoir tank with capacity of 6.5 gallons.

Yes ____ No ____

Piping:

Have dual filtration system

Yes ____ No ____

Inlet Plumbing from water tank to the bulkhead of pump shall not be longer than three (3) feet.

Yes ____ No ____

Engine:

Shall have a four cylinder (Tier 4 final) liquid cooled (Hatz 4H50TIC diesel) with rail technology, charger and gas recirculation, capable of having an output of 74 HP@ 2800 RPM.

Yes ____ No ____

It shall have a silent pack protective shroud with noise decibels. Yes_____ No_____

Battery charging 12 volt keyed ignition system. Yes_____ No_____

Cable speed control throttle Yes_____ No_____

Centrifugal governor Yes_____ No_____

Oil filter replaceable cartridge Yes_____ No_____

Lubrication oil consumption should be no less than .75% of full load fuel consumption. Yes_____ No_____

Engine shall have a continuous rating of 91.5 hp at 2,600 rpm Yes_____ No_____

High temperature automatic shutdown Yes_____ No_____

The two tanks (diesel and anti-freeze) mounted behind the engine. They shall be 18 gallons or more. Yes_____ No_____

Engine shall be enclosed in steel to protect it from the elements and with noise reduction. It shall have access panels for easy maintenance. Yes_____ No_____

Pulsation System:

The unit shall have an automatic pulsation system to induce a pulse into the hose so that it will break the friction and allow the hose to travel long distances with multiple turns. Yes_____ No_____

Storage (Toolbox):

Two (2) lockable toolboxes with nozzle holders and located on each fender. 42x18x18 Yes_____ No_____

Constructed of 16 gauge aluminum Yes_____ No_____

Safety Equipment:

LED strobe light is to be mounted on the unit. Yes_____ No_____

Safety reflective tape is to be mounted on the sides and rear of the unit. Yes_____ No_____

At the operators station is where the Emergency E stop will be located. Yes_____ No_____

DOT approved LED lighting system and LED side Markers. Yes_____ No_____

Permanently mounted beacon strobe and magnetically mounted manhole flashlight.

Yes _____ No _____

Equipment:

Two (2) drain jet nozzles

Yes _____ No _____

Threaded finned nozzle extension.

Yes _____ No _____

Safety hose leader (10 ft.)

Yes _____ No _____

Tiger tail hose protector (3 in.)

Yes _____ No _____

18 gallon aluminum storage tank for the anti-freeze circulation system allowing the entire water system to be winterized and be a front mount.

Yes _____ No _____

Paint:

All components will be powder coated black.

Yes _____ No _____

Frame primed, powder coated black.

Yes _____ No _____

Hose reel painted black.

Yes _____ No _____

Trailer:

Mount on a Tandem axle trailer with two (2) 6,000 lbs axles. 12,000 lbs

Yes _____ No _____

Trailer tire sizes LT 235/85R 16E

Yes _____ No _____

Trailer shall be furnished with a 2 5/16 ball hitch assembly and a break away switch with a quick disconnect electrical connector.

Yes _____ No _____

Fenders round and coated

Yes _____ No _____

Rear license plate light

Yes _____ No _____

Axles shall have rubber torsion bar with balanced suspension.

Yes _____ No _____

Wheels shall have independent suspension.

Yes _____ No _____

Frame shall be constructed of straight in. thick, 2 x 4 steel channel frame on both sides front to rear with no welds.

Yes _____ No _____

Dot approved LED lighting furnished

Yes _____ No _____

Power jack for the tongue

Yes _____ No _____

Terms and Conditions

The specifications as stated are the minimum requirements and may be exceeded by the bidder. However, no additional consideration will be given for exceeding the minimum requirements and all bids will be evaluated against the specifications set forth in this bid package. Deviations from the minimum requirements, for the purpose of supplying "equal" items, must be approved by the Board of Mayor and Aldermen of the City of Vicksburg, whose decision shall be final.

Reference to manufacturer's part or item numbers are shown only to describe the item and to determine the level of acceptable quality. Other manufacturer's "equal" items may be bid. The acceptance of "equal" item lies with the Board of Mayor and Aldermen of the City of Vicksburg whose decision shall be final. All items shall be delivered FOB the location specified on the purchase request in Vicksburg, Mississippi 39180.

All prices shall be net, FOB destination, with transportation charges prepaid by the vendor.

No bidder is required to bid on all items. However, the successful bidder(s) shall be determined by item compliance to minimum specification requirements.

Billing shall be by one invoice sent to the Purchasing Department, City of Vicksburg, P.O. Box 150, Vicksburg, MS 39181-150 or by email apinvoices@vicksburg.org. The invoices shall list, by delivery: location, quantity and items delivered: unit prices: extended prices: total billing; proof of delivery (signature of person accepting delivery): and date of delivery. The number of the contract issued to award the supply contract shall appear on each invoice. Correctly executed invoices received on or before the last day of the month will be paid by the tenth day of the following month.

The bidder shall provide a manufacturer certification of actual flow at working pressure and horse power requirement for the unit.

Trailer shall be certified by the National Association of Trailer Manufacturer.

The axles on the trailer shall carry a two (2) year warranty.

Vac Ram Jet Trailer 2017-18VRJ

	ITEM		PRICE
1	Vac Ram Jet Trailer		

SEALED BID CHECKLIST

Vac Ram Jet Trailer

The following conditions, checked required and as stated in the bid sheet and/or specifications, must be met prior to accepting your bid submittal for award considerations.

Required	Not Required	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	1. Bid security in the amount of 5% bid included in the bid submitted.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	2. Performance and Payment Bond in the amount of 100 percent of the contract by the successful bidder.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	3. Bid sheet entries filled in and bid sheet signed.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	4. Deviations described in detail.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	5. Manufacturer's literature enclosed in bid submittal. Submit two (2) copies.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	6. Samples provided per specification requirements.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	7. Prices bid are for units specified.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	8. Certificate of Responsibility. See the instruction to bidders for complete requirements.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	9. Manufacturer certification of actual flow at working pressure and horse horse power requirement for the unit.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	10. The trailer certification by the National Association of Trailer manufacturer.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	11. Warranties on trailer.