

THE CITY OF MENTOR
8500 CIVIC CENTER BOULEVARD
MENTOR, OH 44060

SPECIFICATIONS AND BID FORMS FOR:
**PURCHASE OF A NEW/USED COMBINATION VACUUM/JET SEWER
CLEANING VEHICLE**

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CITY OF MENTOR
PURCHASING OFFICE

DATE: Friday, June 1, 2018

12:00 noon

**ALL BIDS SUBMITTED MUST INCLUDE THE REQUIRED BID DEPOSIT
AND A PROPERLY EXECUTED BIDDERS ACCEPTANCE TO
CONTRACT (BAC-1).**

I. LEGAL NOTICE

The CITY OF MENTOR will receive sealed bids at the Purchasing Office, 8500 Civic Center Blvd., Mentor, Ohio 44060, until NOON (local time) on Friday, June 1, 2018 for:

Purchase of a New or Used Combination Vacuum/Jet Sewer Cleaning Vehicle

Bids must be in accordance with specifications advertised on the City of Mentor website: www.cityofmentor.com/category/rfp or RFP's will be available for pick-up at the Purchasing Office for the cost of printing. Bidders are responsible for checking for Addenda and obtaining any from the website.

Kenneth Filipiak, City Manager
([cityofmentor.com/legal notices](http://cityofmentor.com/legal%20notices))

NEWS HERALD:
PUBLISH DATES:

May 18, 2018
May 25, 2018

II.

INSTRUCTIONS TO BIDDERS

The Instructions to Bidders governs, except where amended by the Specifications.

The Bidder is responsible for reading and understanding all items herein:

1. Except as otherwise provided herein, the Instructions to Bidders, Proposal-Contract Form, and all specifications, drawings and other documents referred to herein shall be a part of the contract.

2. **DEFINITIONS:**

- A. The term "Bidder" or "Contractor" shall mean the corporation, partnership or individual proposing or under contract to furnish the material, labor, and/or equipment listed in the Specifications.
- B. The term "City" shall mean the City of Mentor, Ohio.
- C. "Calendar Day" shall mean every day shown on the calendar.
- D. "City Manager" shall mean the Mentor City Manager or his duly authorized representative.

3. **PROPOSAL:** To be entitled to consideration, a proposal must be made in accordance with the following instructions:

- A. **Preparation:** Each proposal shall be submitted on the forms furnished by the City. All signatures shall be clearly and legibly written in long hand. No oral, facsimile or telephonic proposal or modifications will be considered. Each proposal shall show the breakdown for each item as directed on the Proposal-Contract Form. All proposals shall be considered informal which contain items not specified in the Proposal-Contract Form.

Prices for material and equipment shall include transporting and delivery to any place designated on the City's purchase order, within the corporate limits of the City. In the event of a discrepancy between unit proposal prices and extension thereof, the unit proposal price shall govern.

- B. **Names of Bidders:** Each proposal shall give the full business address of the Bidder(s) and be signed by them with their usual signature. Proposals by partnerships shall furnish the full names of all partners and shall be signed with the partnership name by one of the members of the partnership or by an authorized representative, followed by the signature and title of the person signing.

Proposals by corporations must be signed with the legal name of the corporation, followed by the name of the state of incorporation and by the signature and title of the President, Secretary or other person authorized to bind it in the matter.

The name of each person signing shall also be typed or printed below the signature. A proposal by a person who affixes to their signature the word "President," "Secretary," "Agent" or other title without disclosing their principal may be held to be the proposal of the individual signing.

When requested by the City, satisfactory evidence of the authority of the officer or agent signing on behalf of a corporation or partnership shall be furnished.

- C. **Delivery:** The proposal shall be sealed in an envelope, addressed to:

City of Mentor
c/o Purchasing Department
8500 Civic Center Boulevard
Mentor, Ohio 44060

and delivered to the office of the Purchasing Coordinator on the date set forth in the legal advertisement. The sealed envelope shall also bear the name of the Bidder, the general item(s) proposed, and the date the proposals are to be opened. Proposals will be received until the date and time specified in the legal advertisement. Proposals will be opened and read immediately thereafter, in 2nd Floor Conference Room, Mentor Municipal Center. Proposals received after the date and time specified will be returned unopened to the Bidder.

- D. **Proposal to Include All Work:** Each proposal shall include all equipment, material, supplies or services described in the Instructions to Bidders, Specifications, Proposal-Contract Form and all drawings.
- E. **Withdrawal of Proposal:** Permission will not be given to withdraw or modify any proposal after it has been deposited as provided above. Negligence on the part of a Bidder in preparing the proposal confers no right for the withdrawal of the proposal after it has been opened.
- F. **Acceptance or Rejection of Proposal:** The City reserves the right to accept any proposals within sixty (60) calendar days after the same are opened, as provided above. The City reserves the right to accept any proposals which, in its opinion, are deemed to be in the best interest of the City. The City reserves the right to reject any or all proposals.

In determining the award, each item may be considered separately, and separate contracts may be awarded on the various items, unless specified to the contrary in the Specifications.

- G. Proposal Bond or Check: Each proposal must be accompanied by a cashier's or certified check, an irrevocable letter of credit, or by a proposal bond, signed by a surety company authorized to do business in the State of Ohio, in the amount of five (5) percent of the proposal and made payable to the City of Mentor, as a guarantee that the contract will be honored in the event it is awarded to the Bidder, and as a guarantee that the Bidder to whom the contract is awarded will sign all documents necessary to formalize the contract, if any.
- H. Forfeiture of Check or Proposal Bond: If the Bidder to whom the contract is awarded shall fail to honor the contract, or fail to sign the documents necessary to formalize the contract, if any, the deposit accompanying the proposal shall thereupon be forfeited to the City for and as liquidated damages. The work may then be readvertised or awarded to the deemed second best Bidder as the City may determine.
- I. Quantities: The quantities of the work shown on the Specifications and Proposal-Contract Form are estimated by the City and will be used as the basis for comparison of the proposals only. The City reserves the right to decrease or increase any quantities and to eliminate any item(s) on the plans or proposal.
- J. Informal Proposals: Proposals may be rejected for the following reasons:
- 1) If the proposal is on a form other than that furnished by the City or if the form is altered or any part thereof detached.
 - 2) If there are any unauthorized additions, conditional or alternate proposals, or other irregularities of any kind which may tend to make the proposal incomplete, indefinite or ambiguous as to its meaning.
 - 3) If the Bidder adds any provisions reserving the right to accept or reject an award, or to enter into a contract pursuant to an award. This does not exclude a proposal limiting the maximum gross amount of awards acceptable to any one Bidder at any one proposal letting, provided that the City will make any selection of awards.
 - 4) If the proposal does not contain a unit price for each pay item listed, except in the case of authorized alternate pay items or lump sum items.
4. A. Competency of Bidders: No proposal will be considered unless the Bidder submitting the same shall furnish evidence satisfactory to the City Manager that they have the necessary equipment, ability and financial resources to fulfill the conditions of the contract and Specifications. Previous experience and responsibility of the Bidders will be considered in awarding the contract. No contract will be awarded to any Bidder who is in arrears to the City upon debt or contract, or who is in default as surety or otherwise upon any obligation to the City.
- B. Disqualification of Bidders: Any of the following reasons may be considered as being sufficient for the disqualification of a Bidder and the rejection of their proposal or proposals.
- 1) More than one proposal for the same work from an individual, firm or corporation under the same or different names.
 - 2) Evidence of collusion among Bidders. Participants in such collusion will receive no recognition as Bidders for any further work of the City until any such participant shall have been reinstated as a qualified Bidder.
 - 3) Proposal prices that obviously are unbalanced.
5. WRITTEN AND ORAL EXPLANATIONS: Should a Bidder find discrepancies in, or omissions from, the drawings or Specifications, or should they be in doubt as to their meaning, they shall at once notify the City, which may send written instructions to all Bidders. The City will not be responsible for any oral instructions.
6. ADDENDUM OR MODIFICATION: Any addendum or modification issued during the time of bidding shall be covered in the proposal and in awarding a contract, such addendum or modification will become part thereof. In the event any such addendum or modification is issued by the City within 72 hours of the time set for the closing of proposals, excluding Saturdays, Sundays and legal holidays, the time for submitting proposals shall be extended one (1) week, with no further advertising of proposals.
7. TAX EXEMPTIONS: The City is exempt from federal excise and transportation taxes and Ohio State sales tax. Prices quoted should not include either federal excise or Ohio State sales tax. Tax exemption certificates covering these taxes will be furnished upon request.
- The transportation tax is not applicable on any purchase consigned to the City and no tax exemption certificate is required. If for any reason a contemplated purchase would not be tax exempt, this fact will be indicated in the Specifications, and such taxes may be included in the price or shown as a separate item in the proposal.
8. DISCRIMINATION: In hiring of employees for the performance of work under this contract or any subcontract, neither the Contractor, subcontractor, nor any person acting in their behalf shall by reason of race, creed, color, age, sex or handicap discriminate against any citizen of the State in the employment of any laborer or worker who is qualified and available to perform the work to which the employment relates.
- Neither the Contractor, subcontractor, nor any person in their behalf shall in any manner discriminate against or intimidate any employee hired for the performance of work

under this contract on account of race, creed, color, age, sex or handicap.

9. **INSURANCE:** If the Specifications indicate insurance is required, then the Contractor shall obtain and pay for the following types of insurance:

- (a) Commercial General Liability insurance with minimum limits of not less than \$1,000,000 combined single limit. Coverage is to include contractual liability, a per project general aggregate limit, primary and non-contributory other insurance provision, waiver of subrogation in favor of the City and additional insured status for the City including ongoing operations and products and completed operations. If such coverage is written on a Claims Made or Claims Made and Reported basis, (i) such coverage will have a retroactive date that is equal to or that precedes the date of the contract and be maintained for a minimum period of not less than three (3) years after the termination or expiration of the contract, (ii) may be replaced with other Claims Made or Claims Made and Reported coverage with a retroactive date that is equal to or that precedes the date of the contract and maintained for a minimum period of not less than three (3) years after the termination or expiration of the contract or (iii) may be cancelled after the termination of or expiration of the contract only if it is replaced by an extended reporting period with a duration of not less than three (3) years.
- (b) Automobile Liability insurance providing coverage for all owned, non-owned and hired automobiles with minimum limits not less than \$1,000,000 combined single limit. Coverage shall include additional insured status for the City and a waiver of subrogation for the City.
- (c) Worker's Compensation which meets all statutory minimum requirements

All policies must be written with insurance companies acceptable to the City. All policies are to provide the City with thirty (30) days advanced written notice of cancellation or non-renewal with the exception of cancellation for non-payment of premium which shall be ten (10) days. Contractor shall supply certificates of insurance evidencing the required coverage and shall furnish renewal certificates thirty (30) days prior to the renewal date. Failure of the City to request certificates does not relieve the Contractor from the obligation to maintain the required insurance.

10. **LIABILITY:** The Bidder shall defend, indemnify, and save harmless the City and its officers and agents from all claims, demands, payments, suits, actions, recoveries and judgments of every description, whether or not well founded by law, brought or recovered against it, by reason of any act or omission of said Bidder(s), their agents, subcontractors or employees, in the execution of the contract, or for the use of any patented inventions by said Bidder. A sum sufficient to cover aforesaid claims, including attorneys' fees, may be retained by the City from monies due or to become due to the

Bidder under contract, until such claims shall have been discharged.

11. **ROYALTIES AND/OR LICENSE FEES:** The Bidder shall pay all royalties and license fees. The Bidder herein agrees to assume and save the City, its officers and agents harmless from liability of any kind or nature whatsoever, arising out of the use by the City, its officers and agents of any item, appliance, apparatus or mechanism, material or service which may be furnished or installed by the Bidder under the terms of this contract, including patent or copyright infringement, and to defend the City from any and all such liabilities whether or not such claims are well founded by law.
12. **ASSIGNMENT OF CONTRACT:** The Bidder who is awarded a contract shall not assign, transfer, convey, sublet or otherwise dispose of said contract, or right, title or interest in or to the same, or any part thereof, without previous consent in writing from the City Manager, endorsed on or attached to the contract.
13. **CANCELLATION:** Should the material(s) supplied or delivered to the City under this contract fail at any time to meet the Specifications required by the contract, then in such event, the City may cancel this contract upon written notice to the Bidder.
14. **CONTROL OF WORK:** The City Manager, or his designated agent, will decide all questions which may arise as to the quality and acceptability of materials furnished and work performed and as to the rate of progress of the work; all questions which may arise as to the interpretation of the plans and Specifications; all questions as to the acceptable fulfillment of the contract on the part of the Contractor, and as to compensation.
15. **CLAIMS FOR ADJUSTMENT AND DISPUTES:** If, in any case, the Contractor deems that additional compensation is due for work or material not clearly covered in the contract or not ordered by the City Manager as extra work, as defined herein, the Contractor shall notify the City Manager in writing of their intention to make claim for such additional compensation before they begin the work on which the claim is based. If such notification is not given and the City Manager is not afforded proper facilities by the Contractor for keeping strict account of actual costs as required, then the Contractor hereby agrees to waive any claim for such additional compensation. Such notice by the Contractor, and the fact that the City Manager has kept account of the cost aforesaid, shall not in any way be construed as proving or substantiating the validity of the claim. If the claim, after consideration by the City Manager, is found to be just, it will be paid as extra work in the amount as approved by the City Manager.
16. **DURATION OF CONTRACT:** The duration of the contract shall be for the period stated in the Specifications, and shall include all material, equipment and/or services ordered or delivered during the period. All prices quoted shall be for a definite fixed period unless otherwise noted in the Specifications.

17. PURCHASES: After a contract has been signed, it shall only become operative upon delivery to the Bidder a duly signed purchase order. The City shall only be obligated under the contract to the extent of such purchase order. The City shall not become liable for any claims in the event that the total quantity of material ordered or services performed under the contract should prove to be greater or less than the estimated amount in the Specifications.

18. DELIVERY: The Bidder agrees to make deliveries of supplies and materials within a reasonable period from the time purchase orders are received, which reasonable time is estimated to be thirty (30) days.

If deliveries are not made within such period, then the City may purchase such items in the open market; and if the prices paid by the City shall be greater than the contract price, the Bidder agrees to reimburse the City for any loss or losses that the City may thereby sustain.

Delivery time for vehicles and equipment may be extended beyond thirty (30) days, provided the Bidder has noted the delivery time in the appropriate space on the Proposal-Contract Form.

19. PAYMENT OF INVOICES: Invoices will be due and payable within thirty (30) days of receipt of the invoice by the City. All invoices should be mailed to the attention of the Accounts Payable Department. Payments may be made on a basis of estimated partial completion of work or delivery, and the City may withhold a percentage of each partial payment until completion of the contract. The City may withhold a percentage of the final estimate for a specified period as a guarantee. Such a procedure for partial payments must be provided for in the Specifications.

20. CONTRACT BOND: The successful Bidder will be required to furnish the approved bond for the faithful performance of the contract in the amount of one hundred percent (100%) of the contract price. Such bond shall be that of an approved surety company or personal bond upon which the sureties are persons not interested in the contract, or, if interested, collateral security shall be furnished, all of which is to be to the satisfaction of the Law Director, including sureties.

In lieu of a performance bond the City may elect to hold the Proposal Deposit Check, submitted with the proposal, until the contract has been fulfilled. **Any deviation from the required one hundred percent (100%) figure will be noted in the Specifications.**

21. GENERAL: Contractors shall furnish all labor, equipment, materials, services and supplies necessary to complete the proposed work. All work shall be performed according to all standards of good workmanship complete in every detail. Contractors shall coordinate their work with the work of others and, upon completion, remove tools, equipment, waste and debris and leave the site in "broom-clean" condition. Contractors shall warrant all equipment, materials, services and supplies with the normal and usual warranties,

including, where applicable, warranties of merchantability and fitness for a particular purpose.

22. WAIVERABILITY: The City of Mentor reserves the right to accept any part of any proposal and reject all or parts of any and all proposals, and waive any informalities in the bidding procedure.

23. PREVAILING WAGE: Contractors must comply with ORC Chapter 4115 when applicable. It is the Contractor's responsibility to contact the City's Prevailing Wage Coordinator to determine requirements.

24. TAXES: Contractor shall pay and/or withhold all sales, consumer, use, employment and other taxes (including the City of Mentor 2% income tax) paid or withheld by Contractor in accordance with the Laws and Regulations of the United States, State of Ohio and City of Mentor which are applicable during the performance of the work.

QUESTIONS: Call the Finance Department at (440) 974-5776.

III. FORM OF NONCOLLUSION AFFIDAVIT

STATE OF _____)
) SS
COUNTY OF _____)

_____, being first duly sworn, deposes and says
(Individual Name)

That he/she is _____ of _____
(Sole Owner, Partner, President, Secretary, etc.) (Corporation Name)

the party making the proposal or bid; that such bid is genuine and not collusive or sham; that said Bidder has not colluded, conspired, connived, or agreed, directly or indirectly with any Bidder or person, to put in a sham bid, or that such other person shall refrain from bidding, and has not in any manner, directly or indirectly sought by agreement or collusion or communication or conference, with any person, to fix the bid price of affiant or any other Bidder, or to fix any overhead, profit, or cost element of said Bid price, or of that of any other Bidder, or to secure any advantage against the Owner, or any person interested in the proposed Contract; and that all statements contained in said proposal or bid are true; and further, that such Bidder has not, directly or indirectly submitted this Bid, or the contents thereof, or divulged information or data relative thereto to any association or to any member or agent thereof.

Affiant

Subscribed and sworn to before me this ____ day of _____, 2018.

Notary Public

My Commission Expires: _____

IV. BUSINESS ENTITY RESOLUTION

_____, of _____
(Name of Officer) (Name of Business Entity)

an _____ Business Entity hereby certifies that the following is a true
(State where incorporated/organized if applicable)

and correct copy of a resolution duly adopted by the Board of Directors of _____,
(Business Entity Name)

on _____, _____, to wit:
(Month, Day) (Year)

“Resolved, that _____* of this Business Entity, namely
(Name of Officer)

_____, be and he/she hereby is authorized and directed to enter into any and all
(Title of Officer)

contracts, bid guaranty and performance bonds with **THE CITY OF MENTOR, OHIO**, for the purpose of

furnishing labor and/or materials as to _____
(Title of Bid)

at such price and upon such terms and conditions, including any amendments or modifications thereto, as

said _____ in his/her sole discretion shall deem best,
(Title of Officer)

and that said actions shall be binding upon the Business Entity.

“Resolved, further, that said _____* be, and he/she further is
(Name of Officer)

hereby authorized and directed to execute and deliver unto said **CITY OF MENTOR, OHIO** other
instruments which in his/her discretion he/she shall deem necessary to carry out the forgoing resolution.”

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of said Business
Entity (if applicable) at _____ this _____ day of _____,
and I further certify that said resolution is still in force and effect.

SECRETARY

SEAL

BER-1

*Name must agree with signature on page Bidders Acceptance to Contract

V. BID SUBJECT TO ACCEPTANCE AS CONTRACT

Page intentionally left blank, contact Veronica Fetsko at fetsko@cityofmentor.com or 440-974-5776 for the omitted form.

B. NOTICE OF AWARD

Whereas, _____ responded to an invitation to bid as to purchase of a new/used combination Vacuum/Jet Sewer Cleaning Vehicle and whereas said bid by _____ was approved by the City Council as the lowest and best bid, now, therefore, the City of Mentor awards the contract subject to final acceptance below to _____ to be performed pursuant to the terms and conditions specified in the following documents (component parts):

1. Instructions to Bidders
2. Bond or Certified Check
3. Specifications: General Requirements/Contractor's Responsibilities
4. Proposal/Contract Form
5. Other

Veronica Fetsko, **Purchasing**

Date

C. VENDOR AGREEMENT

_____ hereby agrees to perform the services as bid and agrees to abide by all terms and conditions as identified. In the event of contradiction or ambiguity between the paragraphs contained in the *Instructions to Bidders* versus the other more specific paragraphs under *Specifications: General Requirements/Contractor's Responsibilities, Proposal/Contract Form, Other*, the paragraphs in the *Specifications: General Requirements/Contractor's Responsibilities, Proposal/Contract Form and Other*, shall control. And whereas, the City of Mentor intends to be bound by the contract, it will pay to _____ the sums so stated in the *Proposal/Contract Form* upon satisfactory delivery of the goods and/or performance of the service.

_____ has reviewed the above component parts of the contract documents and finds no ambiguity in the terms and conditions thereof.

Company Officer

Date

D. ACCEPTANCE BY THE CITY OF MENTOR

THE FOREGOING CONTRACT IS HEREBY ACCEPTED AS TO ALL OF THE COMPONENT PARTS AND, IN SPECIFIC, TO ITEM(S) #

Item(s) #

Pursuant to Ordinance _____ Passed on _____.

By the Council of the City of Mentor, for the period through _____.

FUNDS AVAILABLE:

David W. Malinowski, ***Finance Director***

Date

Kenneth J. Filipiak, ***City Manager***

Date

APPROVED AS TO FORM:

Richard A. Hennig, ***Law Director***

Date

E. ESCROW WAIVER

In accordance with a certain Contract between the City of Mentor, (hereinafter referred to as "the Owner") and _____, (hereinafter referred to as "the Contractor"), it is mutually agreed by and between the parties hereto that because of the short term duration of the within contract, no escrow account will be established pursuant to Sections 153.13, 153.14 and 153.63 of the Ohio Revised Code nor shall any interest be paid on any retainage.

CITY OF MENTOR

Kenneth J. Filipiak, City Manager

COMPANY

F. DELINQUENT PERSONAL PROPERTY STATEMENT

_____ having been awarded a contract by the City of Mentor, hereby affirms under oath, pursuant to Ohio Revised Code Section 5719.042, that at the time the bid was submitted, my company **was / was not** charged with delinquent personal property taxes on the General Tax List of Personal Property for Lake County, Ohio.

If such charge for delinquent personal property tax exists on the General Tax List of Personal Property for Lake County, Ohio, the amount of such due and unpaid delinquent taxes, including due and unpaid penalties and interest, shall be set forth below.

A copy of this statement shall be incorporated into the Contract made between the City of Mentor and _____ and no payment shall be made with respect to any Contract unless such statement has been so incorporated as a part hereof.

Delinquent Personal Property Tax \$ _____

Penalties \$ _____

Interest \$ _____

Signed: _____
_____, Title

Subscribed in my presence, and sworn to before me, this _____ day of _____, 2018.

Signed: _____
(Notary Public)

VI. THE PURCHASE OF ONE (1) COMBINATION VACUUM/JET SEWER CLEANING VEHICLE

A. GENERAL REQUIREMENTS

1. Intent: The intent of these specifications is to describe one (1) combination vacuum/jet sewer cleaning vehicle for use by the City of Mentor Public Works Department.
2. Brand or Trade Name: Brand names, where mentioned in these specifications, are not intended to be restrictive, but rather to indicate the level of quality required by the City. In any instance where a brand name is mentioned, it is assumed that the phrase "or equal" shall follow.
3. Warranty: Please list on Proposal-Contract form period of warranty. Bidder shall submit written conditions with the bid proposal.
4. Repairs: Bidder must have complete repair facilities and parts inventory in Ohio.
5. O.S.H.A.: Bidder shall comply with the provisions of the Occupational Safety and Health Act and Standards and Regulations issued there under and certify that all items conform to and comply with said standards and regulations.
6. Proposal (Bid) Bond: In accordance with Section 3G of the Instructions to Bidders, is hereby amended. A certified check or bond in the amount of five hundred dollars (\$500) must accompany the proposal.
7. Contract (Performance) Bond: Section 20 of the Instructions to Bidders is hereby amended. The successful bidder will be required to furnish a performance bond or certified check in the amount of five hundred dollars (\$500). The City may elect to hold the bid deposit check as the contract bond.
8. Contact: Any questions regarding the specifications please direct to Ray Naro, Equipment Maintenance Supervisor, naro@cityofmentor.com or 440-974-5782.
9. The City reserves the right to accept or reject any or all bids or award or reject any combination of bid items.
10. Manuals: One (1) complete set of Original Equipment Manufacturer (OEM) parts and repair manuals on body mounted jet/vac system shall be provided with the vehicle at time of delivery.

B. MINIMUM REQUIREMENTS

These specifications detail minimum requirements acceptable to the City of Mentor. Should the manufacturer's current specifications exceed these, they shall

B. MINIMUM REQUIREMENTS (continued)

be considered minimum and shall be furnished, and equipment and components included in the bid shall be stipulated. **Any additions, deletions or variations from the minimum must be stated with the specifications. Bidder shall stipulate components supplied in providing a complete unit.**

Any and all parts not specifically mentioned in these specifications but which are required for proper and safe operation shall be furnished by the bidder and shall conform in strength, quality of material and workmanship to that provided by the industry in general. All items not specifically mentioned but which are standard factory items shall be furnished.

C. SPECIFICATIONS

1. General: Truck unit cab and chassis should consist of automatic transmission, 20,000 miles or less (preferred) and Engine hours of 2,500 or less (preferred).
2. This unit is designed for and capable of simultaneous high pressure jetting and vacuuming for the removal of sand, grit, grease, sludge, stones and other materials from sanitary sewers, storm sewers, catch basins, pumping stations, and other facilities. The unit will have a self-contained water supply for use with a high pressure cleaner for breaking of blockages and removal of material contained therein.
3. The unit will include an air conveying system capable of simultaneous removal of debris flushed to the manhole by the sewer cleaner system, or debris removal from catch basins, sumps, digesters, wet wells, etc. using the single chassis engine as the power source. The vacuum system will include a sealed body for storage and removal of the collected debris.
4. The unit will be designed for ease of maintenance and be fully operational by one man and all controls will be located at an operator's station in front of the truck for convenience and safety. The combination machine will comply with all federal, state and local laws binding upon this type of equipment.
5. Delivery: Please indicate on Proposal-Contract form delivery date. The successful bidder will be required to deliver the equipment within the number of days stated.
6. Bidder will need to provide written documentation that any deviations from the specifications or alternate offered is comparable to our requirements.
7. Bidders must note their compliance to the specifications in the space provided using the words "YES" or "NO". Deviations or changes must be noted and explained in detail on a separate sheet at the end of each section. The use of words as "exceeds, equal to or not required" will not be acceptable in lieu of a detailed explanation.

DEBRIS BODY

COMPLIANCE/REMARKS

Capacity: **10** cubic yards.

Debris Body door: Shall use one dual acting hydraulic cylinder to unlock, open, support, close and lock debris door. Cylinder shall be equipped with pilot operated check valves to maintain locked position of door at any time operator stops hydraulic activation.

Tailgate locking wedges shall have a reverse bevel to maintain a mechanical lock if hydraulic pressure should be lost for any reason.

Dumping and door controls will be located forward of the debris body on driver's side for safety, to eliminate the need for operators to cross in front of or behind vehicle at dump sight. Passenger side dump controls that restrict direct and easy access to driver's side cab entrance are unacceptable.

Float type automatic vacuum shutdown system with a **stainless** steel ball, housed in a **carbon** steel cage Shall be supplied. Systems requiring dual floats or switches to accomplish this are unacceptable.

Tailgate will hydraulically open to full width and height.

Carbon steel decant screen, hinged for easy cleaning shall be supplied.

Debris tank shall be equipped with 3" sludge system capable of pumping 500 GPM @ 20' head while vacuuming if needed or independently. 3" ball valve and male cam lock on outlet.

4' knife valve installed inlet of sludge pump shall be supplied.

Carbon steel sludge pump screen, hinged for easy cleaning shall be supplied.

Safety body prop to secure body during repairs shall be supplied.

External rear door safety prop to hold the door open for cleaning of debris body or inspection shall be provided.

Debris body shall be equipped with a CONTINUOUS full flow internal tank flusher system consisting of stainless steel nozzles integral to the front bottom of the debris body. Nozzles shall be sized to achieve 80gpm @ 2000 psi for operator free cleaning of debris body interior.

The debris body and water tanks shall be affixed on an independent frame, separate from the chassis and power frame, and have a three (3) point mounting system to allow for flexing.

DEBRIS BODY - continued

COMPLIANCE/REMARKS

HOIST

The debris body hoist cylinder shall be a single post type with NTEA performance range, double-acting cylinder's pins, must be removable with retaining bolts. The hoist cylinder shall have safety check valves to prevent collapse from hydraulic failure.

WATER TANKS

Capacity: 1,000 U. S. Gallons.

Constructed of ¼" shell and baffles, ½" end plates aluminum or stainless steel only.

*** Drawing verifying certified capacity of supplied water tanks.**

Each tank will be equipped with 2' ball valve low point drains, internal baffles, and crossover tube between tanks for quick and level filling.

Water-tanks shall not share common wall with debris tank and must be easily removed in the event of replacement or repair.

Tanks will be located above chassis frame rails to provide a flooded Inlet to the water pump and protection from road damage and off-road uses. And for ease of service to drive line components.

**** Water- tanks that rise with the debris body while dumping, or limit access to chassis undercarriage are unacceptable.***

Anti-siphon device, and fill hose storage rack shall be supplied.

HIGH PRESSURE WATER SYSTEM

Water pump shall produce up to 80 GPM of flow, and can be safely operated up to 2500PSI working pressure.

HYDROSTATIC DRIVE

Water pump speed shall be fully adjustable without changing the engine RPM and shall provide a variable flow system without change of the nozzle. Controls for starting and stopping the water pump and varying flow and pressure shall be at the operator work station.

Water pump shall run independently from vacuum pump.

System shall be equipped with a full flow adjustable pressure regulator.

HYDROSTATIC DRIVE - continued**COMPLIANCE/REMARKS**

Water pump and vacuum system shall be able to simultaneously
Operate in continuous duty at maximum water pressure and flow
While achieving maximum vacuum.

Pressure and flow controls shall be located at the operator's station.

Pump shall be located in a position so it has a positive feed from
water tanks. Pump shall also be located to allow ease of access for
all maintenance without removing from module for service.

VACUUM SYSTEM

Single or Dual Stage System

The blower shall be driven from auxiliary engine system with
400 hours or less (preferred).

Non-skid steps with handgrips allowing safe passage from ground
level to a work platform at top of unit shall be supplied.

BOOM

Boom shall be designed for front-end operation with hose
mounted and stored at front bumper.

Hydraulically powered up/down, left/right, and in/out
shall be accomplished with a single joy stick.

Pick-up Hose: 8" ID, front end operation and stored at front of
the unit.

Will be equipped with a telescoping boom telescoping section.

Boom shall swing 90 degrees from center of the truck via a
hydraulic driven worm gear providing 180 Degrees of total rotation.

Boom shall remain stationary when raising or lowering debris body.

All connections between debris body and vacuum system
shall be self-aligning.

ELECTRICAL SYSTEM

The entire electrical system shall be sealed to NEMA 4 standards

All wiring shall be contained in a flexible conduit.

The control panel shall be of modular and weather resistant
design.

REEL AND OPERATOR STATION

COMPLIANCE/REMARKS

The front mounted reel shall have the ability to articulate 230 Degrees across the front of the unit, with a capacity of 600 feet of 1" hose. The operator will easily be able to rotate and lock the reel at any angle desired within the rotation.

The hose reel will be hydraulically powered in both directions by a hydraulic motor.

Hose reel control valve shall have a speed control device to regulate the rotational speed of the reel in both directions.

Hose reel will rotate on a turntable slewing bearing with a friction Brake that can be applied in any rotated position.

Hose reel must be mounted in the center of the chassis frame rails and not rotate out of centerline of frame rails into traffic for safety.

Manual Level wind on hose reel. Dual Roller.

Footage counter on reel flange shall be provided.

CONTROLS and GAUGES

Tachometer with hour meter.

Oil Dampened Water Pressure Gauge with quick disconnects.

Water pump engage/hydraulic flow control.

Reel tilt.

On/Off Water Pressure Valve.

Single Boom Control to control all boom functions.

Remote Pendant Push Button Control.

Electric back alarm.

Vacuum relief.

Low water warning light and alarm

High debris level indicator hooked to light and vacuum relief.

HYDRAULIC SYSTEM

Will produce 12 GPM at 2000 PSI, 1800 RPM

HYDRAULIC SYSEM – continued

COMPLIANCE/REMARKS

Pump shall have test ports for troubleshooting

The hydraulic reservoir shall be a modular component with a level sight eye and temperature gauge. Ten (10) microns filters shall be installed at both the suction and return lines and shutoff valves installed on suction lines.

ACCESSORIES

Two (2) ALUMINUM toolboxes with a minimum of 18"x18"x36" shall be Installed in locations not requiring steps to gain access.

Additional two (2) tube rack shall be mounted on rear door.

Two (2) 8' x 7' aluminum tubes.

38 feet of 8'aluminum tubing. With crown nozzle.

600 feet of 1" x 2500-PSI sewer hose will be installed on the reel.

15 and 30-degree sewer nozzles.

Manhole bottom hose guide Tiger-tail

25' x 2-1/2" fill hose.

One (1) set of Operation, Parts & Maintenance Manual.

Front Rear warning lighting system.

MOUNTING

The unit will be Factory mounted on chassis and will not exceed a height of eleven (11) feet ten (10) inches.

No part of the unit will extend beyond specified height while traveling.

VII. PROPOSAL-CONTRACT FORM

The undersigned hereby proposes to furnish the City of Mentor, Ohio, the following items, in accordance with the specifications and upon the terms and conditions of this proposal or any part hereof is accepted as a contract by the City of Mentor.

<u>ITEM #</u>	<u>DESCRIPTION</u>	<u>UNIT PRICE</u>
1.	Vacuum/Jet Sewer Cleaning Vehicle	\$_____

Year/Make/Model: _____

Delivery (Days After Receipt of Purchase Order): _____

Terms of Sale: _____

Warranty: _____

EXCEPTIONS:

CONDITIONS: The Instructions to Bidders and the Specifications are a part of this contract as effectively as though they preceded the signatures of the parties. This contract is not valid until accepted and signed by the City of Mentor.

VIII. STATEMENT OF BIDDER QUALIFICATIONS

- 1) Years in business providing the goods or service requested in this bid _____
 - 2) Please list on a separate sheet(s), contracts with municipalities previously held, and now held. Please list by community name, contact person, address, phone number and scope of project (starting with the most recent).
 - 3) Is your company in satisfactory financial condition? Yes _____ No _____
 - 4) How many miles is your facility from the Mentor Municipal Center? _____
 - 5) Please list on a separate sheet(s) the equipment to be used in fulfilling this contract.
 - 6) Identify the project manager who will be assigned to this project and applicable years of experience managing comparable jobs.
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For the following questions, on a separate sheet, please describe in full the circumstances for any Yes answer.

- 7) Has your company had any business interruptions as a result of financial conditions in the past two (2) years? Yes _____ No _____
- 8) Has your company been rejected for a public contract despite being a low bidder for any reason? Yes _____ No _____
- 9) Has your company had any claims against or a performance bond cancelled? Yes _____ No _____
- 10) Has your company paid penalties or liquidated damages imposed as a result of delay on a public project? Yes _____ No _____
- 11) Has your company been found to have committed an unfair labor practice or any other employment/labor law violation in such areas as discrimination, prevailing wage, Workers' Compensation or OSHA? Yes _____ No _____

Has your company in the last three (3) years had a municipal contract cancelled or terminated? Yes _____ No _____

VIII. STATEMENT OF BIDDER QUALIFICATIONS (continued)

BIDDER NAME (print/type): _____

BIDDER ADDRESS: _____

BIDDER CONTACT: _____

BIDDER PHONE NUMBER: _____

BIDDER FAX NUMBER: _____

BIDDER E-MAIL: _____

Federal Tax Identification Number _____

State Tax Identification Number _____