



Request for Proposals (RFP)

2016 Purchase One (1) Trailer Mounted Vacuum System Excavator

Notice Inviting Sealed Proposals (Bids), Bid Form, Contract Forms, and Specifications

**CITY OF DELANO
1015 ELEVENTH AVENUE
DELANO, CALIFORNIA 93215**

Advertised: February 14, 2016

Mandatory Pre Bid Job Walk: None

Bid Due/Opening: 2:00 p.m., February 26, 2016

FEBRUARY 2016

Table of Contents

	Page
Section 1. Notice Inviting Bids -----	2
Section 2. Instructions to Bidders -----	3
Section 3. Special Instructions and Terms -----	7
Section 4. Minimum Equipment Specifications -----	8
Section 5. Bid Forms Including Filled-out Exhibits "A" through "C" -----	9
Exhibits -----	11
1. Proposer's Questionnaire, EXHIBIT A (Submit with bid)	
2. Non-Collusion Affidavit, EXHIBIT B (Submit with bid)	
3. Minimum Equipment Specifications/Pricing Form, EXHIBIT C (Submit with bid)	

SECTION 1
Notice Inviting Bids

A. Notice Inviting Sealed Proposals

Notice is hereby given that the City Council of the City of Delano ["City"] invites and will receive sealed proposals, for the purchase of one (1) Trailer Mounted Vacuum Excavator System ["Vacuum Excavator"].

Proposals shall conform to and be responsive to the Contract Documents for the equipment.

Copies of the Contract Documents are on file and may be examined in the office of the City Engineer located at the address below.

General Description. This RFP constitutes an invitation to bid for the acquisition of one (1) Vacuum Excavator meeting the minimum specifications listed in Section 4, by means of purchase arrangement. Bidders are cautioned that the Engineering Department is the sole point of contact for the City during this process. Any oral statement by any representative of the City modifying or changing any conditions of this RFP is an expression of opinion only and confers no right upon the bidder.

If additional information is needed to interpret this RFP, written questions will be accepted not later than three (3) working days prior to bid opening by:

Joe Rojas

City of Delano - Engineering Department
P.O. Box 3010 1015 11th Avenue
Delano, CA 93216

PHONE: (661) 720-2281

FAX: (661) 721-2135

EMAIL: jrojas@cityofdelano.org

B. Bid opening is scheduled in the City Hall Council Chambers, 1015 11th Avenue, Delano, CA 93215, 2:00 PM (PST) on February 26, 2016.

MARK ENVELOPE: "VACUUM EXCAVATOR"

**RETURN BID TO: CITY OF DELANO
ATTN: CITY CLERK
PO BOX 3010
1015 11th AVENUE
DELANO, CA 93216-3010**

The City appreciates your time and effort in preparing a bid. Please note that all bids must be received at the designated location by the deadline shown. Bids received after the deadline will not be considered for award, and shall be considered void.

C. Mandatory Pre-Bid Conference. None.

D. Proposal Requirements. Each proposal shall be sealed and delivered to the City at the location designated in this notice at or before the time in this notice provided.

- E. Award. It is intended that the award contemplated in this RFP will be made at the regular City Council meeting on Monday, March 21, 2016. If you have questions about whether the bid has been awarded, please contact Joe Rojas at the address above or by phone at (661) 720-2281.

SECTION 2

Instructions to Bidders

A. General

1. The bid price shall be the maximum price to be paid by the City. All prices quoted shall include taxes. Bidders are reminded that the City is exempt from all Federal Excise Taxes. All invoices and correspondence shall show the number of the purchase order issued to the bidder awarded the contract.
2. All materials and auxiliary equipment shall meet the minimum requirements of the specifications (EXHIBIT C). Materials shall be from new stock, delivered in good condition. No damaged items will be accepted. The City reserves the right to determine whether the materials or equipment specified by any bidder is or is not approved equal to items herein specified.
3. No bids shall be accepted unless submitted on forms furnished by the City in this RFP.
4. The envelope used to return the bid to the City must be plainly marked with the item bid upon and the date and time of bid opening.
5. The City reserves the right to determine the best bid considering price, quality, warranty and delivery within specified time limit. Time of delivery and warranty will be an important consideration.
6. The City reserves the right to reject any or all bids and to waive any informality in any bid.
7. Each proposal shall be submitted on a form furnished (EXHIBIT C) as part of the Contract Documents.
8. The successful bidder shall furnish the City with all technical information on item listed in the specifications of this bid.
9. Equipment delivery shall be F.O.B. City of Delano Corporation Yard, 725 South Lexington Street, Delano, California.
10. The vehicle and/or equipment must comply with the current State and Federal regulations. All equipment must be legal to use on Federal and State Highways, must conform in all respects to the State of California Industrial Safety Orders and the Motor Vehicle Code and The California Highway Patrol regulations.
11. The vendor shall guarantee that the vehicle meets the minimum requirements set forth herein. If it is found that the vehicle delivered does not meet the minimum requirements of this specification, the vendor will be required to correct the same at vendor expense.
12. All equipment cataloged as standard, or as required by State and Federal regulations, shall be furnished with vehicle whether or not it is listed in this specification at no additional cost.

13. The specification intended for use in the purchase of a completed vehicle unit and all equipment and accessories necessary for the safe operation of the vehicle shall be provided. All parts, equipment and accessories shall be completely installed, assembled and/or adjusted as required, and shall conform in strength, quality of materials and workmanship to recognized industry standards. Should the specifications conflict with any State or Federal regulations, bids shall reflect the more stringent regulation.
 14. The manufacturer's regular warranty shall be furnished on each vehicle called for in the bid.
 15. Bids must be valid no less than forty five (45) days after the date of bid opening.
 16. The specifications are intended to describe the type, size and quality of equipment, which will best meet the requirements of the City. It is not intended to favor any one brand or make. The mention herein of any particular name of equipment or material merely serves to specify the quality of general type that is required.
 17. The term "heavy duty" as used in the specifications shall mean that the item to which the term is applied shall meet the quality, or capacity supplied with standard production vehicles; and it shall be able to withstand unusual strain, exposure, temperature, wear and use.
- B. Bid Submission. Bids must be submitted on the forms included for that purpose in this packet (Section 5). Bids shall be placed in a sealed envelope and appropriately signed by a person having the authority to bind the firm in a contract. The bid title shall be marked clearly on the outside. **Elaborate binding or binders are discouraged. FACSIMILE TRANSMITTALS WILL NOT BE ACCEPTED.**
- C. Late Bids. All bids must be received in the City before the bid opening date and time. Bids received in the City after the submission deadline will be considered void and unacceptable. The City is not responsible for late or non-delivery of mail, carrier, etc., and the date/time stamp in the City Clerk's Office will be the official time of receipt.
- D. Altering Bids. A bid that has been opened may not be changed for the purpose of correcting an error in the bid price (including, without limitation, any error in the proposed interest rate or in any proposed fees, charges, and/or expenses). Any alteration, or erasure in the bid must be initialed by the signer of the bid.
- E. Withdrawal of Bids. All responses to this RFP must state that the bid is valid for a period of time not less than forty five (45) days following the date designated for the receipt of bids. The lapse in a bid's validity due to the expiration of the time period stated in the bid may result in the award of a contract to another bidder whose bid is still valid at the time of the award.
- F. Bid Compliance and Responsiveness. The City will review all bids for responsiveness and compliance with this RFP. Failure to comply with any requirement of this RFP may result in rejection of your bid.

- G. Best Value. The City will award the contract sought by this RFP either to the lowest responsible bidder or to the bidder who provides goods or services at the best value for the City. In determining the best value, the City may consider:
1. The purchase price;
 2. The reputation of the bidder and the bidder's goods or services;
 3. The quality of the bidder's goods or services;
 4. The extent to which the goods or services meet the City's needs;
 5. The bidder's past relationship with the City;
 6. The impact on the ability of the City to comply with laws and rules relating to contracting with historically underutilized businesses and nonprofit organizations employing persons with disabilities;
 7. The total long-term cost to the City to acquire the bidder's goods or services; and
 8. Any relevant criteria specifically listed in this RFP.
- H. Addenda. No oral statement of any person shall modify or otherwise change, or affect the terms, conditions or specifications states in this RFP. Any interpretations, corrections or changes to this RFP will be made by addenda. Sole issuing authority of addenda shall be vested in City of Delano Engineering Department. Addenda will be posted on the City website: <http://www.cityofdelano.org/bids.aspx>. Bidders shall acknowledge receipt of all addenda. It is the bidder's responsibility to review the website for any addenda.
- I. Ethics. The bidder shall not offer or accept gifts or anything of value nor enter into any business arrangement with any employee, official or agent of the City.
- J. Exceptions/Substitutions. Bidders taking exception to any provisions of this RFP or offering substitutions shall state these exceptions in the section provided or by attachment as part of the bid. The absence of such a list shall indicate that the bidder has not taken exceptions and shall hold the bidder responsible to perform in strict accordance with the provisions of this RFP. The City reserves the right to accept any and all or none of the exception(s)/substitution(s) deemed to be in the best interest of the City.
- K. Compliance with Law. Bids and bidders must comply with all federal, state, city and local laws concerning the services and agreements specified.
- L. Minimum Standards for Responsible Bidders. A prospective bidder must affirmatively demonstrate responsibility and must meet the following requirements:
1. Have adequate financial resources, or the ability to obtain resources required;
 2. Be able to comply with the required or proposed delivery schedule;
 3. Have a satisfactory record of performance;
 4. Have a satisfactory record of integrity and ethics;
 5. Be otherwise qualified and eligible to receive an award.

The City may request clarification or other information sufficient to determine bidder's ability to meet these minimum standards listed above. Failure to respond to such requests shall be cause for removal from consideration.

- M. Documentation Required. The bidder must provide with the bidder's response (Bid Form) to this RFP all documentation and required submissions required by this RFP. Failure to provide information specifically requested may result in rejection of your bid.
- N. Notice. Any notice required by this RFP or by law to be given to the successful bidder by the City shall be conclusively deemed to have been given and received on the next day after such written notice has been deposited in the mail in Delano, CA, by Registered or Certified Mail with sufficient postage affixed thereto, addressed to the successful bidder at the address provided by the bidder in response to this RFP; provided this shall not prevent the giving of actual notice in any other manner.
- O. Equal Employment Opportunity. Attention to the bidder is particularly called to the requirement for ensuring that employees, and applicants for employment, are not discriminated against because of their race, color, national origin, ancestry, religion, disability, marital status, political affiliation or gender. Such affirmative action shall include, but not be limited to, the employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training, including apprenticeship. It is understood and agreed that the Contractor shall comply with all requirements, when applicable, of the California Fair Employment Practices Commission and provisions, where applicable, of all Federal, State of California, County of Kern and City of Delano laws and ordinances, in performance of fulfilling this agreement.
- P. Labor Laws. The Contractor and all subcontractors, suppliers and contractors, shall comply with all City, State and Federal orders regarding affirmative action to ensure equal employment opportunities and fair employment practices.
- Q. Laws to be Observed. The Contractor shall give all notices and comply with all prevailing Federal, State and Local laws, ordinances and all such orders and decrees as exist, or may be enacted by bodies or tribunals having any jurisdiction or authority over the work, and shall indemnify and save harmless the City against any claim or liability arising from, or based on, the violation of any such law, ordinance, regulation, order or decree, whether by himself or his employees and subcontractors.
- R. Release of Information. The responders to any inquiry or bid request shall state any restrictions on the use of data contained in their responses. Proprietary information will be handled in accordance with applicable law, regulations and policy of this jurisdiction. By submitting a bid in response to this RFP, the bidder agrees that any information not clearly marked as proprietary is not confidential and may be publicly released. The City is subject to the California Public Records Act (California Government Code §§ 6250 through 6276.48) and any and all agreements awarded pursuant to this RFP and any other documents related thereto will be public information.
- Bidder further agrees that the amounts of other fees and charges proposed in response to this RFP are all public information and bidder consents to the release of such information to the public.
- S. Costs of Bid. All costs incurred directly or indirectly relating to the preparation of a bid, or to the preparation of any oral or written clarification of a bid which the City may request, shall be the sole responsibility of the bidder.

SECTION 3
Special Instructions and Terms

- A. Experience Required. The firm selected must demonstrate experience in municipal purchasing and provide examples of purchases with agencies similar to the City.
- B. The purchase agreement resulting from this RFP is expected to be a “net” transaction under which insurance, maintenance, and taxes on the purchased vehicles will be the responsibility of the City. All manufacturer’s guarantees and warranties will pass on to the City.
- C. Source of Funds. The City expects to make payments on amounts due under the purchase agreement from the City’s Water Enterprise Fund which is funded by moneys collected from the City’s Water customers.
- D. Delivery date. The expected date of delivery for one (1) Vacuum Excavator is one (1) month from the date of the award of the contract.
- E. Required Submissions. The following are required to be submitted with the bid:
1. A statement of facts concerning the organization (Proposer’s Questionnaire), owner and officers of the bidding agency or firm, including related experience and references of current or recent purchase clients (EXHIBIT A).
 2. A statement of the amounts and types of insurance coverage that the bidder will require the City to obtain. The bid should also state any special, additional, or unusual insurance requirements, including, without limitation, any additional endorsements or additional policy provisions required by the bidder. The City reserves the right to reject any bid whose insurance requirements are deemed, in the sole discretion of the City, to be too expensive or otherwise onerous.
 3. A statement of all fees, charges, and expenses to be paid by the City, including without limitation any escrow fees.
 4. All Exhibits to this RFP, properly completed (Section 5).
- F. Proposal Review and Negotiation. In deciding which bid is the lowest, the City will consider the proposed fees, charges, and expenses to be paid by the City. The City may contact the apparent low bidder and require that bidder to submit all proposed purchase agreements and related documents to the City within two (2) business days of the request. The City will review all such documents for compliance with this RFP and with applicable California law. The City may negotiate with the apparent low bidder as necessary to make the document compliant with this RFP and fully binding and enforceable under California law. If the City and the apparent low bidder are unable to reach agreement as to the terms and conditions of all such documents, the City may proceed to negotiate with the next lowest bidder. If the City is unable to reach agreement with the next lowest bidder as to the terms and conditions of all such documents, the City may proceed to negotiate with the third lowest bidder and so forth until the City and a bidder are able to reach agreement or until City is unable to reach agreement with any of the bidders. If two or more low bids appear to be the same as to both the proposed total proposed fees, charges, and expenses to be paid by the City, the City reserves the right to select the bidder who offers terms that are, in the City’s best interest.

The City may reject any bid that fails to comply with the requirements of this RFP. The City may reject any bid that contains any documents, terms, conditions or provisions intended to be legally binding but that are not, in the opinion of the City's legal counsel, fully binding and enforceable under California law.

Accordingly, as an alternative to the above-described process, the City may select the lowest bidder whose bid (including, without limitation, the sample documents provided to the City as part of said bid) fully complies with this RFP and in which any and all documents, terms, conditions or provisions intended to be legally binding would be, in the opinion of City, fully binding enforceable under California law.

The City may require a bidder to submit any and all proposed agreements and other documents related to the transaction contemplated in this RFP in Portable Document Format (pdf). This will allow the City to review the documents and show any requested changes using the "track changes" function for ease and speed of review by both the bidder and the City.

- G. Approval. The City or designee will approve the purchase agreement and other agreements by resolution enacted by the City council. The resolution must be in the form approved by the City's legal counsel and may differ from any form resolution provided by the bidder.
- H. Applicable Law and Venue. This RFP and any resulting agreement(s) will be governed by and construed according to the laws of the State of California. Venue for actions arising under this RFP or under any resulting agreement(s) shall lie exclusively in Kern County, California.

SECTION 4 Minimum Equipment Specifications

- A. General. It is the intent of this specification to obtain a Vacuum Excavator and all the necessary components suitable for the service demands of the Public Works Department. All equipment furnished shall be subject to approval by the City.

Where specifications for specific items are not included, manufacturer's standards are satisfactory or they are not applicable to this equipment.

- B. Legal Requirements. The equipment to be furnished shall meet these specifications, including all equipment accessories, and must comply with the requirements of 1) The California Vehicle Code, 2) The Federal Vehicle Safety Standards, 3) The California Industrial Safety Orders, 4) Federal and State Noise Pollution Standards, and 5) California Air Resources Board (CARB)

The City specifications listed in EXHIBIT C indicate the minimum acceptable requirements. **Please fill-in the Manufacturer's Data bidder's proposal column to enable the City to properly evaluate the proposed equipment.** The Manufacturer's Data listed will become part of the contract for award.

SECTION 5

BID FORM
PROPOSAL TO
City of Delano

FOR PURCHASE OF ONE (1) VACUUM EXCAVATOR

NAME OF BIDDER _____

BUSINESS P.O. BOX _____

CITY, STATE, ZIP _____

BUSINESS STREET ADDRESS _____

(Please include even if P.O. Box used)

CITY, STATE, ZIP _____

TELEPHONE NO: AREA CODE () _____

FAX NO: AREA CODE () _____

CONTRACTOR LICENSE NO. _____

TO THE GOVERNING BODY OF THE

City of Delano

Pursuant to and in compliance with your Notice Inviting Sealed Proposals (Bids) and the other documents relating thereto, the undersigned bidder, being fully familiar with the terms of the Contract Documents, local conditions affecting the performance of the contract, the character, quality, quantities, and scope of the work, and the cost of the work at the place where the work is to be done, hereby proposes and agrees to perform within the time stipulated in the contract, including all of its component parts and everything required to be performed, and to furnish any and all of the labor, material, tools, equipment, transportation, services, permits, utilities, and all other items necessary to perform the contract and complete in a workmanlike manner, all of the work required in connection with the completion of said work all in strict conformity with the plans and specifications and other contract documents, including Addenda Nos.____, ____, ____, and ____, for the prices hereinafter set forth.

The City Council of the City of Delano reserves the right to reject any and all bids, and to waive any and all irregularities in any bid.

The work for which this proposal is submitted is for purchase of one (1) Vacuum Excavator in conformance with the Specifications, including any addenda thereto.

The undersigned, as bidder, declares that the only persons or parties interested in this proposal as principals are those named herein; that this proposal is made without collusion with any other person, firm, or corporation; that he has carefully examined the location of the proposed work, the annexed proposed form of contract, and the plans therein referred to; and he proposes, and agrees if this proposal is accepted, that he will contract with the CITY OF DELANO, in the form of the copy of the contract annexed hereto, to provide all necessary machinery, tools, apparatus and other means of construction, and to do all the work and furnish all the materials specified in the contract, in the manner and time therein prescribed, and according to the requirements of the Engineer as therein set forth, and that he will take in full payment therefore the following prices, to wit:

EQUIPMENT PRICING

The bidder shall fill-out and submit the Equipment Pricing Form, part of EXHIBIT C of this contract document. This is a combined total for truck base price and published options plus body price and unpublished options.

PROPOSER'S QUESTIONNAIRE

See EXHIBIT A

NON-COLLUSION AFFIDAVIT

See EXHIBIT B

MINIMUM EQUIPMENT SPECIFICATIONS

See EXHIBIT C

REQUIRED SUBMISSIONS

This proposal shall NOT be complete unless all the information requested is provided by the proposer and is submitted with the proposal. Statements MUST be complete and accurate. Omissions, inaccuracy, or misstatement may be cause for rejection of a proposal.

EXHIBITS

PROPOSER'S QUESTIONNAIRE

1. Name of proposer: _____

2. Address of proposer: _____

3. Proposer intends to operate the business with which this proposal is concerned as a:

- _____ Sole Proprietorship
- _____ Partnership
- _____ Corporation
- _____ Joint Venture
- _____ Other, Explain:

EXPERIENCE STATEMENT

Enumerate in detail the duration and extent of your business experience with special emphasis on equipment leasing or sales.

REFERENCES

List three (2) persons or firms with whom you have conducted business transactions during the past three years.

Reference No. 1

Name: _____

Firm: _____

Address: _____

Telephone: _____

REFERENCES

Reference No. 2

Name: _____

Firm: _____

Address: _____

Telephone: _____

EXCEPTIONS AND SUBSTITUTIONS

Item No. 1 _____

Item No. 2 _____

Item No. 3 _____

Item No. 4 _____

I/We have read all proposal documents and submit this proposal along with the enclosed certified or cashier's check made payable to the City of Delano.

Signature

Date

CITY OF DELANO
MINIMUM SPECIFICATIONS REQUIREMENT
FOR TRAILER MOUNTED VACUUM SYSTEM EXCAVATOR

MAKE _____
MODEL _____

BIDDER _____
ADDRESS _____

BIDDER'S PROPOSAL

A. APPLICATION

This Vacuum System Excavator will be used by crew to perform a variety of vacuum excavation jobs including but not limited to: soft dig, pot holing, trenching, storm drain clean out, meter & valve box clean out, cleanup of water, mud, rock and dirt during excavations and water leak repair. Equipment shall be "Ditch Witch or approved equal".

B. DIMENSIONS

1. Overall length approximately 245 inches
2. Overall height not to exceed 99 inches
3. Overall width not to exceed 101 inches
4. Working deck height no to exceed 25 inches
5. Dry weight approximately 11,230 pounds
6. Weight with holding tank full of water not to exceed 24,880

C. SPOILS HOLDING TANK

1. Single holding tank design
2. Holding tank capacity 1,200 gallons, minimum
4. Tank to include 6 inch drain valve at bottom rear of holding tank
5. Hydraulic tilt system for dumping spoils tank included
6. Tilt system shall be powered by hydraulic power pack
7. Maximum tilt no less than 45 degrees
8. Time to tilt to full up position no less than 45 seconds
9. Time to tilt from full up to full down no less than 40 seconds
10. Unit to have a single lift cylinder. Unit shall have a hydraulically opening & closing door. All door opening mechanisms must be outside of tank. Mechanical lock-outs included for locking the door in the fully open position, allowing full access to the inside of the tank for washout and inspection.
11. Tank to include 6 inch drain valve at bottom rear of holding tank door
12. Unit shall have a Hydraulic Boom mounted on top of spoils tank, for use during vacuum operation. Boom will raise and lower hydraulically. Boom will be a minimum of 9 feet long with the ability to extend out an additional 4 feet. Boom will Rotate Manually 340 degrees. Boom will have an automatic locking mechanism when in the stowed position.

BIDDER'S PROPOSAL

13. Boom is operated with a handheld wireless controller and have tethered controller as a back-up.

14. Handheld Wireless Controller will control the following functions:

- a. Emergency Stop Button
- b. Boom/Tank Selector Switch
- c. Boom Up & Boom Down
- d. Boom Extend & Boom Retract
- e. Tank Up & Tank Down
- f. Door Open & Door Close
- g. Lights On & Lights Off
- h. Hydraulic Boom shall support 25 feet of 4" vacuum hose with quick disconnect fittings

D. ENGINE

1. Single engine design. Same engine powers vacuum blower, pressured fluid system and hydraulic system.

2. Liquid Cooled, Direct Injection, Turbo Charged, 4 cylinder, Diesel Engine. Minimum Horse Power of 74 gross HP.

3. Minimum EPA Rating: Tier 4 FINAL

4. Cooling system sufficient for adequate cooling under all operating conditions with outside air temperature up to 105 °F

5. Engine oil and air filters shall be approved by manufacturer for application.

6. Engine shall be fully enclosed and insulated, with lockable doors.

7. 12 volt electrical system w/ alternator

8. 800 CCA battery

9. Fuel tank shall be 25 gallons allowing minimum of 12 hours operation at full load.

10. Remote curbside drain for engine fluids

11. Full coverage drain pan (Secondary Containment) under engine/radiator to catch any fluid leaks

12. Engine controls and gauges shall be located in one location in lockable compartment on curbside of unit

13. Sound level shall be no more than 82 decibels, (DBA) @ 10 feet from unit.

E. VACUUM SYSTEM

1. Shall be designed to vacuum dirt, debris, mud and water
2. Vacuum blower shall displace a minimum of 1,020 cfm
3. Vacuum system shall generate a minimum 16 in-Hg of pressure

4. Filter unit shall be reusable, washable, polyester material providing minimum of 130 square ft. auxiliary filter on vacuum relief.
5. Shall include one (1) spare filter.
6. Vacuum filter shall be housed in a steel canister
7. Shall have sight glass on filter housing

8. Vacuum system shall include a water trap assembly with a minimum capacity of 8 gallons.
9. Shall have auxiliary filter on vacuum relief valve
10. Suction hose shall have a diameter of 4 inches.
11. Unit shall include a total of 25 ft. of suction hose, in cam-lock style
12. Shall have mechanical vacuum shutdown for full tank.
13. Unit shall have 100 feet of hose in a hydraulic reel mounted on trailer.

F. PRESSURED FLUID SYSTEM WITH LANCE FOR HYDRO-EXCAVATION

1. Pressure system shall develop an infinitely variable psi from zero to 3,500. Curbside control to infinitely adjust water pressure.
2. Flow rate shall be a minimum of 5.2 gallons per minute
3. Hose shall be mounted on a hose reel with a minimum of 50 ft. of hose.
4. Fluid system tank shall have a minimum capacity of 500 gallons in two 250 gallon saddle tanks
5. Pressured pump shall be inside the main engine compartment, and driven off main engine and shall automatically disengage when not in use. No separate, stand alone, pressure washer type systems allowed.
6. Shall have High Pressure Water Lance with Turbo Spray Gun Nozzle
7. Pressured fluid system shall come with standard Anti-Freeze Kit.

G. TRAILER UNIT

1. Vacuum excavation system shall be mounted on a custom trailer, designed for this application manufactured by the same manufacturer of the vacuum components.

2. Shall have two axles, tandem tires each axle, total (8) tires on axles
3. Gross Axle Weight Rating (GAWR) shall exceed maximum possible load as configured.

BIDDER'S PROPOSAL

4. Gross Vehicle Weight Rating (GVWR) shall not exceed 26,000 lbs.
5. Maximum tongue load shall not exceed 3,900 lbs.
6. Maximum tongue weight with full water tank shall not exceed 3,500 lbs.
7. Overall width shall not exceed 101 inches
8. Overall bed length shall not exceed 178 inches
9. Overall length shall not exceed 234 inches
10. Trailer shall be equipped with electric brakes.
11. Trailer shall have an adjustable coupler for heights of 17 to 26 inches

12. Bed height with full load shall be approximately 23 inches
13. 9 Tires and wheels shall be LT 235875R16 load range H, including mounting for spare on trailer.
14. Trailer shall have full deck steel grating and one (1) tool rack mounted on right side for tooling and hoses.
15. Trailer shall have work lights mounted on power pack and a programmable directional arrow bar, (5 ft. X 4 ft.) mounted on rear of unit

16. Shall have Electric Jack for lifting and lowering of tongue on & off tow vehicle.

G. Training

1. Winning bidder shall provide field training consisting of 8 hours of field instruction on the Vacuum unit at the time of delivery, with an additional 8 hours training over the next six months upon request by CITY OF DELANO.

H. MANUALS

1. Unit shall be delivered with one (1) copy each of:
 - a. Vacuum unit parts and service manual.
 - b. Engine parts & service manual
 - c. Any other manuals available for sub-units or components

2. Unit shall be delivered with three (3) copies each of Operation Manual covering field use instructions including, but not limited to, vacuum operations, pressure washing and potholing techniques.

I. WARRANTY

1. Vendor shall supply a major component warranty for a period of 24 months, or 2,000 hours. Listing of those components are to be included as an attachment to the bid.

2. All other components not listed as major components shall be covered by a warranty of no less than 90 days.

3. Bidder shall provide additional warranties, as an option list, with this bid. Any additional warranty options shall include the terms and the associated costs of each warranty option.

BIDDER'S PROPOSAL

J. DEMONSTRATION

1. Upon bid opening, at the request of CITY OF DELANO, any vendor may be required to demonstrate that their product is in full compliance with the bid specifications. This demonstration must occur within ten (10) days of the request, be held at a location determined by CITY OF DELANO, and shall include an operation briefing and a maintenance familiarization session. Bidder will then utilize the equipment in a typical Vacuum excavation application.

Pricing Form

Time of Delivery Days _____

Make and Model _____

Price for (1) Trailer Mounted Vacuum System Excavator \$ _____

Sub Total \$ _____

_____ % Sales Tax \$ _____

Total Bid \$ _____